BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B01 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	1.917	235.5	235.5	35.000	0.0
1	P	5.417	0.0	0.0	0.000	7.6
1	P	12.417	0.0	0.0	0.000	6.2
1	P	19.417	0.0	0.0	0.000	6.9
1	P	26.417	0.0	0.0	0.000	6.9
1	P	33.420	0.0	0.0	0.000	7.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B01

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B01

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	81.10	81.10	18.14	18.36	18488.9	18488.9	1019.3	1006.9	1019.3	1006.9
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B01

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	234.01	234.01	1.55	34.95	54059.9	18488.9	34854.0	1546.8	1019.3	1006.9
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B01

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	132.07	132.07	8.34	28.16	39134.3	18488.9	4690.9	1389.8	1019.3	1006.9
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	866.70	R	0.00	666.69	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2552.3	-1681.9	-1918.0C	2312.0	1621.7	-1635.3	-1816.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.67	999.00	1.87	999.00	HS 37.42	67.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	47204.0	2527.4	-1370.1	-1350.7	46634.8	1958.2	-1939.3	-1919.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	53.81	999.00	2.26	999.00	HS 45.19	81.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	866.70	R	0.00	666.69	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4253.8	-2803.1	-3196.6C	3853.4	2702.9	-2725.5	-3028.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.45	999.00	3.12	999.00	HS 62.37	112.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78293.8	3832.8	-2663.0	-2630.6	77724.6	3263.6	-3232.2	-3199.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	89.68	999.00	3.77	999.00	HS 75.31	135.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4253.8	-2803.1	-3196.6C	3853.4	2702.9	-2725.5	-3028.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	7.88	999.00	5.53	999.00	0.00	82.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78293.8	3832.8	-2663.0	-2630.6	77724.6	3263.6	-3232.2	-3199.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	158.94	999.00	6.67	999.00	0.00	100.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	687.64	R	0.00	528.96	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4253.8	-2803.1	-3196.6C	3853.4	2702.9	-2725.5	-3028.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.60	999.00	3.93	999.00	0.00	90.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78293.8	3832.8	-2663.0	-2630.6	77724.6	3263.6	-3232.2	-3199.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	113.03	999.00	4.75	999.00	0.00	109.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	726.76	R	0.00	559.05	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4253.8	-2803.1	-3196.6C	3853.4	2702.9	-2725.5	-3028.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.30	999.00	3.72	999.00	0.00	100.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78293.8	3832.8	-2663.0	-2630.6	77724.6	3263.6	-3232.2	-3199.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	106.95	999.00	4.49	999.00	0.00	121.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	669.59	R	0.00	515.07	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4253.8	-2803.1	-3196.6C	3853.4	2702.9	-2725.5	-3028.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.76	999.00	4.04	999.00	0.00	161.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78293.8	3832.8	-2663.0	-2630.6	77724.6	3263.6	-3232.2	-3199.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	116.08	999.00	4.87	999.00	0.00	195.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B02 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	38.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	121.2	121.2	33.330	0.0
1	P	5.417	0.0	0.0	0.000	21.6
1	P	12.417	0.0	0.0	0.000	17.5
1	P	19.417	0.0	0.0	0.000	19.5
1	P	26.417	0.0	0.0	0.000	19.5
1	P	33.420	0.0	0.0	0.000	21.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B02

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
1.474	36.70	33.34	0.94	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B02

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
1.474	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B02

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
1.474	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B02

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
1.474	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3700.5C	2766.1	-1810.6	-2054.5C	2096.1	1377.3	-2143.2	-2330.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.25	999.00	1.48	999.00	HS 29.53	53.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	361.8	-278.3	278.3
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	32378.0	2867.7	-1219.7	-1219.7	31127.2	1616.9	-2470.5	-2470.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	33.37	999.00	1.73	999.00	HS 34.66	62.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4610.1	-3017.6	-3424.1C	3493.5	2295.5	-3572.0	-3884.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.74	999.00	2.46	999.00	HS 49.21	88.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	53129.4	3945.6	-2866.7	-2866.7	51878.7	2694.8	-4117.5	-4117.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	55.61	999.00	2.89	999.00	HS 57.77	104.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4610.1	-3017.6	-3424.1C	3493.5	2295.5	-3572.0	-3884.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	7.14	999.00	4.69	999.00	0.00	70.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	53129.4	3945.6	-2866.7	-2866.7	51878.7	2694.8	-4117.5	-4117.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	106.09	999.00	5.51	999.00	0.00	82.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4610.1	-3017.6	-3424.1C	3493.5	2295.5	-3572.0	-3884.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.83	999.00	3.17	999.00	0.00	72.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	53129.4	3945.6	-2866.7	-2866.7	51878.7	2694.8	-4117.5	-4117.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	71.68	999.00	3.72	999.00	0.00	85.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4610.1	-3017.6	-3424.1C	3493.5	2295.5	-3572.0	-3884.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.34	999.00	2.85	999.00	0.00	77.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	53129.4	3945.6	-2866.7	-2866.7	51878.7	2694.8	-4117.5	-4117.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	64.44	999.00	3.35	999.00	0.00	90.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	702.2	548.6	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4610.1	-3017.6	-3424.1C	3493.5	2295.5	-3572.0	-3884.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.95	999.00	3.25	999.00	0.00	130.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	53129.4	3945.6	-2866.7	-2866.7	51878.7	2694.8	-4117.5	-4117.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	73.51	999.00	3.82	999.00	0.00	152.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B03 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	38.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	18.6
1	P	12.417	0.0	0.0	0.000	15.0
1	P	19.417	0.0	0.0	0.000	16.8
1	P	26.417	0.0	0.0	0.000	16.8
1	P	33.420	0.0	0.0	0.000	18.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B03

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B03

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B03

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B03

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2586.3	-1686.0	-1908.3C	1949.0	1284.9	-2001.4	-2172.5
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.09	999.00	1.38	999.00	HS 27.55	49.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	38034.7	2671.0	-1132.0	-1132.0	36860.5	1496.8	-2306.2	-2306.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	39.51	999.00	1.60	999.00	HS 32.09	57.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3248.4	2141.6	-3335.7	-3620.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.48	999.00	2.30	999.00	HS 45.91	82.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62608.4	3668.9	-2669.5	-2669.5	61434.2	2494.7	-3843.7	-3843.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	65.85	999.00	2.67	999.00	HS 53.48	96.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3248.4	2141.6	-3335.7	-3620.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.64	999.00	4.38	999.00	0.00	65.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62608.4	3668.9	-2669.5	-2669.5	61434.2	2494.7	-3843.7	-3843.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	125.63	999.00	5.10	999.00	0.00	76.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3248.4	2141.6	-3335.7	-3620.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.49	999.00	2.96	999.00	0.00	68.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62608.4	3668.9	-2669.5	-2669.5	61434.2	2494.7	-3843.7	-3843.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	84.88	999.00	3.45	999.00	0.00	79.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3248.4	2141.6	-3335.7	-3620.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.03	999.00	2.66	999.00	0.00	71.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62608.4	3668.9	-2669.5	-2669.5	61434.2	2494.7	-3843.7	-3843.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	76.32	999.00	3.10	999.00	0.00	83.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	476.7	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3248.4	2141.6	-3335.7	-3620.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.60	999.00	3.04	999.00	0.00	121.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62608.4	3668.9	-2669.5	-2669.5	61434.2	2494.7	-3843.7	-3843.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	87.05	999.00	3.54	999.00	0.00	141.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B04 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	38.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	19.3
1	P	12.417	0.0	0.0	0.000	15.6
1	P	19.417	0.0	0.0	0.000	17.5
1	P	26.417	0.0	0.0	0.000	17.5
1	P	33.420	0.0	0.0	0.000	19.3

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B04

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B04

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B04

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B04

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2586.3	-1686.0	-1908.3C	1938.2	1274.1	-2012.3	-2183.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.08	999.00	1.37	999.00	HS 27.32	49.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	37975.0	2677.0	-1124.8	-1124.8	36782.7	1484.8	-2317.0	-2317.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	39.43	999.00	1.59	999.00	HS 31.83	57.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3230.4	2123.5	-3353.8	-3638.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.46	999.00	2.28	999.00	HS 45.53	81.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62496.8	3666.9	-2669.5	-2669.5	61304.6	2474.6	-3861.7	-3861.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	65.71	999.00	2.65	999.00	HS 53.05	95.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3230.4	2123.5	-3353.8	-3638.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.61	999.00	4.34	999.00	0.00	65.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62496.8	3666.9	-2669.5	-2669.5	61304.6	2474.6	-3861.7	-3861.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	125.36	999.00	5.06	999.00	0.00	75.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3230.4	2123.5	-3353.8	-3638.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.46	999.00	2.93	999.00	0.00	67.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62496.8	3666.9	-2669.5	-2669.5	61304.6	2474.6	-3861.7	-3861.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	84.70	999.00	3.42	999.00	0.00	78.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3230.4	2123.5	-3353.8	-3638.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.01	999.00	2.64	999.00	0.00	71.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62496.8	3666.9	-2669.5	-2669.5	61304.6	2474.6	-3861.7	-3861.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	76.15	999.00	3.07	999.00	0.00	83.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	697.5	494.8	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4310.5	-2810.0	-3180.6C	3230.4	2123.5	-3353.8	-3638.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.58	999.00	3.01	999.00	0.00	120.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	62496.8	3666.9	-2669.5	-2669.5	61304.6	2474.6	-3861.7	-3861.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B04

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	86.87	999.00	3.51	999.00	0.00	140.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B05 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	19.1
1	P	12.417	0.0	0.0	0.000	15.5
1	P	19.417	0.0	0.0	0.000	17.3
1	P	26.417	0.0	0.0	0.000	17.3
1	P	33.420	0.0	0.0	0.000	19.1

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B05

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B05

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	79.30	79.30	17.75	18.75	17940.7	17940.7	1010.9	956.7	1010.9	956.7
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B05

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	232.21	232.21	1.29	35.21	51980.1	17940.7	40350.9	1476.2	1010.9	956.7
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B05

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	130.27	130.27	7.97	28.53	37798.0	17940.7	4743.5	1324.8	1010.9	956.7
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2435.7	-1668.0	-1952.0C	1993.8	1213.8	-1942.9	-2161.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.14	999.00	1.30	999.00	HS 26.02	46.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	47246.6	2521.6	-1144.7	-1059.7	46146.9	1421.9	-2244.4	-2159.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	49.47	999.00	1.52	999.00	HS 30.48	54.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4059.6	-2780.0	-3253.3C	3322.9	2023.1	-3238.2	-3602.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.56	999.00	2.17	999.00	HS 43.37	78.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78011.3	3469.5	-2641.0	-2499.3	76911.6	2369.8	-3740.7	-3599.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	82.44	999.00	2.54	999.00	HS 50.80	91.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4059.6	-2780.0	-3253.3C	3322.9	2023.1	-3238.2	-3602.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.80	999.00	4.14	999.00	0.00	62.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78011.3	3469.5	-2641.0	-2499.3	76911.6	2369.8	-3740.7	-3599.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	157.28	999.00	4.85	999.00	0.00	72.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4059.6	-2780.0	-3253.3C	3322.9	2023.1	-3238.2	-3602.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.59	999.00	2.80	999.00	0.00	64.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78011.3	3469.5	-2641.0	-2499.3	76911.6	2369.8	-3740.7	-3599.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	106.27	999.00	3.27	999.00	0.00	75.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4059.6	-2780.0	-3253.3C	3322.9	2023.1	-3238.2	-3602.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.13	999.00	2.51	999.00	0.00	67.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78011.3	3469.5	-2641.0	-2499.3	76911.6	2369.8	-3740.7	-3599.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	95.54	999.00	2.94	999.00	0.00	79.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4059.6	-2780.0	-3253.3C	3322.9	2023.1	-3238.2	-3602.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.71	999.00	2.87	999.00	0.00	114.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	78011.3	3469.5	-2641.0	-2499.3	76911.6	2369.8	-3740.7	-3599.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B05

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	108.99	999.00	3.36	999.00	0.00	134.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B06 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	19.2
1	P	12.417	0.0	0.0	0.000	15.5
1	P	19.417	0.0	0.0	0.000	17.4
1	P	26.417	0.0	0.0	0.000	17.4
1	P	33.420	0.0	0.0	0.000	19.2

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B06

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B06

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	80.60	80.60	18.05	18.45	18378.2	18378.2	1018.4	995.9	1018.4	995.9
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B06

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	233.51	233.51	1.48	35.02	53565.9	18378.2	36099.1	1529.7	1018.4	995.9
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B06

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	131.57	131.57	8.25	28.25	38830.3	18378.2	4707.2	1374.5	1018.4	995.9
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2524.1	-1680.3	-1925.9C	1992.8	1280.8	-1953.3	-2142.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.14	999.00	1.37	999.00	HS 27.46	49.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	42456.7	2609.0	-1155.8	-1120.6	41355.4	1507.7	-2257.0	-2221.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	44.33	999.00	1.62	999.00	HS 32.32	58.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4206.8	-2800.5	-3209.8C	3321.4	2134.7	-3255.5	-3570.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.56	999.00	2.29	999.00	HS 45.77	82.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	70027.0	3614.1	-2660.5	-2601.9	68925.7	2512.9	-3761.7	-3703.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	73.88	999.00	2.69	999.00	HS 53.87	97.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4206.8	-2800.5	-3209.8C	3321.4	2134.7	-3255.5	-3570.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.79	999.00	4.36	999.00	0.00	65.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	70027.0	3614.1	-2660.5	-2601.9	68925.7	2512.9	-3761.7	-3703.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	140.95	999.00	5.14	999.00	0.00	77.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4206.8	-2800.5	-3209.8C	3321.4	2134.7	-3255.5	-3570.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.59	999.00	2.95	999.00	0.00	67.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	70027.0	3614.1	-2660.5	-2601.9	68925.7	2512.9	-3761.7	-3703.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	95.23	999.00	3.47	999.00	0.00	79.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4206.8	-2800.5	-3209.8C	3321.4	2134.7	-3255.5	-3570.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.13	999.00	2.65	999.00	0.00	71.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	70027.0	3614.1	-2660.5	-2601.9	68925.7	2512.9	-3761.7	-3703.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	85.62	999.00	3.12	999.00	0.00	84.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	491.5	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4206.8	-2800.5	-3209.8C	3321.4	2134.7	-3255.5	-3570.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.71	999.00	3.03	999.00	0.00	121.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	70027.0	3614.1	-2660.5	-2601.9	68925.7	2512.9	-3761.7	-3703.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B06

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	97.67	999.00	3.56	999.00	0.00	142.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B07 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	19.1
1	P	12.417	0.0	0.0	0.000	15.5
1	P	19.417	0.0	0.0	0.000	17.3
1	P	26.417	0.0	0.0	0.000	17.3
1	P	33.420	0.0	0.0	0.000	19.1

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B07

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B07

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	78.50	78.50	18.02	18.48	18134.1	18134.1	1006.4	981.2	1006.4	981.2
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B07

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	231.41	231.41	1.32	35.18	52667.4	18134.1	39779.7	1497.3	1006.4	981.2
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B07

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	129.47	129.47	8.07	28.43	38338.1	18134.1	4748.7	1348.7	1006.4	981.2
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2470.5	-1660.5	-1928.3C	1993.8	1240.5	-1937.1	-2143.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.14	999.00	1.33	999.00	HS 26.60	47.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	46530.9	2562.1	-1137.6	-1098.2	45431.2	1462.4	-2237.3	-2197.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	48.70	999.00	1.57	999.00	HS 31.35	56.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4117.4	-2767.5	-3213.8C	3322.9	2067.6	-3228.6	-3571.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.56	999.00	2.22	999.00	HS 44.33	79.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76818.3	3537.0	-2629.1	-2563.5	75718.6	2437.3	-3728.8	-3663.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	81.16	999.00	2.61	999.00	HS 52.25	94.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4117.4	-2767.5	-3213.8C	3322.9	2067.6	-3228.6	-3571.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.80	999.00	4.23	999.00	0.00	63.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76818.3	3537.0	-2629.1	-2563.5	75718.6	2437.3	-3728.8	-3663.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	154.84	999.00	4.98	999.00	0.00	74.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4117.4	-2767.5	-3213.8C	3322.9	2067.6	-3228.6	-3571.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.59	999.00	2.86	999.00	0.00	65.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76818.3	3537.0	-2629.1	-2563.5	75718.6	2437.3	-3728.8	-3663.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	104.62	999.00	3.37	999.00	0.00	77.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4117.4	-2767.5	-3213.8C	3322.9	2067.6	-3228.6	-3571.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.13	999.00	2.57	999.00	0.00	69.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76818.3	3537.0	-2629.1	-2563.5	75718.6	2437.3	-3728.8	-3663.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	94.06	999.00	3.03	999.00	0.00	81.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	490.0	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4117.4	-2767.5	-3213.8C	3322.9	2067.6	-3228.6	-3571.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.71	999.00	2.93	999.00	0.00	117.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76818.3	3537.0	-2629.1	-2563.5	75718.6	2437.3	-3728.8	-3663.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B07

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	107.30	999.00	3.45	999.00	0.00	138.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B08 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	19.3
1	P	12.417	0.0	0.0	0.000	15.6
1	P	19.417	0.0	0.0	0.000	17.5
1	P	26.417	0.0	0.0	0.000	17.5
1	P	33.420	0.0	0.0	0.000	19.3

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B08

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B08

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	81.10	81.10	18.16	18.34	18538.9	18538.9	1020.9	1010.8	1020.9	1010.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B08

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	234.01	234.01	1.56	34.94	54171.5	18538.9	34733.9	1550.4	1020.9	1010.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B08

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	132.07	132.07	8.36	28.14	39219.5	18538.9	4693.1	1393.6	1020.9	1010.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2558.2	-1684.5	-1916.1C	1990.9	1305.1	-1958.4	-2136.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.13	999.00	1.40	999.00	HS 27.98	50.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	40905.9	2643.4	-1158.4	-1142.7	39801.4	1538.9	-2262.9	-2247.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	42.66	999.00	1.65	999.00	HS 32.99	59.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4263.6	-2807.4	-3193.6C	3318.1	2175.2	-3264.1	-3561.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.56	999.00	2.33	999.00	HS 46.63	83.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	67440.1	3669.3	-2667.1	-2640.8	66335.6	2564.8	-3771.6	-3745.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	71.11	999.00	2.75	999.00	HS 54.98	99.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4263.6	-2807.4	-3193.6C	3318.1	2175.2	-3264.1	-3561.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.78	999.00	4.45	999.00	0.00	66.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	67440.1	3669.3	-2667.1	-2640.8	66335.6	2564.8	-3771.6	-3745.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	135.65	999.00	5.24	999.00	0.00	78.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4263.6	-2807.4	-3193.6C	3318.1	2175.2	-3264.1	-3561.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.59	999.00	3.01	999.00	0.00	69.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	67440.1	3669.3	-2667.1	-2640.8	66335.6	2564.8	-3771.6	-3745.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	91.65	999.00	3.54	999.00	0.00	81.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4263.6	-2807.4	-3193.6C	3318.1	2175.2	-3264.1	-3561.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.12	999.00	2.70	999.00	0.00	73.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	67440.1	3669.3	-2667.1	-2640.8	66335.6	2564.8	-3771.6	-3745.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	82.40	999.00	3.19	999.00	0.00	86.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	494.8	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4263.6	-2807.4	-3193.6C	3318.1	2175.2	-3264.1	-3561.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.70	999.00	3.08	999.00	0.00	123.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	67440.1	3669.3	-2667.1	-2640.8	66335.6	2564.8	-3771.6	-3745.3
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B08

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	94.00	999.00	3.63	999.00	0.00	145.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B09 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	131.7	131.7	33.330	0.0
1	P	5.417	0.0	0.0	0.000	18.6
1	P	12.417	0.0	0.0	0.000	15.0
1	P	19.417	0.0	0.0	0.000	16.8
1	P	26.417	0.0	0.0	0.000	16.8
1	P	33.420	0.0	0.0	0.000	18.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B09

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B09

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	79.50	79.50	17.80	18.70	18030.0	18030.0	1012.8	964.3	1012.8	964.3
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B09

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	232.41	232.41	1.32	35.18	52270.8	18030.0	39543.5	1485.9	1012.8	964.3
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B09

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	130.47	130.47	8.02	28.48	37993.5	18030.0	4738.7	1333.9	1012.8	964.3
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2451.7	-1671.1	-1947.1C	2001.7	1234.1	-1937.3	-2149.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.15	999.00	1.32	999.00	HS 26.46	47.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	46400.2	2533.2	-1153.0	-1077.0	45313.7	1446.8	-2239.4	-2163.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	48.57	999.00	1.55	999.00	HS 31.02	55.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4086.2	-2785.2	-3245.2C	3336.2	2056.8	-3228.9	-3582.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.58	999.00	2.20	999.00	HS 44.09	79.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76609.4	3497.8	-2645.9	-2519.2	75522.9	2411.3	-3732.4	-3605.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	80.95	999.00	2.59	999.00	HS 51.69	93.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4086.2	-2785.2	-3245.2C	3336.2	2056.8	-3228.9	-3582.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	6.82	999.00	4.21	999.00	0.00	63.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76609.4	3497.8	-2645.9	-2519.2	75522.9	2411.3	-3732.4	-3605.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	154.44	999.00	4.93	999.00	0.00	74.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4086.2	-2785.2	-3245.2C	3336.2	2056.8	-3228.9	-3582.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.61	999.00	2.84	999.00	0.00	65.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76609.4	3497.8	-2645.9	-2519.2	75522.9	2411.3	-3732.4	-3605.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	104.35	999.00	3.33	999.00	0.00	76.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4086.2	-2785.2	-3245.2C	3336.2	2056.8	-3228.9	-3582.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.14	999.00	2.56	999.00	0.00	69.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76609.4	3497.8	-2645.9	-2519.2	75522.9	2411.3	-3732.4	-3605.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	93.82	999.00	2.99	999.00	0.00	80.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	609.7	476.7	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	4086.2	-2785.2	-3245.2C	3336.2	2056.8	-3228.9	-3582.8
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.73	999.00	2.91	999.00	0.00	116.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	76609.4	3497.8	-2645.9	-2519.2	75522.9	2411.3	-3732.4	-3605.7
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B09

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	107.02	999.00	3.42	999.00	0.00	136.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B10 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	2.750	121.2	121.2	33.330	0.0
1	P	5.417	0.0	0.0	0.000	21.6
1	P	12.417	0.0	0.0	0.000	17.5
1	P	19.417	0.0	0.0	0.000	19.5
1	P	26.417	0.0	0.0	0.000	19.5
1	P	33.420	0.0	0.0	0.000	21.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B10

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
1.474	36.70	33.34	0.94	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.
-1.000	36.70	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B10

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
1.474	85.10	85.10	17.83	18.87	19331.6	19331.6	1084.5	1024.2	1084.5	1024.2
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3
-1.000	87.60	87.60	18.35	18.35	20135.6	20135.6	1097.3	1097.3	1097.3	1097.3

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B10

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
1.474	238.01	238.01	1.71	34.99	55107.3	19331.6	32148.9	1575.1	1084.5	1024.2
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	20135.6	27965.5	1676.4	1097.3	1097.3
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4
-1.000	240.51	240.51	2.08	34.62	58044.4	26405.9	27965.5	1676.4	1704.1	1245.4

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B10

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott.
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
1.474	136.07	136.07	8.43	28.27	39841.7	19331.6	4725.6	1409.4	1084.5	1024.2
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	20135.6	4669.5	1502.7	1097.3	1097.3
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4
-1.000	138.57	138.57	8.93	27.77	41722.0	26405.9	4669.5	1502.7	1704.1	1245.4

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3700.5C	2599.0	-1789.4	-2103.4C	2149.1	1301.8	-2073.9	-2315.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.30	999.00	1.39	999.00	HS 27.91	50.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	361.8	-278.3	278.3
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	38398.4	2697.2	-1234.9	-1140.5	37236.0	1534.8	-2397.3	-2302.9
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	39.91	999.00	1.64	999.00	HS 32.90	59.2
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	932.91	R	0.00	717.62	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4331.6	-2982.3	-3505.7C	3581.9	2169.6	-3456.4	-3859.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	3.84	999.00	2.33	999.00	HS 46.51	83.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	63222.4	3720.4	-2833.2	-2675.8	62060.0	2558.0	-3995.5	-3838.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	66.52	999.00	2.74	999.00	HS 54.84	98.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4331.6	-2982.3	-3505.7C	3581.9	2169.6	-3456.4	-3859.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	7.32	999.00	4.44	999.00	0.00	66.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	63222.4	3720.4	-2833.2	-2675.8	62060.0	2558.0	-3995.5	-3838.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	126.91	999.00	5.23	999.00	0.00	78.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	723.75	R	0.00	556.73	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4331.6	-2982.3	-3505.7C	3581.9	2169.6	-3456.4	-3859.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.95	999.00	3.00	999.00	0.00	68.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	63222.4	3720.4	-2833.2	-2675.8	62060.0	2558.0	-3995.5	-3838.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	85.75	999.00	3.53	999.00	0.00	81.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	805.01	R	0.00	619.24	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4331.6	-2982.3	-3505.7C	3581.9	2169.6	-3456.4	-3859.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.45	999.00	2.69	999.00	0.00	72.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	63222.4	3720.4	-2833.2	-2675.8	62060.0	2558.0	-3995.5	-3838.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	77.09	999.00	3.18	999.00	0.00	85.8
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	613.8	548.6	705.70	R	0.00	542.85	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	6167.5C	4331.6	-2982.3	-3505.7C	3581.9	2169.6	-3456.4	-3859.1
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.08	999.00	3.07	999.00	0.00	123.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	603.0	-463.9	463.9
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	63222.4	3720.4	-2833.2	-2675.8	62060.0	2558.0	-3995.5	-3838.2
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B10

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	87.94	999.00	3.62	999.00	0.00	145.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction CSC
Year of Construction 1959
Roadway Width 32.000
Number of Spans 1

Floor Beam Spacing 25.00

Comments:

Member I. D. B11 Symmetry:

Span Length:	Span 1	Span 2	Span 3	Span 4	Span 5
	38.833	0.000	0.000	0.000	0.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	15.000	1	0		0.0	0.0
1	2	3.000	2	0		0.0	0.0
1	3	20.833	1	0		0.0	0.0

Range Length -- Composite:

Span No.	Range No.	Range Length	Composite Code
1	1	38.833	C

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	1.917	235.5	235.5	35.000	0.0
1	P	5.417	0.0	0.0	0.000	7.6
1	P	12.417	0.0	0.0	0.000	6.2
1	P	19.417	0.0	0.0	0.000	6.9
1	P	26.417	0.0	0.0	0.000	6.9
1	P	33.420	0.0	0.0	0.000	7.6

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. B11

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
1.474	36.50	33.36	0.88	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.
-1.000	36.50	0.00	0.00	116.5	10.5	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. B11

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
1.474	76.30	76.30	17.03	19.47	16914.8	16914.8	993.0	869.0	993.0	869.0
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8
-1.000	81.60	81.60	18.25	18.25	18647.9	18647.9	1021.8	1021.8	1021.8	1021.8

SECTION STRENGTH (N=N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B11

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend		-Bend	
							Top	Bott.	Top	Bott
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
1.474	229.21	229.21	0.84	35.66	48347.4	16914.8	57791.3	1355.7	993.0	869.0
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	18647.9	33608.1	1567.5	1021.8	1021.8
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5
-1.000	234.51	234.51	1.63	34.87	54663.2	24816.4	33608.1	1567.5	1630.1	1166.5

SECTION STRENGTH (N=3N) (ASD/LFD)

Structure I. D. HAM500

Member I. D. B11

Span	Section Area		Neutral Axis		Moment of Inertia		Section Modulus			
	Gross	Net	Top	Bott.	+Bend	-Bend	+Bend Top	+Bend Bott.	-Bend Top	-Bend Bott.
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
1.474	127.27	127.27	7.31	29.19	35407.1	16914.8	4842.4	1213.1	993.0	869.0
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	18647.9	4677.3	1408.9	1021.8	1021.8
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5
-1.000	132.57	132.57	8.45	28.05	39520.9	24816.4	4677.3	1408.9	1630.1	1166.5

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	866.70	R	0.00	666.69	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	3449.6C	2236.8	-1638.4	-2015.0C	2312.0	1379.1	-1601.8	-1891.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	2.67	999.00	1.59	999.00	HS 31.82	57.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	339.0	-260.8	260.8
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	77640.0	2222.2	-1328.8	-1134.4	77070.8	1653.0	-1898.0	-1703.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	88.92	999.00	1.91	999.00	HS 38.15	68.7
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	866.70	R	0.00	666.69	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	3728.1	-2730.7	-3358.4C	3853.4	2298.5	-2669.7	-3152.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	4.45	999.00	2.65	999.00	HS 53.04	95.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	HS 999.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	100569.1	3324.2	-2594.1	-2270.2	99999.9	2755.0	-3163.3	-2839.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	115.38	999.00	3.18	999.00	HS 63.58	114.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	489.02	R	0.00	376.17	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	3728.1	-2730.7	-3358.4C	3853.4	2298.5	-2669.7	-3152.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	7.88	999.00	4.70	999.00	0.00	70.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	100569.1	3324.2	-2594.1	-2270.2	99999.9	2755.0	-3163.3	-2839.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	204.49	999.00	5.63	999.00	0.00	84.5
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	687.64	R	0.00	528.96	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	3728.1	-2730.7	-3358.4C	3853.4	2298.5	-2669.7	-3152.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.60	999.00	3.34	999.00	0.00	76.9
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	100569.1	3324.2	-2594.1	-2270.2	99999.9	2755.0	-3163.3	-2839.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	145.42	999.00	4.01	999.00	0.00	92.1
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	726.76	R	0.00	559.05	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	3728.1	-2730.7	-3358.4C	3853.4	2298.5	-2669.7	-3152.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.30	999.00	3.16	999.00	0.00	85.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	100569.1	3324.2	-2594.1	-2270.2	99999.9	2755.0	-3163.3	-2839.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	137.60	999.00	3.79	999.00	0.00	102.4
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.474	340.1	229.1	669.59	R	0.00	515.07	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	5749.4C	3728.1	-2730.7	-3358.4C	3853.4	2298.5	-2669.7	-3152.6
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	5.76	999.00	3.43	999.00	0.00	137.3
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
1.474	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00
-1.000	0.0	0.0	0.00	0.00	0.00	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
1.474	565.1	-434.7	434.7
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0
-1.000	0.0	0.0	0.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
1.474	999.00	999.00	0.00	999.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	0.00	0.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.474	100569.1	3324.2	-2594.1	-2270.2	99999.9	2755.0	-3163.3	-2839.4
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. B11

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
1.474	149.35	999.00	4.11	999.00	0.00	164.6
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0
-1.000	999.00	999.00	999.00	999.00	0.00	0.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction SS
Year of Construction 1959
Roadway Width 32.000
Number of Spans 10

Live Load Distribution Factor 1.143

Second Live Load Dist. Factor 1.143
Comments:

Member I. D. S01 Symmetry:

Span Length:

Span 1	Span 2	Span 3	Span 4	Span 5
25.000	25.000	25.000	25.000	25.000

Span 6	Span 7	Span 8	Span 9	Span 10
25.000	25.000	25.000	25.000	25.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	25.000	1	0		0.0	0.0
2	1	25.000	2	0		0.0	0.0
3	1	25.000	2	0		0.0	0.0
4	1	12.208	2	0		0.0	0.0
4	2	0.583	3	0		0.0	0.0
4	3	12.208	2	0		0.0	0.0
5	1	12.208	2	0		0.0	0.0
5	2	0.583	3	0		0.0	0.0
5	3	12.208	2	0		0.0	0.0
6	1	25.000	2	0		0.0	0.0
7	1	25.000	2	0		0.0	0.0
8	1	10.000	2	0		0.0	0.0
8	2	5.000	3	0		0.0	0.0
8	3	10.000	2	0		0.0	0.0
9	1	25.000	2	0		0.0	0.0
10	1	25.000	1	0		0.0	0.0

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	0.000	765.0	765.0	25.000	0.0
1	P	12.500	0.0	0.0	0.000	0.1
2	W	0.000	765.0	765.0	25.000	0.0
2	P	12.500	0.0	0.0	0.000	0.1
3	W	0.000	765.0	765.0	25.000	0.0
3	P	12.500	0.0	0.0	0.000	0.1
4	W	0.000	765.0	765.0	25.000	0.0
4	P	12.500	0.0	0.0	0.000	0.1
5	W	0.000	765.0	765.0	25.000	0.0
5	P	12.500	0.0	0.0	0.000	0.1

6	W	0.000	765.0	765.0	25.000	0.0
6	P	12.500	0.0	0.0	0.000	0.1
7	W	0.000	765.0	765.0	25.000	0.0
7	P	12.500	0.0	0.0	0.000	0.1
8	W	0.000	765.0	765.0	25.000	0.0
8	P	12.500	0.0	0.0	0.000	0.1
9	W	0.000	765.0	765.0	25.000	0.0
9	P	12.500	0.0	0.0	0.000	0.1
10	W	0.000	765.0	765.0	25.000	0.0
10	P	12.500	0.0	0.0	0.000	0.1

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
1.000	22.68	21.20	0.46	0.0	0.0	33.
1.100	22.68	21.20	0.46	0.0	0.0	33.
1.200	22.68	21.20	0.46	0.0	0.0	33.
1.300	22.68	21.20	0.46	0.0	0.0	33.
1.400	22.68	21.20	0.46	0.0	0.0	33.
1.500	22.68	21.20	0.46	0.0	0.0	33.
1.600	22.68	21.20	0.46	0.0	0.0	33.
1.700	22.68	21.20	0.46	0.0	0.0	33.
1.800	22.68	21.20	0.46	0.0	0.0	33.
1.900	22.68	21.20	0.46	0.0	0.0	33.
2.000	22.68	21.20	0.46	0.0	0.0	33.
2.000	22.23	21.00	0.40	0.0	0.0	33.
2.100	22.23	21.00	0.40	0.0	0.0	33.
2.200	22.23	21.00	0.40	0.0	0.0	33.
2.300	22.23	21.00	0.40	0.0	0.0	33.
2.400	22.23	21.00	0.40	0.0	0.0	33.
2.500	22.23	21.00	0.40	0.0	0.0	33.
2.600	22.23	21.00	0.40	0.0	0.0	33.
2.700	22.23	21.00	0.40	0.0	0.0	33.
2.800	22.23	21.00	0.40	0.0	0.0	33.
2.900	22.23	21.00	0.40	0.0	0.0	33.
3.000	22.23	21.00	0.40	0.0	0.0	33.
3.000	22.23	21.00	0.40	0.0	0.0	33.
3.100	22.23	21.00	0.40	0.0	0.0	33.
3.200	22.23	21.00	0.40	0.0	0.0	33.
3.300	22.23	21.00	0.40	0.0	0.0	33.
3.400	22.23	21.00	0.40	0.0	0.0	33.
3.500	22.23	21.00	0.40	0.0	0.0	33.
3.600	22.23	21.00	0.40	0.0	0.0	33.
3.700	22.23	21.00	0.40	0.0	0.0	33.
3.800	22.23	21.00	0.40	0.0	0.0	33.
3.900	22.23	21.00	0.40	0.0	0.0	33.
4.000	22.23	21.00	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
4.000	22.23	21.00	0.40	0.0	0.0	33.
4.100	22.23	21.00	0.40	0.0	0.0	33.
4.200	22.23	21.00	0.40	0.0	0.0	33.
4.300	22.23	21.00	0.40	0.0	0.0	33.
4.400	22.23	21.00	0.40	0.0	0.0	33.
4.500	22.23	21.00	0.40	0.0	0.0	33.
4.600	22.23	21.00	0.40	0.0	0.0	33.
4.700	22.23	21.00	0.40	0.0	0.0	33.
4.800	22.23	21.00	0.40	0.0	0.0	33.
4.900	22.23	21.00	0.40	0.0	0.0	33.
5.000	22.23	21.00	0.40	0.0	0.0	33.
5.000	22.23	21.00	0.40	0.0	0.0	33.
5.100	22.23	21.00	0.40	0.0	0.0	33.
5.200	22.23	21.00	0.40	0.0	0.0	33.
5.300	22.23	21.00	0.40	0.0	0.0	33.
5.400	22.23	21.00	0.40	0.0	0.0	33.
5.500	22.23	21.00	0.40	0.0	0.0	33.
5.600	22.23	21.00	0.40	0.0	0.0	33.
5.700	22.23	21.00	0.40	0.0	0.0	33.
5.800	22.23	21.00	0.40	0.0	0.0	33.
5.900	22.23	21.00	0.40	0.0	0.0	33.
6.000	22.23	21.00	0.40	0.0	0.0	33.
6.000	22.23	21.00	0.40	0.0	0.0	33.
6.100	22.23	21.00	0.40	0.0	0.0	33.
6.200	22.23	21.00	0.40	0.0	0.0	33.
6.300	22.23	21.00	0.40	0.0	0.0	33.
6.400	22.23	21.00	0.40	0.0	0.0	33.
6.500	22.23	21.00	0.40	0.0	0.0	33.
6.600	22.23	21.00	0.40	0.0	0.0	33.
6.700	22.23	21.00	0.40	0.0	0.0	33.
6.800	22.23	21.00	0.40	0.0	0.0	33.
6.900	22.23	21.00	0.40	0.0	0.0	33.
7.000	22.23	21.00	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
7.000	22.23	21.00	0.40	0.0	0.0	33.
7.100	22.23	21.00	0.40	0.0	0.0	33.
7.200	22.23	21.00	0.40	0.0	0.0	33.
7.300	22.23	21.00	0.40	0.0	0.0	33.
7.400	22.23	21.00	0.40	0.0	0.0	33.
7.500	22.23	21.00	0.40	0.0	0.0	33.
7.600	22.23	21.00	0.40	0.0	0.0	33.
7.700	22.23	21.00	0.40	0.0	0.0	33.
7.800	22.23	21.00	0.40	0.0	0.0	33.
7.900	22.23	21.00	0.40	0.0	0.0	33.
8.000	22.23	21.00	0.40	0.0	0.0	33.
8.000	22.23	21.00	0.40	0.0	0.0	33.
8.100	22.23	21.00	0.40	0.0	0.0	33.
8.200	22.23	21.00	0.40	0.0	0.0	33.
8.300	22.23	21.00	0.40	0.0	0.0	33.
8.400	22.23	21.00	0.40	0.0	0.0	33.
8.500	22.23	21.00	0.40	0.0	0.0	33.
8.600	22.23	21.00	0.40	0.0	0.0	33.
8.700	22.23	21.00	0.40	0.0	0.0	33.
8.800	22.23	21.00	0.40	0.0	0.0	33.
8.900	22.23	21.00	0.40	0.0	0.0	33.
9.000	22.23	21.00	0.40	0.0	0.0	33.
9.000	22.23	21.00	0.40	0.0	0.0	33.
9.100	22.23	21.00	0.40	0.0	0.0	33.
9.200	22.23	21.00	0.40	0.0	0.0	33.
9.300	22.23	21.00	0.40	0.0	0.0	33.
9.400	22.23	21.00	0.40	0.0	0.0	33.
9.500	22.23	21.00	0.40	0.0	0.0	33.
9.600	22.23	21.00	0.40	0.0	0.0	33.
9.700	22.23	21.00	0.40	0.0	0.0	33.
9.800	22.23	21.00	0.40	0.0	0.0	33.
9.900	22.23	21.00	0.40	0.0	0.0	33.
10.000	22.23	21.00	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
10.000	22.68	21.20	0.46	0.0	0.0	33.
10.100	22.68	21.20	0.46	0.0	0.0	33.
10.200	22.68	21.20	0.46	0.0	0.0	33.
10.300	22.68	21.20	0.46	0.0	0.0	33.
10.400	22.68	21.20	0.46	0.0	0.0	33.
10.500	22.68	21.20	0.46	0.0	0.0	33.
10.600	22.68	21.20	0.46	0.0	0.0	33.
10.700	22.68	21.20	0.46	0.0	0.0	33.
10.800	22.68	21.20	0.46	0.0	0.0	33.
10.900	22.68	21.20	0.46	0.0	0.0	33.
11.000	22.68	21.20	0.46	0.0	0.0	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
1.000	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.100	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.200	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.300	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.400	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.500	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.600	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.700	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.800	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
1.900	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
2.000	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
2.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.500	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
2.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.500	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
3.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
4.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.500	18.30	18.30	10.97	11.26	1463.2	1463.2	133.4	129.9	133.4	129.9
4.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
4.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.500	18.30	18.30	10.97	11.26	1463.2	1463.2	133.4	129.9	133.4	129.9
5.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
5.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.500	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
6.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
7.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.500	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
7.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.400	18.50	18.30	10.97	11.11	1492.8	1492.8	133.4	129.9	133.4	129.9
8.500	18.30	18.30	10.97	11.26	1463.2	1463.2	133.4	129.9	133.4	129.9
8.600	18.30	18.30	10.97	11.11	1492.8	1492.8	133.4	129.9	133.4	129.9
8.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
8.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.100	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.200	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.300	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.400	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.500	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.600	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.700	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.800	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
9.900	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3
10.000	18.50	18.50	11.12	11.11	1492.8	1492.8	134.3	134.3	134.3	134.3

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S01

Span	Section Area Gross	Section Area Net	Neutral Axis Top	Neutral Axis Bott.	Moment of Inertia +Bend	Moment of Inertia -Bend	Section Modulus +Bend Top	Section Modulus +Bend Bott.	Section Modulus -Bend Top	Section Modulus -Bend Bott.
10.000	21.90	21.90	11.34	11.34	1840.1	1840.1	134.3	134.3	134.3	134.3
10.100	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.200	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.300	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.400	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.500	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.600	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.700	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.800	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
10.900	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3
11.000	21.90	21.90	11.34	11.34	1840.1	1840.1	162.3	162.3	162.3	162.3

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	66.99	L	41.83	51.53	32.18
1.200	2.8	28.6	109.03	L	71.50	83.87	55.00
1.300	3.5	35.7	128.61	L	91.30	98.93	70.23
1.400	3.8	38.0	128.91	L	99.72	99.16	76.71
1.500	3.6	35.6	121.64	L	99.42	93.57	76.48
1.600	2.9	28.2	115.62	L	89.30	88.94	68.69
1.700	1.7	16.0	100.15	L	72.40	77.04	55.69
1.800	0.1	-1.0	64.71	L	48.01	49.77	36.93
1.900	-2.0	-22.7	-62.58	L	-57.86	-48.14	-44.51
2.000	-4.5	-49.2	-103.87	L	-95.78	-79.90	-73.68
2.000	-4.5	-49.2	-103.87	L	-95.78	-79.90	-73.68
2.100	-2.6	-26.4	-67.25	R	-58.47	-51.73	-44.98
2.200	-1.1	-8.4	57.94	R	40.57	44.57	31.21
2.300	0.1	4.9	85.29	R	61.51	65.61	47.32
2.400	0.8	13.3	96.19	R	74.53	73.99	57.33
2.500	1.2	17.0	94.18	L	80.17	72.45	61.67
2.600	1.1	15.8	96.19	L	76.11	73.99	58.54
2.700	0.7	9.7	86.11	L	64.58	66.24	49.68
2.800	-0.1	-1.1	59.47	L	45.30	45.75	34.85
2.900	-1.3	-16.7	-59.02	L	-53.29	-45.40	-40.99
3.000	-3.0	-37.1	-98.36	L	-89.13	-75.66	-68.56
3.000	-3.0	-37.1	-98.36	L	-89.13	-75.66	-68.56
3.100	-1.2	-15.8	-58.52	R	-52.81	-45.01	-40.63
3.200	0.1	0.7	59.32	R	44.91	45.63	34.55
3.300	1.1	12.4	86.39	R	65.33	66.46	50.25
3.400	1.6	19.3	96.95	R	77.59	74.57	59.68
3.500	1.8	21.5	94.67	R	82.42	72.82	63.40
3.600	1.5	18.7	97.01	L	77.55	74.62	59.65
3.700	0.9	11.1	86.48	L	65.25	66.52	50.19
3.800	-0.1	-1.3	59.44	L	45.26	45.73	34.82
3.900	-1.6	-18.4	-59.02	L	-54.12	-45.40	-41.63
4.000	-3.4	-40.3	-98.56	L	-90.67	-75.82	-69.74

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.4	-40.3	-98.56	L	-90.67	-75.82	-69.74
4.100	-1.6	-18.7	-58.94	R	-54.17	-45.34	-41.67
4.200	-0.2	-1.8	59.38	R	44.46	45.68	34.20
4.300	0.8	10.4	86.43	R	64.95	66.49	49.96
4.400	1.4	17.7	96.95	R	77.27	74.58	59.44
4.500	1.6	20.3	94.63	R	82.17	72.79	63.21
4.600	1.4	17.9	96.96	L	77.37	74.59	59.52
4.700	0.8	10.7	86.45	L	65.15	66.50	50.11
4.800	-0.1	-1.2	59.40	L	45.26	45.69	34.82
4.900	-1.5	-18.0	-59.01	L	-54.07	-45.39	-41.59
5.000	-3.3	-39.5	-98.59	L	-90.53	-75.84	-69.64
5.000	-3.3	-39.5	-98.59	L	-90.53	-75.84	-69.64
5.100	-1.5	-17.9	-59.01	R	-54.06	-45.39	-41.58
5.200	-0.1	-1.1	59.40	R	44.76	45.69	34.43
5.300	0.9	10.9	86.45	R	65.20	66.50	50.15
5.400	1.4	18.1	96.96	R	77.46	74.59	59.59
5.500	1.6	20.6	94.63	L	82.30	72.79	63.31
5.600	1.4	18.1	96.96	L	77.45	74.58	59.58
5.700	0.8	10.8	86.44	L	65.17	66.49	50.13
5.800	-0.1	-1.3	59.39	L	45.23	45.69	34.79
5.900	-1.5	-18.1	-58.97	L	-54.11	-45.36	-41.62
6.000	-3.3	-39.8	-98.58	R	-90.62	-75.83	-69.71
6.000	-3.3	-39.8	-98.58	R	-90.62	-75.83	-69.71
6.100	-1.5	-18.1	-59.02	R	-54.12	-45.40	-41.63
6.200	-0.1	-1.3	59.44	R	44.75	45.73	34.42
6.300	0.8	10.8	86.49	R	65.21	66.53	50.16
6.400	1.4	18.1	97.01	R	77.50	74.63	59.62
6.500	1.6	20.6	94.69	L	82.36	72.84	63.35
6.600	1.5	18.1	97.01	L	77.51	74.62	59.62
6.700	0.9	10.9	86.48	L	65.23	66.52	50.18
6.800	-0.1	-1.1	59.43	L	45.29	45.72	34.84
6.900	-1.5	-17.9	-58.99	L	-53.98	-45.37	-41.52
7.000	-3.3	-39.4	-98.56	L	-90.48	-75.81	-69.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.3	-39.4	-98.56	L	-90.48	-75.81	-69.60
7.100	-1.5	-17.9	-58.98	R	-54.03	-45.37	-41.56
7.200	-0.1	-1.2	59.43	R	44.76	45.72	34.43
7.300	0.8	10.7	86.48	R	65.18	66.52	50.14
7.400	1.4	17.9	97.01	R	77.42	74.62	59.55
7.500	1.6	20.3	94.69	R	82.23	72.84	63.25
7.600	1.4	17.7	97.02	L	77.34	74.63	59.49
7.700	0.8	10.3	86.50	L	65.01	66.54	50.01
7.800	-0.2	-1.8	59.46	L	45.02	45.74	34.63
7.900	-1.6	-18.7	-59.05	L	-54.19	-45.42	-41.69
8.000	-3.4	-40.4	-98.61	L	-90.73	-75.85	-69.79
8.000	-3.4	-40.4	-98.61	L	-90.73	-75.85	-69.79
8.100	-1.6	-18.5	-58.97	R	-54.22	-45.36	-41.71
8.200	-0.1	-1.3	59.31	R	44.67	45.63	34.37
8.300	0.9	11.0	86.35	R	65.14	66.42	50.10
8.400	1.5	18.6	96.86	R	77.41	74.51	59.55
8.500	1.7	21.4	94.50	L	82.27	72.69	63.28
8.600	1.6	19.3	96.80	L	77.45	74.46	59.58
8.700	1.0	12.4	86.27	L	65.22	66.36	50.17
8.800	0.1	0.6	59.21	L	45.36	45.54	34.89
8.900	-1.2	-15.8	-58.50	L	-52.89	-45.00	-40.69
9.000	-3.0	-37.1	-98.42	R	-89.22	-75.71	-68.63
9.000	-3.0	-37.1	-98.42	R	-89.22	-75.71	-68.63
9.100	-1.3	-16.7	-59.12	R	-53.40	-45.48	-41.08
9.200	-0.1	-1.1	59.51	R	44.81	45.77	34.47
9.300	0.7	9.7	86.13	R	64.61	66.26	49.70
9.400	1.1	15.7	96.21	R	76.12	74.01	58.56
9.500	1.2	17.0	94.19	L	80.19	72.45	61.68
9.600	0.8	13.3	96.18	L	74.54	73.99	57.34
9.700	0.1	4.9	85.29	L	61.51	65.61	47.32
9.800	-1.1	-8.4	57.94	L	41.09	44.57	31.61
9.900	-2.6	-26.4	-67.25	L	-58.45	-51.73	-44.96
10.000	-4.5	-49.2	-103.15	R	-95.79	-79.35	-73.68

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-49.2	-103.15	R	-95.79	-79.35	-73.68
10.100	-2.0	-22.7	-62.59	R	-57.89	-48.15	-44.53
10.200	0.1	-1.0	64.71	R	48.02	49.78	36.94
10.300	1.7	16.0	100.16	R	72.41	77.04	55.70
10.400	2.9	28.2	115.63	R	89.31	88.94	68.70
10.500	3.6	35.6	121.64	R	99.43	93.57	76.48
10.600	3.8	38.0	128.91	R	99.72	99.16	76.71
10.700	3.5	35.7	128.62	R	91.30	98.94	70.23
10.800	2.8	28.6	109.04	R	71.51	83.87	55.01
10.900	1.6	16.7	66.99	R	41.83	51.53	32.18
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending Top	Moment Capacity Positive Bending Bott.	Moment Capacity Negative Bending Top	Moment Capacity Negative Bending Bott.	Available Capacity for LL+I Positive Bending Top	Available Capacity for LL+I Positive Bending Bott.	Available Capacity for LL+I Negative Bending Top	Available Capacity for LL+I Negative Bending Bott.
1.000	235.9C	206.0	-206.0	-235.9C	235.9	206.0	-206.0	-235.9
1.100	235.9C	206.0	-206.0	-235.9C	224.9	195.0	-216.9	-246.9
1.200	235.9C	206.0	-206.0	-235.9C	217.1	187.1	-224.8	-254.8
1.300	235.9C	206.0	-206.0	-235.9C	212.4	182.4	-229.5	-259.5
1.400	235.9C	206.0	-206.0	-235.9C	210.8	180.9	-231.0	-261.0
1.500	235.9C	206.0	-206.0	-235.9C	212.5	182.5	-229.4	-259.4
1.600	235.9C	206.0	-206.0	-235.9C	217.3	187.3	-224.6	-254.5
1.700	235.9C	206.0	-206.0	-235.9C	225.3	195.3	-216.6	-246.6
1.800	235.9C	206.0	-206.0	-235.9C	236.4	206.5	-205.4	-235.4
1.900	235.9C	206.0	-206.0	-235.9C	250.7	220.8	-191.1	-221.1
2.000	235.9C	206.0	-206.0	-235.9C	268.2	238.2	-173.7	-203.7
2.000	195.0C	170.5	-170.5	-195.0C	227.3	202.7	-138.2	-162.7
2.100	195.0C	170.5	-170.5	-195.0C	212.4	187.9	-153.0	-177.6
2.200	195.0C	170.5	-170.5	-195.0C	200.7	176.1	-164.8	-189.3
2.300	195.0C	170.5	-170.5	-195.0C	192.0	167.5	-173.4	-198.0
2.400	195.0C	170.5	-170.5	-195.0C	186.5	162.0	-179.0	-203.5
2.500	195.0C	170.5	-170.5	-195.0C	184.1	159.5	-181.4	-205.9
2.600	195.0C	170.5	-170.5	-195.0C	184.9	160.3	-180.6	-205.1
2.700	195.0C	170.5	-170.5	-195.0C	188.7	164.2	-176.7	-201.3
2.800	195.0C	170.5	-170.5	-195.0C	195.7	171.2	-169.7	-194.3
2.900	195.0C	170.5	-170.5	-195.0C	205.8	181.3	-159.6	-184.2

3.000	195.0C	170.5	-170.5	-195.0C	219.0	194.5	-146.4	-171.0

3.000	195.0C	170.5	-170.5	-195.0C	219.0	194.5	-146.4	-171.0
3.100	195.0C	170.5	-170.5	-195.0C	205.2	180.7	-160.2	-184.8
3.200	195.0C	170.5	-170.5	-195.0C	194.5	170.0	-170.9	-195.5
3.300	195.0C	170.5	-170.5	-195.0C	186.9	162.4	-178.5	-203.1
3.400	195.0C	170.5	-170.5	-195.0C	182.4	157.9	-183.0	-207.5
3.500	195.0C	170.5	-170.5	-195.0C	181.1	156.5	-184.4	-208.9
3.600	195.0C	170.5	-170.5	-195.0C	182.9	158.4	-182.6	-207.1
3.700	195.0C	170.5	-170.5	-195.0C	187.8	163.3	-177.6	-202.2
3.800	195.0C	170.5	-170.5	-195.0C	195.8	171.3	-169.6	-194.1
3.900	195.0C	170.5	-170.5	-195.0C	207.0	182.5	-158.5	-183.0
4.000	195.0C	170.5	-170.5	-195.0C	221.2	196.7	-144.2	-168.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	195.0C	170.5	-170.5	-195.0C	221.2	196.7	-144.2	-168.8
4.100	195.0C	170.5	-170.5	-195.0C	207.2	182.6	-158.3	-182.8
4.200	195.0C	170.5	-170.5	-195.0C	196.2	171.6	-169.3	-193.8
4.300	195.0C	170.5	-170.5	-195.0C	188.3	163.8	-177.2	-201.7
4.400	195.0C	170.5	-170.5	-195.0C	183.5	159.0	-181.9	-206.5
4.500	196.9C	164.9	-169.3	-196.9C	183.8	151.8	-182.4	-210.0
4.600	195.0C	170.5	-170.5	-195.0C	183.4	158.9	-182.0	-206.6
4.700	195.0C	170.5	-170.5	-195.0C	188.1	163.5	-177.4	-201.9
4.800	195.0C	170.5	-170.5	-195.0C	195.8	171.3	-169.6	-194.2
4.900	195.0C	170.5	-170.5	-195.0C	206.7	182.1	-158.8	-183.3
5.000	195.0C	170.5	-170.5	-195.0C	220.6	196.1	-144.8	-169.4
5.000	195.0C	170.5	-170.5	-195.0C	220.6	196.1	-144.8	-169.4
5.100	195.0C	170.5	-170.5	-195.0C	206.6	182.1	-158.8	-183.4
5.200	195.0C	170.5	-170.5	-195.0C	195.7	171.2	-169.7	-194.3
5.300	195.0C	170.5	-170.5	-195.0C	187.9	163.4	-177.5	-202.0
5.400	195.0C	170.5	-170.5	-195.0C	183.3	158.7	-182.2	-206.7
5.500	196.9C	164.9	-169.3	-196.9C	183.6	151.6	-182.6	-210.2
5.600	195.0C	170.5	-170.5	-195.0C	183.3	158.8	-182.2	-206.7
5.700	195.0C	170.5	-170.5	-195.0C	188.0	163.5	-177.4	-202.0
5.800	195.0C	170.5	-170.5	-195.0C	195.9	171.3	-169.6	-194.1
5.900	195.0C	170.5	-170.5	-195.0C	206.8	182.3	-158.7	-183.2

6.000	195.0C	170.5	-170.5	-195.0C	220.8	196.3	-144.6	-169.2

6.000	195.0C	170.5	-170.5	-195.0C	220.8	196.3	-144.6	-169.2

6.100	195.0C	170.5	-170.5	-195.0C	206.8	182.3	-158.7	-183.2
6.200	195.0C	170.5	-170.5	-195.0C	195.8	171.3	-169.6	-194.1
6.300	195.0C	170.5	-170.5	-195.0C	188.0	163.5	-177.4	-202.0
6.400	195.0C	170.5	-170.5	-195.0C	183.3	158.8	-182.2	-206.7
6.500	195.0C	170.5	-170.5	-195.0C	181.7	157.1	-183.8	-208.3
6.600	195.0C	170.5	-170.5	-195.0C	183.2	158.7	-182.2	-206.7
6.700	195.0C	170.5	-170.5	-195.0C	187.9	163.4	-177.5	-202.1
6.800	195.0C	170.5	-170.5	-195.0C	195.7	171.2	-169.7	-194.3
6.900	195.0C	170.5	-170.5	-195.0C	206.6	182.1	-158.8	-183.4
7.000	195.0C	170.5	-170.5	-195.0C	220.6	196.1	-144.8	-169.4

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	195.0C	170.5	-170.5	-195.0C	220.6	196.1	-144.8	-169.4
7.100	195.0C	170.5	-170.5	-195.0C	206.7	182.1	-158.8	-183.3
7.200	195.0C	170.5	-170.5	-195.0C	195.8	171.3	-169.7	-194.2
7.300	195.0C	170.5	-170.5	-195.0C	188.1	163.5	-177.4	-201.9
7.400	195.0C	170.5	-170.5	-195.0C	183.4	158.9	-182.0	-206.6
7.500	195.0C	170.5	-170.5	-195.0C	181.9	157.3	-183.6	-208.1
7.600	195.0C	170.5	-170.5	-195.0C	183.5	159.0	-181.9	-206.5
7.700	195.0C	170.5	-170.5	-195.0C	188.3	163.8	-177.1	-201.7
7.800	195.0C	170.5	-170.5	-195.0C	196.2	171.6	-169.3	-193.8
7.900	195.0C	170.5	-170.5	-195.0C	207.2	182.6	-158.3	-182.8
8.000	195.0C	170.5	-170.5	-195.0C	221.2	196.7	-144.2	-168.7
8.000	195.0C	170.5	-170.5	-195.0C	221.2	196.7	-144.2	-168.7
8.100	195.0C	170.5	-170.5	-195.0C	207.0	182.5	-158.4	-183.0
8.200	195.0C	170.5	-170.5	-195.0C	195.9	171.3	-169.6	-194.1
8.300	195.0C	170.5	-170.5	-195.0C	187.8	163.3	-177.6	-202.1
8.400	195.0C	164.9	-169.3	-195.0C	182.9	152.8	-181.4	-207.1
8.500	196.9C	164.9	-169.3	-196.9C	183.0	151.0	-183.2	-210.8
8.600	195.0C	164.9	-169.3	-195.0C	182.5	152.4	-181.8	-207.5
8.700	195.0C	170.5	-170.5	-195.0C	187.0	162.4	-178.5	-203.0
8.800	195.0C	170.5	-170.5	-195.0C	194.5	170.0	-170.9	-195.4
8.900	195.0C	170.5	-170.5	-195.0C	205.2	180.7	-160.2	-184.8

9.000	195.0C	170.5	-170.5	-195.0C	219.0	194.5	-146.4	-171.0

9.000	195.0C	170.5	-170.5	-195.0C	219.0	194.5	-146.4	-171.0
9.100	195.0C	170.5	-170.5	-195.0C	205.8	181.3	-159.6	-184.2
9.200	195.0C	170.5	-170.5	-195.0C	195.7	171.2	-169.7	-194.3
9.300	195.0C	170.5	-170.5	-195.0C	188.7	164.2	-176.7	-201.2
9.400	195.0C	170.5	-170.5	-195.0C	184.9	160.3	-180.6	-205.1
9.500	195.0C	170.5	-170.5	-195.0C	184.1	159.5	-181.4	-205.9
9.600	195.0C	170.5	-170.5	-195.0C	186.5	162.0	-179.0	-203.5
9.700	195.0C	170.5	-170.5	-195.0C	192.0	167.5	-173.4	-198.0
9.800	195.0C	170.5	-170.5	-195.0C	200.7	176.1	-164.8	-189.3
9.900	195.0C	170.5	-170.5	-195.0C	212.4	187.9	-153.1	-177.6
10.000	195.0C	170.5	-170.5	-195.0C	227.2	202.7	-138.2	-162.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	235.9C	170.5	-170.5	-235.9C	268.2	202.7	-138.2	-203.7
10.100	235.9C	206.0	-206.0	-235.9C	250.7	220.8	-191.1	-221.1
10.200	235.9C	206.0	-206.0	-235.9C	236.4	206.5	-205.4	-235.4
10.300	235.9C	206.0	-206.0	-235.9C	225.3	195.3	-216.6	-246.6
10.400	235.9C	206.0	-206.0	-235.9C	217.3	187.3	-224.6	-254.6
10.500	235.9C	206.0	-206.0	-235.9C	212.4	182.5	-229.4	-259.4
10.600	235.9C	206.0	-206.0	-235.9C	210.8	180.9	-231.0	-261.0
10.700	235.9C	206.0	-206.0	-235.9C	212.4	182.4	-229.5	-259.5
10.800	235.9C	206.0	-206.0	-235.9C	217.1	187.1	-224.8	-254.8
10.900	235.9C	206.0	-206.0	-235.9C	224.9	195.0	-216.9	-246.9
11.000	235.9C	206.0	-206.0	-235.9C	235.9	206.0	-206.0	-235.9

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	3.36	34.28	2.91	39.01	HS 58.21	104.8
1.200	1.99	17.76	1.72	20.12	HS 34.32	61.8
1.300	1.65	12.09	1.42	13.66	HS 28.37	51.1
1.400	1.64	9.12	1.40	10.31	HS 28.06	50.5
1.500	1.75	7.25	1.50	8.20	HS 30.00	54.0
1.600	1.88	5.91	1.62	6.70	HS 32.40	58.3
1.700	2.25	4.89	1.95	5.57	HS 39.00	70.2
1.800	3.65	4.06	3.19	4.65	HS 63.82	114.9
1.900	10.51	3.05	9.25	3.53	HS 61.09	110.0
2.000	15.81	1.67	14.05	1.96	HS 33.45	60.2
2.000	13.40	1.33	11.95	1.57	HS 26.61	47.9
2.100	9.95	2.28	8.80	2.64	HS 45.51	81.9
2.200	3.46	3.00	3.04	3.44	HS 59.95	107.9
2.300	2.25	3.80	1.96	4.34	HS 39.28	70.7
2.400	1.94	4.93	1.68	5.61	HS 33.68	60.6
2.500	1.95	6.73	1.69	7.64	HS 33.88	61.0
2.600	1.92	6.00	1.67	6.82	HS 33.33	60.0
2.700	2.19	4.66	1.91	5.31	HS 38.14	68.6
2.800	3.29	3.71	2.88	4.24	HS 57.57	103.6
2.900	8.09	2.70	7.12	3.12	HS 54.10	97.4
3.000	11.10	1.49	9.85	1.74	HS 29.78	53.6
3.000	11.10	1.49	9.85	1.74	HS 29.78	53.6
3.100	7.92	2.74	6.97	3.16	HS 54.77	98.6
3.200	3.28	3.78	2.87	4.33	HS 57.31	103.2
3.300	2.16	4.76	1.88	5.41	HS 37.59	67.7
3.400	1.88	6.13	1.63	6.96	HS 32.58	58.6
3.500	1.91	8.22	1.65	9.31	HS 33.07	59.5
3.600	1.88	6.04	1.63	6.85	HS 32.65	58.8
3.700	2.17	4.68	1.89	5.32	HS 37.76	68.0
3.800	3.30	3.70	2.88	4.24	HS 57.64	103.8
3.900	8.26	2.68	7.28	3.10	HS 53.70	96.7
4.000	13.45	1.46	11.96	1.71	HS 29.27	52.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	13.45	1.46	11.96	1.71	HS 29.27	52.7
4.100	8.17	2.69	7.20	3.10	HS 53.72	96.7
4.200	3.30	3.70	2.89	4.24	HS 57.81	104.1
4.300	2.18	4.67	1.89	5.31	HS 37.90	68.2
4.400	1.89	6.03	1.64	6.84	HS 32.80	59.0
4.500	1.94	8.01	1.60	9.22	HS 32.08	57.7
4.600	1.89	6.03	1.64	6.84	HS 32.77	59.0
4.700	2.18	4.67	1.89	5.32	HS 37.84	68.1
4.800	3.30	3.71	2.88	4.24	HS 57.67	103.8
4.900	8.18	2.69	7.21	3.11	HS 53.82	96.9
5.000	13.21	1.47	11.74	1.72	HS 29.38	52.9
5.000	13.21	1.47	11.74	1.72	HS 29.38	52.9
5.100	8.04	2.69	7.09	3.11	HS 53.83	96.9
5.200	3.30	3.71	2.88	4.24	HS 57.64	103.8
5.300	2.17	4.67	1.89	5.32	HS 37.81	68.1
5.400	1.89	6.03	1.64	6.84	HS 32.74	58.9
5.500	1.94	8.03	1.60	9.25	HS 32.04	57.7
5.600	1.89	6.03	1.64	6.85	HS 32.75	58.9
5.700	2.17	4.67	1.89	5.32	HS 37.83	68.1
5.800	3.30	3.71	2.88	4.24	HS 57.69	103.8
5.900	8.20	2.69	7.23	3.11	HS 53.81	96.9
6.000	13.27	1.47	11.80	1.72	HS 29.34	52.8
6.000	13.27	1.47	11.80	1.72	HS 29.34	52.8
6.100	8.06	2.69	7.10	3.10	HS 53.77	96.8
6.200	3.30	3.70	2.88	4.24	HS 57.64	103.8
6.300	2.17	4.67	1.89	5.31	HS 37.80	68.0
6.400	1.89	6.03	1.64	6.84	HS 32.73	58.9
6.500	1.92	8.08	1.66	9.16	HS 33.19	59.7
6.600	1.89	6.03	1.64	6.84	HS 32.72	58.9
6.700	2.17	4.67	1.89	5.32	HS 37.79	68.0
6.800	3.29	3.71	2.88	4.25	HS 57.61	103.7
6.900	8.17	2.69	7.20	3.11	HS 53.86	96.9
7.000	13.19	1.47	11.73	1.72	HS 29.39	52.9

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	13.19	1.47	11.73	1.72	HS 29.39	52.9
7.100	8.04	2.69	7.09	3.11	HS 53.85	96.9
7.200	3.30	3.71	2.88	4.24	HS 57.64	103.7
7.300	2.17	4.67	1.89	5.32	HS 37.82	68.1
7.400	1.89	6.03	1.64	6.84	HS 32.76	59.0
7.500	1.92	8.04	1.66	9.11	HS 33.23	59.8
7.600	1.89	6.01	1.64	6.82	HS 32.78	59.0
7.700	2.18	4.66	1.89	5.30	HS 37.87	68.2
7.800	3.30	3.69	2.89	4.23	HS 57.74	103.9
7.900	8.30	2.68	7.32	3.10	HS 53.61	96.5
8.000	13.48	1.46	11.98	1.71	HS 29.25	52.6
8.000	13.48	1.46	11.98	1.71	HS 29.25	52.6
8.100	8.12	2.69	7.16	3.10	HS 53.74	96.7
8.200	3.30	3.71	2.89	4.25	HS 57.77	104.0
8.300	2.17	4.68	1.89	5.33	HS 37.83	68.1
8.400	1.89	6.02	1.58	6.87	HS 31.55	56.8
8.500	1.94	8.19	1.60	9.42	HS 31.96	57.5
8.600	1.88	6.10	1.57	6.97	HS 31.48	56.7
8.700	2.17	4.76	1.88	5.42	HS 37.66	67.8
8.800	3.29	3.79	2.87	4.33	HS 57.43	103.4
8.900	8.06	2.74	7.10	3.16	HS 54.77	98.6
9.000	11.11	1.49	9.86	1.74	HS 29.75	53.6
9.000	11.11	1.49	9.86	1.74	HS 29.75	53.6
9.100	7.95	2.70	7.00	3.12	HS 54.00	97.2
9.200	3.29	3.70	2.88	4.24	HS 57.54	103.6
9.300	2.19	4.65	1.91	5.30	HS 38.13	68.6
9.400	1.92	5.99	1.67	6.81	HS 33.33	60.0
9.500	1.95	6.73	1.69	7.64	HS 33.88	61.0
9.600	1.94	4.93	1.68	5.61	HS 33.68	60.6
9.700	2.25	3.80	1.96	4.34	HS 39.28	70.7
9.800	3.46	3.00	3.04	3.44	HS 59.95	107.9
9.900	10.15	2.28	8.97	2.64	HS 45.52	81.9
10.000	13.37	1.34	11.93	1.58	HS 26.80	48.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	15.78	1.34	11.93	1.98	HS 26.80	48.2
10.100	10.31	3.05	9.08	3.53	HS 61.08	109.9
10.200	3.65	4.06	3.19	4.65	HS 63.81	114.9
10.300	2.25	4.89	1.95	5.56	HS 39.00	70.2
10.400	1.88	5.91	1.62	6.70	HS 32.40	58.3
10.500	1.75	7.25	1.50	8.20	HS 30.00	54.0
10.600	1.64	9.12	1.40	10.31	HS 28.06	50.5
10.700	1.65	12.08	1.42	13.66	HS 28.37	51.1
10.800	1.99	17.76	1.72	20.12	HS 34.32	61.8
10.900	3.36	34.27	2.91	39.01	HS 58.20	104.8
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	32.05	24.73	24.65	19.02
1.100	0.6	5.7	26.80	21.22	20.61	16.32
1.200	0.4	3.8	21.81	17.88	16.77	13.76
1.300	0.2	1.9	17.15	14.75	13.19	11.35
1.400	0.0	-0.1	12.89	11.84	9.92	9.11
1.500	-0.2	-2.0	-15.05	-13.91	-11.58	-10.70
1.600	-0.4	-3.9	-18.18	-16.65	-13.99	-12.80
1.700	-0.6	-5.8	-23.28	-19.33	-17.90	-14.87
1.800	-0.7	-7.7	-28.19	-21.93	-21.68	-16.87
1.900	-0.9	-9.6	-32.68	-24.39	-25.14	-18.76
2.000	-1.1	-11.6	-36.70	-26.68	-28.23	-20.52
2.000	0.9	-11.6	34.97	26.43	26.90	20.33
2.100	0.7	8.2	30.29	23.89	23.30	18.38
2.200	0.5	6.3	25.55	21.10	19.66	16.23
2.300	0.4	4.3	20.69	18.16	15.92	13.97
2.400	0.2	2.4	16.99	15.17	13.07	11.67
2.500	0.1	0.5	13.30	12.23	10.23	9.40
2.600	-0.1	-1.5	-16.73	-14.74	-12.87	-11.34
2.700	-0.3	-3.4	-20.47	-17.73	-15.75	-13.64
2.800	-0.4	-5.3	-25.30	-20.69	-19.46	-15.92
2.900	-0.6	-7.2	-30.02	-23.52	-23.10	-18.09
3.000	-0.7	-9.1	-34.45	-26.10	-26.50	-20.08
3.000	0.8	9.5	34.53	26.28	26.56	20.22
3.100	0.6	7.6	30.12	23.71	23.17	18.24
3.200	0.5	5.6	25.40	20.91	19.54	16.08
3.300	0.3	3.7	20.57	17.96	15.83	13.81
3.400	0.1	1.8	16.77	14.97	12.90	11.51
3.500	0.0	-0.1	13.12	-12.11	10.09	-9.31
3.600	-0.2	-2.1	-16.78	-15.04	-12.90	-11.57
3.700	-0.3	-4.0	-20.56	-18.03	-15.82	-13.87
3.800	-0.5	-5.9	-25.39	-20.98	-19.53	-16.14
3.900	-0.6	-7.8	-30.11	-23.79	-23.16	-18.30
4.000	-0.8	-9.7	-34.52	-26.36	-26.56	-20.28

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	34.53	26.35	26.56	20.27
4.100	0.6	7.7	30.12	23.78	23.17	18.29
4.200	0.5	5.8	25.40	20.97	19.54	16.13
4.300	0.3	3.9	20.57	18.02	15.82	13.86
4.400	0.2	2.0	16.78	15.04	12.91	11.57
4.500	0.0	0.1	13.12	12.10	10.10	9.31
4.600	-0.2	-1.9	-16.78	-15.01	-12.91	-11.55
4.700	-0.3	-3.8	-20.57	-18.00	-15.82	-13.85
4.800	-0.5	-5.7	-25.40	-20.95	-19.54	-16.11
4.900	-0.6	-7.7	-30.11	-23.76	-23.17	-18.28
5.000	-0.8	-9.6	-34.53	-26.33	-26.56	-20.25
5.000	0.8	9.6	34.53	26.34	26.56	20.26
5.100	0.6	7.7	30.12	23.77	23.17	18.29
5.200	0.5	5.8	25.40	20.96	19.54	16.12
5.300	0.3	3.8	20.57	18.01	15.82	13.86
5.400	0.2	1.9	16.78	15.03	12.91	11.56
5.500	0.0	0.0	13.12	-12.10	10.10	-9.31
5.600	-0.2	-2.0	-16.78	-15.03	-12.91	-11.56
5.700	-0.3	-3.9	-20.57	-18.02	-15.82	-13.86
5.800	-0.5	-5.8	-25.40	-20.97	-19.54	-16.13
5.900	-0.6	-7.7	-30.12	-23.78	-23.17	-18.29
6.000	-0.8	-9.6	-34.53	-26.35	-26.56	-20.27
6.000	0.8	9.6	34.53	26.35	26.56	20.27
6.100	0.6	7.7	30.12	23.78	23.17	18.29
6.200	0.5	5.8	25.40	20.97	19.54	16.13
6.300	0.3	3.9	20.57	18.02	15.82	13.86
6.400	0.2	2.0	16.78	15.03	12.91	11.56
6.500	0.0	0.1	13.12	12.10	10.10	9.31
6.600	-0.2	-1.9	-16.78	-15.03	-12.91	-11.56
6.700	-0.3	-3.8	-20.57	-18.01	-15.82	-13.86
6.800	-0.5	-5.8	-25.40	-20.96	-19.54	-16.13
6.900	-0.6	-7.7	-30.12	-23.77	-23.17	-18.29
7.000	-0.8	-9.6	-34.53	-26.34	-26.56	-20.26

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	34.53	26.33	26.56	20.25
7.100	0.6	7.6	30.12	23.76	23.17	18.28
7.200	0.5	5.7	25.40	20.95	19.54	16.12
7.300	0.3	3.8	20.57	18.00	15.82	13.85
7.400	0.2	1.9	16.78	15.01	12.91	11.55
7.500	0.0	0.0	13.13	-12.10	10.10	-9.31
7.600	-0.2	-2.0	-16.78	-15.04	-12.91	-11.57
7.700	-0.3	-3.9	-20.57	-18.02	-15.82	-13.86
7.800	-0.5	-5.8	-25.40	-20.97	-19.54	-16.13
7.900	-0.6	-7.7	-30.12	-23.78	-23.17	-18.29
8.000	-0.8	-9.6	-34.53	-26.35	-26.56	-20.27
8.000	0.8	9.7	34.52	26.36	26.56	20.28
8.100	0.6	7.8	30.11	23.79	23.16	18.30
8.200	0.5	5.9	25.39	20.98	19.53	16.14
8.300	0.3	4.0	20.56	18.03	15.82	13.87
8.400	0.2	2.1	16.78	15.04	12.90	11.57
8.500	0.0	0.2	13.12	12.11	10.09	9.31
8.600	-0.1	-1.8	-16.77	-14.97	-12.90	-11.51
8.700	-0.3	-3.7	-20.57	-17.96	-15.82	-13.81
8.800	-0.5	-5.6	-25.40	-20.90	-19.54	-16.08
8.900	-0.6	-7.6	-30.12	-23.71	-23.17	-18.24
9.000	-0.8	-9.5	-34.53	-26.28	-26.56	-20.22
9.000	0.7	-9.5	34.45	26.10	26.50	20.08
9.100	0.6	7.2	30.02	23.52	23.10	18.09
9.200	0.4	5.3	25.30	20.69	19.46	15.92
9.300	0.3	3.4	20.47	17.73	15.75	13.64
9.400	0.1	1.5	16.73	14.74	12.87	11.34
9.500	-0.1	-0.5	-13.30	-12.23	-10.23	-9.41
9.600	-0.2	-2.4	-16.99	-15.17	-13.07	-11.67
9.700	-0.4	-4.3	-20.70	-18.16	-15.92	-13.97
9.800	-0.5	-6.2	-25.56	-21.10	-19.66	-16.23
9.900	-0.7	-8.2	-30.29	-23.89	-23.30	-18.38
10.000	-0.9	-10.1	-34.70	-26.43	-26.69	-20.33

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	36.70	26.68	28.23	20.52
10.100	0.9	9.6	32.68	24.39	25.14	18.76
10.200	0.7	7.7	28.18	21.93	21.68	16.87
10.300	0.6	5.8	23.28	19.33	17.90	14.87
10.400	0.4	3.9	18.18	16.65	13.99	12.80
10.500	0.2	2.0	15.05	13.91	11.58	10.70
10.600	0.0	0.1	-12.89	-11.84	-9.92	-9.11
10.700	-0.2	-1.9	-17.15	-14.75	-13.19	-11.35
10.800	-0.4	-3.8	-21.81	-17.89	-16.77	-13.76
10.900	-0.6	-5.7	-26.80	-21.22	-20.61	-16.32
11.000	-0.8	-7.6	-32.05	-24.73	-24.65	-19.02

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	110.8	-90.2	80.2
1.100	110.8	-89.0	81.4
1.200	110.8	-87.7	82.7
1.300	110.8	-86.5	84.0
1.400	110.8	-85.2	85.2
1.500	110.8	-83.9	86.5
1.600	110.8	-82.6	87.8
1.700	110.8	-81.4	89.0
1.800	110.8	-80.1	90.3
1.900	110.8	-78.9	91.6
2.000	110.8	-77.6	92.8
2.000	96.5	-77.6	67.6
2.100	96.5	-79.5	68.9
2.200	96.5	-78.3	70.1
2.300	96.5	-77.0	71.4
2.400	96.5	-75.8	72.6
2.500	96.5	-74.6	73.9
2.600	96.5	-73.3	75.1
2.700	96.5	-72.0	76.4
2.800	96.5	-70.8	77.6
2.900	96.5	-69.5	78.9
3.000	96.5	-68.3	74.6
3.000	96.5	-68.3	68.1
3.100	96.5	-79.1	69.3
3.200	96.5	-77.9	70.5
3.300	96.5	-76.6	71.8
3.400	96.5	-75.4	73.0
3.500	96.5	-74.1	74.3
3.600	96.5	-72.9	75.6
3.700	96.5	-71.6	76.8
3.800	96.5	-70.4	78.0
3.900	96.5	-69.1	79.3
4.000	96.5	-67.9	74.7

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	96.5	-67.9	68.0
4.100	96.5	-79.2	69.2
4.200	96.5	-78.0	70.4
4.300	96.5	-76.7	71.7
4.400	96.5	-75.5	72.9
4.500	96.5	-74.2	74.2
4.600	96.5	-73.0	75.4
4.700	96.5	-71.7	76.7
4.800	96.5	-70.5	77.9
4.900	96.5	-69.2	79.2
5.000	96.5	-68.0	74.7
5.000	96.5	-68.0	68.0
5.100	96.5	-79.2	69.2
5.200	96.5	-77.9	70.5
5.300	96.5	-76.7	71.7
5.400	96.5	-75.5	73.0
5.500	96.5	-74.2	74.2
5.600	96.5	-72.9	75.5
5.700	96.5	-71.7	76.7
5.800	96.5	-70.5	78.0
5.900	96.5	-69.2	79.2
6.000	96.5	-68.0	74.7
6.000	96.5	-68.0	68.0
6.100	96.5	-79.2	69.2
6.200	96.5	-78.0	70.4
6.300	96.5	-76.7	71.7
6.400	96.5	-75.5	72.9
6.500	96.5	-74.2	74.2
6.600	96.5	-73.0	75.5
6.700	96.5	-71.7	76.7
6.800	96.5	-70.5	77.9
6.900	96.5	-69.2	79.2
7.000	96.5	-68.0	74.7

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	96.5	-68.0	68.0
7.100	96.5	-79.2	69.2
7.200	96.5	-77.9	70.5
7.300	96.5	-76.7	71.7
7.400	96.5	-75.4	73.0
7.500	96.5	-74.2	74.2
7.600	96.5	-72.9	75.5
7.700	96.5	-71.7	76.7
7.800	96.5	-70.4	78.0
7.900	96.5	-69.2	79.2
8.000	96.5	-67.9	74.7
8.000	96.5	-67.9	67.9
8.100	96.5	-79.3	69.1
8.200	96.5	-78.0	70.4
8.300	96.5	-76.8	71.6
8.400	96.5	-75.6	72.9
8.500	96.5	-74.3	74.1
8.600	96.5	-73.0	75.4
8.700	96.5	-71.8	76.6
8.800	96.5	-70.5	77.9
8.900	96.5	-69.3	79.1
9.000	96.5	-68.1	74.7
9.000	96.5	-68.1	68.3
9.100	96.5	-78.9	69.5
9.200	96.5	-77.6	70.8
9.300	96.5	-76.4	72.0
9.400	96.5	-75.1	73.3
9.500	96.5	-73.9	74.5
9.600	96.5	-72.6	75.8
9.700	96.5	-71.4	77.0
9.800	96.5	-70.1	78.3
9.900	96.5	-68.9	79.5
10.000	96.5	-67.6	74.7

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	110.8	-67.6	77.6
10.100	110.8	-91.6	78.9
10.200	110.8	-90.3	80.1
10.300	110.8	-89.0	81.4
10.400	110.8	-87.8	82.6
10.500	110.8	-86.5	83.9
10.600	110.8	-85.2	85.2
10.700	110.8	-84.0	86.5
10.800	110.8	-82.7	87.7
10.900	110.8	-81.4	89.0
11.000	110.8	-80.2	85.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity (tons)
1.000	37.20	2.50	HS 50.04	90.1
1.100	28.10	3.04	HS 60.79	109.4
1.200	14.97	3.79	HS 75.85	136.5
1.300	9.94	4.90	HS 97.92	176.3
1.400	7.45	6.61	HS 132.23	238.0
1.500	5.58	8.89	HS 111.54	200.8
1.600	4.55	12.95	HS 90.90	163.6
1.700	3.50	19.09	HS 69.93	125.9
1.800	2.84	31.69	HS 56.85	102.3
1.900	2.41	67.60	HS 48.27	86.9
2.000	2.12	142.81	HS 42.29	76.1
2.000	2.12	1.93	HS 38.68	69.6
2.100	26.47	2.27	HS 45.49	81.9
2.200	18.76	2.74	HS 54.89	98.8
2.300	11.98	3.45	HS 68.98	124.2
2.400	8.42	4.27	HS 85.47	153.8
2.500	5.71	5.55	HS 111.04	199.9
2.600	4.38	7.98	HS 87.59	157.7
2.700	3.52	11.19	HS 70.37	126.7
2.800	2.80	17.11	HS 55.96	100.7
2.900	2.32	21.11	HS 46.33	83.4
3.000	1.98	19.98	HS 39.65	71.4
3.000	1.98	1.97	HS 39.42	71.0
3.100	24.50	2.30	HS 46.02	82.8
3.200	17.44	2.78	HS 55.54	100.0
3.300	11.37	3.49	HS 69.79	125.6
3.400	8.10	4.35	HS 87.08	156.7
3.500	5.65	5.66	HS 113.01	203.4
3.600	4.34	8.18	HS 86.85	156.3
3.700	3.48	11.52	HS 69.66	125.4
3.800	2.77	17.78	HS 55.43	99.8
3.900	2.30	25.35	HS 45.92	82.7
4.000	1.97	24.22	HS 39.33	70.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity (tons)
4.000	1.97	1.97	HS 39.33	70.8
4.100	24.80	2.30	HS 45.95	82.7
4.200	17.58	2.77	HS 55.46	99.8
4.300	11.44	3.48	HS 69.70	125.5
4.400	8.13	4.35	HS 86.92	156.5
4.500	5.66	5.65	HS 113.01	203.4
4.600	4.35	8.11	HS 86.97	156.6
4.700	3.49	11.39	HS 69.75	125.5
4.800	2.78	17.48	HS 55.50	99.9
4.900	2.30	24.65	HS 45.98	82.8
5.000	1.97	23.57	HS 39.39	70.9
5.000	1.97	1.97	HS 39.38	70.9
5.100	24.66	2.30	HS 45.97	82.8
5.200	17.49	2.78	HS 55.49	99.9
5.300	11.40	3.49	HS 69.73	125.5
5.400	8.11	4.35	HS 86.95	156.5
5.500	5.66	5.65	HS 113.06	203.5
5.600	4.35	8.12	HS 86.93	156.5
5.700	3.49	11.41	HS 69.71	125.5
5.800	2.77	17.52	HS 55.48	99.9
5.900	2.30	24.70	HS 45.96	82.7
6.000	1.97	23.61	HS 39.37	70.9
6.000	1.97	1.97	HS 39.37	70.9
6.100	24.72	2.30	HS 45.96	82.7
6.200	17.52	2.77	HS 55.48	99.9
6.300	11.41	3.49	HS 69.71	125.5
6.400	8.12	4.35	HS 86.93	156.5
6.500	5.66	5.65	HS 113.03	203.5
6.600	4.35	8.11	HS 86.95	156.5
6.700	3.49	11.40	HS 69.73	125.5
6.800	2.77	17.49	HS 55.49	99.9
6.900	2.30	24.63	HS 45.97	82.8
7.000	1.97	23.55	HS 39.38	70.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	1.97	1.97	HS 39.38	70.9
7.100	24.58	2.30	HS 45.98	82.8
7.200	17.47	2.78	HS 55.50	99.9
7.300	11.39	3.49	HS 69.74	125.5
7.400	8.11	4.35	HS 86.97	156.5
7.500	5.65	5.65	HS 113.07	203.5
7.600	4.35	8.13	HS 86.91	156.4
7.700	3.48	11.43	HS 69.70	125.5
7.800	2.77	17.57	HS 55.46	99.8
7.900	2.30	24.82	HS 45.95	82.7
8.000	1.97	23.73	HS 39.36	70.8
8.000	1.97	1.97	HS 39.33	70.8
8.100	25.36	2.30	HS 45.92	82.7
8.200	17.79	2.77	HS 55.43	99.8
8.300	11.52	3.48	HS 69.66	125.4
8.400	8.18	4.34	HS 86.86	156.3
8.500	5.66	5.65	HS 112.96	203.3
8.600	4.35	8.10	HS 87.08	156.7
8.700	3.49	11.37	HS 69.79	125.6
8.800	2.78	17.44	HS 55.55	100.0
8.900	2.30	24.52	HS 46.02	82.8
9.000	1.97	23.47	HS 39.43	71.0
9.000	1.97	1.98	HS 39.43	71.0
9.100	21.94	2.32	HS 46.33	83.4
9.200	17.10	2.80	HS 55.96	100.7
9.300	11.18	3.52	HS 70.38	126.7
9.400	7.98	4.38	HS 87.58	157.6
9.500	5.55	5.71	HS 111.09	200.0
9.600	4.27	8.42	HS 85.46	153.8
9.700	3.45	11.97	HS 68.97	124.1
9.800	2.74	18.75	HS 54.88	98.8
9.900	2.27	25.31	HS 45.48	81.9
10.000	1.95	23.78	HS 38.99	70.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	1.95	2.12	HS 38.99	70.2
10.100	67.57	2.41	HS 48.27	86.9
10.200	31.69	2.84	HS 56.86	102.3
10.300	19.09	3.50	HS 69.93	125.9
10.400	12.95	4.55	HS 90.90	163.6
10.500	8.89	5.57	HS 111.49	200.7
10.600	6.61	7.45	HS 132.22	238.0
10.700	4.90	9.94	HS 97.92	176.3
10.800	3.79	14.97	HS 75.85	136.5
10.900	3.04	28.10	HS 60.79	109.4
11.000	2.50	35.82	HS 50.04	90.1

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	214.2	214.2	-214.2	-214.2	214.2	214.2	-214.2	-214.2
1.100	221.5	221.5	-206.9	-206.9	203.2	203.2	-225.2	-225.2
1.200	226.7	226.7	-201.6	-201.6	195.4	195.4	-233.0	-233.0
1.300	229.9	229.9	-198.5	-198.5	190.7	190.7	-237.7	-237.7
1.400	230.9	230.9	-197.5	-197.5	189.1	189.1	-239.3	-239.3
1.500	229.8	229.8	-198.5	-198.5	190.7	190.7	-237.7	-237.7
1.600	226.6	226.6	-201.8	-201.8	195.6	195.6	-232.8	-232.8
1.700	221.3	221.3	-207.1	-207.1	203.6	203.6	-224.8	-224.8
1.800	213.8	213.8	-214.5	-214.5	214.7	214.7	-213.7	-213.7
1.900	204.3	204.3	-224.1	-224.1	229.0	229.0	-199.4	-199.4
2.000	192.7	192.7	-235.7	-235.7	246.4	246.4	-181.9	-181.9
2.000	155.8	155.8	-198.8	-198.8	209.5	209.5	-145.0	-145.0
2.100	165.7	165.7	-188.9	-188.9	194.7	194.7	-159.9	-159.9
2.200	173.5	173.5	-181.1	-181.1	182.9	183.0	-171.6	-171.6
2.300	179.3	179.3	-175.3	-175.3	174.3	174.3	-180.2	-180.2
2.400	182.9	182.9	-171.6	-171.6	168.8	168.8	-185.8	-185.8
2.500	184.6	184.6	-170.0	-170.0	166.4	166.4	-188.2	-188.2
2.600	184.0	184.0	-170.5	-170.5	167.1	167.1	-187.4	-187.4
2.700	181.5	181.5	-173.1	-173.1	171.0	171.0	-183.5	-183.5
2.800	176.8	176.8	-177.8	-177.8	178.0	178.0	-176.5	-176.6
2.900	170.1	170.1	-184.5	-184.5	188.1	188.1	-166.5	-166.5

3.000	161.3	161.3	-193.3	-193.3	201.3	201.3	-153.3	-153.3

3.000	161.3	161.3	-193.3	-193.3	201.3	201.3	-153.3	-153.3
3.100	170.5	170.5	-184.1	-184.1	187.5	187.5	-167.1	-167.1
3.200	177.6	177.6	-177.0	-177.0	176.8	176.8	-177.8	-177.8
3.300	182.7	182.7	-171.9	-171.9	169.2	169.2	-185.3	-185.3
3.400	185.6	185.6	-168.9	-168.9	164.7	164.7	-189.8	-189.8
3.500	186.6	186.6	-168.0	-168.0	163.3	163.4	-191.2	-191.2
3.600	185.3	185.4	-169.2	-169.2	165.2	165.2	-189.4	-189.4
3.700	182.1	182.1	-172.5	-172.5	170.1	170.1	-184.5	-184.5
3.800	176.7	176.7	-177.8	-177.9	178.1	178.1	-176.4	-176.4
3.900	169.3	169.3	-185.3	-185.3	189.3	189.3	-165.3	-165.3
4.000	159.8	159.8	-194.8	-194.8	203.5	203.5	-151.0	-151.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	159.8	159.8	-194.8	-194.8	203.5	203.5	-151.0	-151.0
4.100	169.2	169.2	-185.4	-185.4	189.4	189.4	-165.1	-165.1
4.200	176.5	176.5	-178.1	-178.1	178.5	178.5	-176.1	-176.1
4.300	181.7	181.7	-172.8	-172.8	170.6	170.6	-184.0	-184.0
4.400	184.9	184.9	-169.6	-169.6	165.8	165.8	-188.7	-188.7
4.500	184.8	180.2	-167.4	-162.7	163.0	158.4	-189.2	-184.6
4.600	185.0	185.0	-169.6	-169.6	165.7	165.7	-188.9	-188.9
4.700	181.9	181.9	-172.7	-172.7	170.3	170.4	-184.2	-184.2
4.800	176.7	176.7	-177.8	-177.8	178.1	178.1	-176.5	-176.5
4.900	169.5	169.5	-185.1	-185.1	189.0	189.0	-165.6	-165.6
5.000	160.2	160.2	-194.4	-194.4	202.9	202.9	-151.6	-151.6
5.000	160.2	160.2	-194.4	-194.4	202.9	202.9	-151.6	-151.6
5.100	169.5	169.5	-185.0	-185.0	188.9	188.9	-165.6	-165.6
5.200	176.8	176.8	-177.8	-177.8	178.0	178.0	-176.5	-176.5
5.300	182.0	182.0	-172.6	-172.6	170.2	170.2	-184.3	-184.3
5.400	185.1	185.1	-169.5	-169.5	165.5	165.5	-189.0	-189.0
5.500	185.0	180.4	-167.2	-162.6	162.8	158.2	-189.4	-184.8
5.600	185.1	185.1	-169.5	-169.5	165.6	165.6	-189.0	-189.0
5.700	181.9	181.9	-172.6	-172.6	170.3	170.3	-184.2	-184.3
5.800	176.7	176.7	-177.9	-177.9	178.1	178.1	-176.4	-176.4
5.900	169.4	169.4	-185.1	-185.1	189.1	189.1	-165.5	-165.5

6.000	160.1	160.1	-194.5	-194.5	203.1	203.1	-151.4	-151.4

6.000	160.1	160.1	-194.5	-194.5	203.1	203.1	-151.4	-151.4
6.100	169.4	169.4	-185.1	-185.1	189.1	189.1	-165.5	-165.5
6.200	176.7	176.7	-177.8	-177.9	178.1	178.1	-176.4	-176.4
6.300	181.9	181.9	-172.6	-172.6	170.3	170.3	-184.3	-184.3
6.400	185.1	185.1	-169.5	-169.5	165.6	165.6	-189.0	-189.0
6.500	186.2	186.2	-168.4	-168.4	163.9	164.0	-190.6	-190.6
6.600	185.1	185.1	-169.4	-169.4	165.5	165.5	-189.0	-189.0
6.700	182.0	182.0	-172.6	-172.6	170.2	170.2	-184.3	-184.3
6.800	176.8	176.8	-177.8	-177.8	178.0	178.0	-176.6	-176.6
6.900	169.5	169.5	-185.0	-185.0	188.9	188.9	-165.7	-165.7
7.000	160.2	160.2	-194.4	-194.4	202.9	202.9	-151.7	-151.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	160.2	160.2	-194.4	-194.4	202.9	202.9	-151.7	-151.7
7.100	169.5	169.5	-185.1	-185.1	188.9	188.9	-165.6	-165.6
7.200	176.7	176.7	-177.8	-177.8	178.1	178.1	-176.5	-176.5
7.300	181.9	181.9	-172.7	-172.7	170.3	170.3	-184.2	-184.2
7.400	185.0	185.0	-169.6	-169.6	165.7	165.7	-188.9	-188.9
7.500	186.0	186.0	-168.5	-168.5	164.2	164.2	-190.4	-190.4
7.600	184.9	184.9	-169.6	-169.6	165.8	165.8	-188.7	-188.7
7.700	181.7	181.7	-172.8	-172.8	170.6	170.6	-184.0	-184.0
7.800	176.5	176.5	-178.1	-178.1	178.5	178.5	-176.1	-176.1
7.900	169.2	169.2	-185.4	-185.4	189.4	189.4	-165.1	-165.1
8.000	159.8	159.8	-194.8	-194.8	203.5	203.5	-151.0	-151.0
8.000	159.8	159.8	-194.8	-194.8	203.5	203.5	-151.0	-151.0
8.100	169.3	169.3	-185.3	-185.3	189.3	189.3	-165.3	-165.3
8.200	176.7	176.7	-177.9	-177.9	178.2	178.2	-176.4	-176.4
8.300	182.0	182.1	-172.5	-172.5	170.1	170.1	-184.4	-184.4
8.400	184.2	179.5	-168.1	-163.4	164.0	159.4	-188.2	-183.6
8.500	185.4	180.8	-166.8	-162.2	162.2	157.6	-190.0	-185.4
8.600	184.4	179.8	-167.8	-163.1	163.6	159.0	-188.6	-184.0
8.700	182.6	182.6	-171.9	-171.9	169.2	169.2	-185.3	-185.3
8.800	177.6	177.6	-177.0	-177.0	176.8	176.8	-177.7	-177.7
8.900	170.4	170.5	-184.1	-184.1	187.5	187.5	-167.0	-167.0

9.000	161.2	161.3	-193.3	-193.3	201.3	201.3	-153.2	-153.2

9.000	161.2	161.3	-193.3	-193.3	201.3	201.3	-153.2	-153.2
9.100	170.1	170.1	-184.5	-184.5	188.1	188.1	-166.4	-166.4
9.200	176.8	176.8	-177.8	-177.8	178.0	178.0	-176.5	-176.5
9.300	181.4	181.4	-173.1	-173.1	171.0	171.0	-183.5	-183.5
9.400	184.0	184.0	-170.5	-170.5	167.1	167.1	-187.4	-187.4
9.500	184.6	184.6	-170.0	-170.0	166.4	166.4	-188.2	-188.2
9.600	182.9	182.9	-171.6	-171.6	168.8	168.8	-185.8	-185.8
9.700	179.3	179.3	-175.3	-175.3	174.3	174.3	-180.2	-180.2
9.800	173.5	173.5	-181.1	-181.1	182.9	183.0	-171.6	-171.6
9.900	165.7	165.7	-188.9	-188.9	194.7	194.7	-159.9	-159.9
10.000	155.8	155.8	-198.8	-198.8	209.5	209.5	-145.0	-145.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	155.8	155.8	-198.8	-198.8	209.5	209.5	-145.0	-145.0
10.100	204.3	204.3	-224.1	-224.1	229.0	229.0	-199.4	-199.4
10.200	213.8	213.8	-214.5	-214.5	214.7	214.7	-213.7	-213.7
10.300	221.3	221.3	-207.1	-207.1	203.6	203.6	-224.8	-224.8
10.400	226.6	226.6	-201.8	-201.8	195.6	195.6	-232.8	-232.8
10.500	229.8	229.8	-198.5	-198.5	190.7	190.7	-237.7	-237.7
10.600	230.9	230.9	-197.5	-197.5	189.1	189.1	-239.3	-239.3
10.700	229.9	229.9	-198.5	-198.5	190.7	190.7	-237.7	-237.7
10.800	226.7	226.7	-201.6	-201.6	195.4	195.4	-233.0	-233.0
10.900	221.5	221.5	-206.9	-206.9	203.2	203.2	-225.2	-225.2
11.000	214.2	214.2	-214.2	-214.2	214.2	214.2	-214.2	-214.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	3.03	35.58	3.03	35.58	HS 60.66	109.2
1.200	1.79	18.41	1.79	18.41	HS 35.83	64.5
1.300	1.48	12.52	1.48	12.52	HS 29.65	53.4
1.400	1.47	9.45	1.47	9.45	HS 29.34	52.8
1.500	1.57	7.51	1.57	7.51	HS 31.36	56.4
1.600	1.69	6.13	1.69	6.13	HS 33.83	60.9
1.700	2.03	5.07	2.03	5.07	HS 40.65	73.2
1.800	3.32	4.22	3.32	4.22	HS 66.36	119.5
1.900	9.60	3.19	9.60	3.19	HS 63.72	114.7
2.000	14.53	1.75	14.53	1.75	HS 35.03	63.1
2.000	12.35	1.40	12.35	1.40	HS 27.92	50.3
2.100	9.12	2.38	9.12	2.38	HS 47.54	85.6
2.200	3.16	3.12	3.16	3.12	HS 62.43	112.4
2.300	2.04	3.95	2.04	3.95	HS 40.87	73.6
2.400	1.75	5.12	1.75	5.12	HS 35.09	63.2
2.500	1.77	6.98	1.77	6.98	HS 35.33	63.6
2.600	1.74	6.23	1.74	6.23	HS 34.75	62.5
2.700	1.99	4.84	1.99	4.84	HS 39.72	71.5
2.800	2.99	3.86	2.99	3.86	HS 59.86	107.7
2.900	7.39	2.82	7.39	2.82	HS 56.41	101.5
3.000	10.20	1.56	10.20	1.56	HS 31.16	56.1
3.000	10.20	1.56	10.20	1.56	HS 31.16	56.1
3.100	7.24	2.86	7.24	2.86	HS 57.10	102.8
3.200	2.98	3.93	2.98	3.93	HS 59.60	107.3
3.300	1.96	4.94	1.96	4.94	HS 39.17	70.5
3.400	1.70	6.36	1.70	6.36	HS 33.98	61.2
3.500	1.73	8.52	1.73	8.52	HS 34.51	62.1
3.600	1.70	6.27	1.70	6.27	HS 34.05	61.3
3.700	1.97	4.85	1.97	4.85	HS 39.34	70.8
3.800	3.00	3.85	3.00	3.85	HS 59.93	107.9
3.900	7.55	2.80	7.55	2.80	HS 56.01	100.8
4.000	12.37	1.53	12.37	1.53	HS 30.65	55.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	12.37	1.53	12.37	1.53	HS 30.65	55.2
4.100	7.47	2.80	7.47	2.80	HS 56.03	100.9
4.200	3.01	3.85	3.01	3.85	HS 60.10	108.2
4.300	1.97	4.85	1.97	4.85	HS 39.47	71.1
4.400	1.71	6.25	1.71	6.25	HS 34.21	61.6
4.500	1.72	8.30	1.67	8.10	HS 33.47	60.3
4.600	1.71	6.25	1.71	6.25	HS 34.18	61.5
4.700	1.97	4.85	1.97	4.85	HS 39.41	70.9
4.800	3.00	3.86	3.00	3.86	HS 59.96	107.9
4.900	7.48	2.81	7.48	2.81	HS 56.13	101.0
5.000	12.15	1.54	12.15	1.54	HS 30.76	55.4
5.000	12.15	1.54	12.15	1.54	HS 30.76	55.4
5.100	7.35	2.81	7.35	2.81	HS 56.14	101.1
5.200	3.00	3.86	3.00	3.86	HS 59.94	107.9
5.300	1.97	4.85	1.97	4.85	HS 39.38	70.9
5.400	1.71	6.26	1.71	6.26	HS 34.14	61.5
5.500	1.72	8.33	1.67	8.13	HS 33.43	60.2
5.600	1.71	6.26	1.71	6.26	HS 34.16	61.5
5.700	1.97	4.85	1.97	4.85	HS 39.41	70.9
5.800	3.00	3.86	3.00	3.86	HS 59.99	108.0
5.900	7.50	2.81	7.50	2.81	HS 56.12	101.0
6.000	12.21	1.54	12.21	1.54	HS 30.73	55.3
6.000	12.21	1.54	12.21	1.54	HS 30.73	55.3
6.100	7.37	2.80	7.37	2.80	HS 56.08	100.9
6.200	3.00	3.85	3.00	3.85	HS 59.93	107.9
6.300	1.97	4.85	1.97	4.85	HS 39.38	70.9
6.400	1.71	6.25	1.71	6.25	HS 34.13	61.4
6.500	1.73	8.38	1.73	8.38	HS 34.63	62.3
6.600	1.71	6.26	1.71	6.26	HS 34.13	61.4
6.700	1.97	4.85	1.97	4.85	HS 39.36	70.9
6.800	2.99	3.86	2.99	3.86	HS 59.90	107.8
6.900	7.47	2.81	7.47	2.81	HS 56.17	101.1
7.000	12.14	1.54	12.14	1.54	HS 30.77	55.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	12.14	1.54	12.14	1.54	HS 30.77	55.4
7.100	7.35	2.81	7.35	2.81	HS 56.16	101.1
7.200	3.00	3.86	3.00	3.86	HS 59.93	107.9
7.300	1.97	4.85	1.97	4.85	HS 39.39	70.9
7.400	1.71	6.25	1.71	6.25	HS 34.16	61.5
7.500	1.73	8.34	1.73	8.34	HS 34.67	62.4
7.600	1.71	6.24	1.71	6.24	HS 34.18	61.5
7.700	1.97	4.84	1.97	4.84	HS 39.44	71.0
7.800	3.00	3.84	3.00	3.84	HS 60.03	108.1
7.900	7.59	2.80	7.59	2.80	HS 55.92	100.7
8.000	12.40	1.53	12.40	1.53	HS 30.63	55.1
8.000	12.40	1.53	12.40	1.53	HS 30.63	55.1
8.100	7.43	2.80	7.43	2.80	HS 56.05	100.9
8.200	3.00	3.86	3.00	3.86	HS 60.07	108.1
8.300	1.97	4.86	1.97	4.86	HS 39.40	70.9
8.400	1.69	6.24	1.65	6.09	HS 32.92	59.2
8.500	1.72	8.49	1.67	8.28	HS 33.35	60.0
8.600	1.69	6.33	1.64	6.18	HS 32.84	59.1
8.700	1.96	4.95	1.96	4.95	HS 39.24	70.6
8.800	2.99	3.94	2.99	3.94	HS 59.73	107.5
8.900	7.36	2.86	7.36	2.86	HS 57.10	102.8
9.000	10.21	1.56	10.21	1.56	HS 31.14	56.1
9.000	10.21	1.56	10.21	1.56	HS 31.14	56.1
9.100	7.27	2.82	7.27	2.82	HS 56.30	101.3
9.200	2.99	3.85	2.99	3.85	HS 59.83	107.7
9.300	1.99	4.83	1.99	4.83	HS 39.71	71.5
9.400	1.74	6.22	1.74	6.22	HS 34.75	62.5
9.500	1.77	6.98	1.77	6.98	HS 35.33	63.6
9.600	1.75	5.12	1.75	5.12	HS 35.10	63.2
9.700	2.04	3.95	2.04	3.95	HS 40.88	73.6
9.800	3.16	3.12	3.16	3.12	HS 62.43	112.4
9.900	9.30	2.38	9.30	2.38	HS 47.54	85.6
10.000	12.33	1.41	12.33	1.41	HS 28.12	50.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	12.33	1.41	12.33	1.41	HS 28.12	50.6
10.100	9.42	3.19	9.42	3.19	HS 63.71	114.7
10.200	3.32	4.22	3.32	4.22	HS 66.36	119.4
10.300	2.03	5.07	2.03	5.07	HS 40.65	73.2
10.400	1.69	6.13	1.69	6.13	HS 33.83	60.9
10.500	1.57	7.51	1.57	7.51	HS 31.36	56.4
10.600	1.47	9.45	1.47	9.45	HS 29.34	52.8
10.700	1.48	12.52	1.48	12.52	HS 29.65	53.4
10.800	1.79	18.41	1.79	18.41	HS 35.83	64.5
10.900	3.03	35.57	3.03	35.57	HS 60.66	109.2
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	66.99	L	41.83	51.53	32.18
1.200	2.8	28.6	109.03	L	71.50	83.87	55.00
1.300	3.5	35.7	128.61	L	91.30	98.93	70.23
1.400	3.8	38.0	128.91	L	99.72	99.16	76.71
1.500	3.6	35.6	121.64	L	99.42	93.57	76.48
1.600	2.9	28.2	115.62	L	89.30	88.94	68.69
1.700	1.7	16.0	100.15	L	72.40	77.04	55.69
1.800	0.1	-1.0	64.71	L	48.01	49.77	36.93
1.900	-2.0	-22.7	-62.58	L	-57.86	-48.14	-44.51
2.000	-4.5	-49.2	-103.87	L	-95.78	-79.90	-73.68
2.000	-4.5	-49.2	-103.87	L	-95.78	-79.90	-73.68
2.100	-2.6	-26.4	-67.25	R	-58.47	-51.73	-44.98
2.200	-1.1	-8.4	57.94	R	40.57	44.57	31.21
2.300	0.1	4.9	85.29	R	61.51	65.61	47.32
2.400	0.8	13.3	96.19	R	74.53	73.99	57.33
2.500	1.2	17.0	94.18	L	80.17	72.45	61.67
2.600	1.1	15.8	96.19	L	76.11	73.99	58.54
2.700	0.7	9.7	86.11	L	64.58	66.24	49.68
2.800	-0.1	-1.1	59.47	L	45.30	45.75	34.85
2.900	-1.3	-16.7	-59.02	L	-53.29	-45.40	-40.99
3.000	-3.0	-37.1	-98.36	L	-89.13	-75.66	-68.56
3.000	-3.0	-37.1	-98.36	L	-89.13	-75.66	-68.56
3.100	-1.2	-15.8	-58.52	R	-52.81	-45.01	-40.63
3.200	0.1	0.7	59.32	R	44.91	45.63	34.55
3.300	1.1	12.4	86.39	R	65.33	66.46	50.25
3.400	1.6	19.3	96.95	R	77.59	74.57	59.68
3.500	1.8	21.5	94.67	R	82.42	72.82	63.40
3.600	1.5	18.7	97.01	L	77.55	74.62	59.65
3.700	0.9	11.1	86.48	L	65.25	66.52	50.19
3.800	-0.1	-1.3	59.44	L	45.26	45.73	34.82
3.900	-1.6	-18.4	-59.02	L	-54.12	-45.40	-41.63
4.000	-3.4	-40.3	-98.56	L	-90.67	-75.82	-69.74

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.4	-40.3	-98.56	L	-90.67	-75.82	-69.74
4.100	-1.6	-18.7	-58.94	R	-54.17	-45.34	-41.67
4.200	-0.2	-1.8	59.38	R	44.46	45.68	34.20
4.300	0.8	10.4	86.43	R	64.95	66.49	49.96
4.400	1.4	17.7	96.95	R	77.27	74.58	59.44
4.500	1.6	20.3	94.63	R	82.17	72.79	63.21
4.600	1.4	17.9	96.96	L	77.37	74.59	59.52
4.700	0.8	10.7	86.45	L	65.15	66.50	50.11
4.800	-0.1	-1.2	59.40	L	45.26	45.69	34.82
4.900	-1.5	-18.0	-59.01	L	-54.07	-45.39	-41.59
5.000	-3.3	-39.5	-98.59	L	-90.53	-75.84	-69.64
5.000	-3.3	-39.5	-98.59	L	-90.53	-75.84	-69.64
5.100	-1.5	-17.9	-59.01	R	-54.06	-45.39	-41.58
5.200	-0.1	-1.1	59.40	R	44.76	45.69	34.43
5.300	0.9	10.9	86.45	R	65.20	66.50	50.15
5.400	1.4	18.1	96.96	R	77.46	74.59	59.59
5.500	1.6	20.6	94.63	L	82.30	72.79	63.31
5.600	1.4	18.1	96.96	L	77.45	74.58	59.58
5.700	0.8	10.8	86.44	L	65.17	66.49	50.13
5.800	-0.1	-1.3	59.39	L	45.23	45.69	34.79
5.900	-1.5	-18.1	-58.97	L	-54.11	-45.36	-41.62
6.000	-3.3	-39.8	-98.58	R	-90.62	-75.83	-69.71
6.000	-3.3	-39.8	-98.58	R	-90.62	-75.83	-69.71
6.100	-1.5	-18.1	-59.02	R	-54.12	-45.40	-41.63
6.200	-0.1	-1.3	59.44	R	44.75	45.73	34.42
6.300	0.8	10.8	86.49	R	65.21	66.53	50.16
6.400	1.4	18.1	97.01	R	77.50	74.63	59.62
6.500	1.6	20.6	94.69	L	82.36	72.84	63.35
6.600	1.5	18.1	97.01	L	77.51	74.62	59.62
6.700	0.9	10.9	86.48	L	65.23	66.52	50.18
6.800	-0.1	-1.1	59.43	L	45.29	45.72	34.84
6.900	-1.5	-17.9	-58.99	L	-53.98	-45.37	-41.52
7.000	-3.3	-39.4	-98.56	L	-90.48	-75.81	-69.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.3	-39.4	-98.56	L	-90.48	-75.81	-69.60
7.100	-1.5	-17.9	-58.98	R	-54.03	-45.37	-41.56
7.200	-0.1	-1.2	59.43	R	44.76	45.72	34.43
7.300	0.8	10.7	86.48	R	65.18	66.52	50.14
7.400	1.4	17.9	97.01	R	77.42	74.62	59.55
7.500	1.6	20.3	94.69	R	82.23	72.84	63.25
7.600	1.4	17.7	97.02	L	77.34	74.63	59.49
7.700	0.8	10.3	86.50	L	65.01	66.54	50.01
7.800	-0.2	-1.8	59.46	L	45.02	45.74	34.63
7.900	-1.6	-18.7	-59.05	L	-54.19	-45.42	-41.69
8.000	-3.4	-40.4	-98.61	L	-90.73	-75.85	-69.79
8.000	-3.4	-40.4	-98.61	L	-90.73	-75.85	-69.79
8.100	-1.6	-18.5	-58.97	R	-54.22	-45.36	-41.71
8.200	-0.1	-1.3	59.31	R	44.67	45.63	34.37
8.300	0.9	11.0	86.35	R	65.14	66.42	50.10
8.400	1.5	18.6	96.86	R	77.41	74.51	59.55
8.500	1.7	21.4	94.50	L	82.27	72.69	63.28
8.600	1.6	19.3	96.80	L	77.45	74.46	59.58
8.700	1.0	12.4	86.27	L	65.22	66.36	50.17
8.800	0.1	0.6	59.21	L	45.36	45.54	34.89
8.900	-1.2	-15.8	-58.50	L	-52.89	-45.00	-40.69
9.000	-3.0	-37.1	-98.42	R	-89.22	-75.71	-68.63
9.000	-3.0	-37.1	-98.42	R	-89.22	-75.71	-68.63
9.100	-1.3	-16.7	-59.12	R	-53.40	-45.48	-41.08
9.200	-0.1	-1.1	59.51	R	44.81	45.77	34.47
9.300	0.7	9.7	86.13	R	64.61	66.26	49.70
9.400	1.1	15.7	96.21	R	76.12	74.01	58.56
9.500	1.2	17.0	94.19	L	80.19	72.45	61.68
9.600	0.8	13.3	96.18	L	74.54	73.99	57.34
9.700	0.1	4.9	85.29	L	61.51	65.61	47.32
9.800	-1.1	-8.4	57.94	L	41.09	44.57	31.61
9.900	-2.6	-26.4	-67.25	L	-58.45	-51.73	-44.96
10.000	-4.5	-49.2	-103.15	R	-95.79	-79.35	-73.68

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-49.2	-103.15	R	-95.79	-79.35	-73.68
10.100	-2.0	-22.7	-62.59	R	-57.89	-48.15	-44.53
10.200	0.1	-1.0	64.71	R	48.02	49.78	36.94
10.300	1.7	16.0	100.16	R	72.41	77.04	55.70
10.400	2.9	28.2	115.63	R	89.31	88.94	68.70
10.500	3.6	35.6	121.64	R	99.43	93.57	76.48
10.600	3.8	38.0	128.91	R	99.72	99.16	76.71
10.700	3.5	35.7	128.62	R	91.30	98.94	70.23
10.800	2.8	28.6	109.04	R	71.51	83.87	55.01
10.900	1.6	16.7	66.99	R	41.83	51.53	32.18
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2
1.100	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
1.200	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.6	-424.6
1.300	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
1.400	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.0	-435.0
1.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
1.600	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.2
1.700	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
1.800	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.3
1.900	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
2.000	393.2C	343.3	-343.3	-393.2C	447.0	397.0	-289.5	-339.4
2.000	325.0C	284.1	-284.1	-325.0C	378.8	337.9	-230.3	-271.2
2.100	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
2.200	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
2.300	325.0C	284.1	-284.1	-325.0C	320.0	279.2	-289.0	-329.9
2.400	325.0C	284.1	-284.1	-325.0C	310.8	269.9	-298.3	-339.2
2.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
2.600	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
2.700	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
2.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
2.900	325.0C	284.1	-284.1	-325.0C	343.0	302.1	-266.1	-307.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0
3.100	325.0C	284.1	-284.1	-325.0C	342.0	301.1	-267.1	-308.0
3.200	325.0C	284.1	-284.1	-325.0C	324.2	283.3	-284.9	-325.8
3.300	325.0C	284.1	-284.1	-325.0C	311.5	270.7	-297.5	-338.4
3.400	325.0C	284.1	-284.1	-325.0C	304.1	263.2	-305.0	-345.9
3.500	325.0C	284.1	-284.1	-325.0C	301.8	260.9	-307.3	-348.2
3.600	325.0C	284.1	-284.1	-325.0C	304.8	263.9	-304.3	-345.2
3.700	325.0C	284.1	-284.1	-325.0C	313.0	272.1	-296.1	-337.0
3.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
3.900	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3
4.100	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
4.200	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
4.300	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.3	-336.1
4.400	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
4.500	328.2C	274.8	-282.2	-328.2C	306.3	253.0	-304.1	-350.0
4.600	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
4.700	325.0C	284.1	-284.1	-325.0C	313.4	272.6	-295.6	-336.5
4.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
4.900	325.0C	284.1	-284.1	-325.0C	344.5	303.6	-264.6	-305.5
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
5.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
5.300	325.0C	284.1	-284.1	-325.0C	313.2	272.4	-295.8	-336.7
5.400	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.5
5.500	328.2C	274.8	-282.2	-328.2C	306.0	252.6	-304.4	-350.4
5.600	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
5.700	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
5.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
5.900	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.100	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3
6.200	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
6.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
6.400	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
6.500	325.0C	284.1	-284.1	-325.0C	302.8	261.9	-306.3	-347.2
6.600	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.6
6.700	325.0C	284.1	-284.1	-325.0C	313.2	272.3	-295.9	-336.8
6.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
6.900	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
7.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.200	325.0C	284.1	-284.1	-325.0C	326.3	285.5	-282.8	-323.6
7.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
7.400	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
7.500	325.0C	284.1	-284.1	-325.0C	303.1	262.2	-306.0	-346.9
7.600	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
7.700	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.2	-336.1
7.800	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
7.900	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.100	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
8.200	325.0C	284.1	-284.1	-325.0C	326.5	285.6	-282.6	-323.5
8.300	325.0C	284.1	-284.1	-325.0C	313.1	272.2	-296.0	-336.9
8.400	325.0C	274.8	-282.2	-325.0C	304.9	254.7	-302.3	-345.1
8.500	328.2C	274.8	-282.2	-328.2C	305.0	251.7	-305.4	-351.3
8.600	325.0C	274.8	-282.2	-325.0C	304.1	254.0	-303.1	-345.9
8.700	325.0C	284.1	-284.1	-325.0C	311.6	270.7	-297.5	-338.4
8.800	325.0C	284.1	-284.1	-325.0C	324.2	283.4	-284.8	-325.7
8.900	325.0C	284.1	-284.1	-325.0C	342.1	301.2	-267.0	-307.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9
9.100	325.0C	284.1	-284.1	-325.0C	343.1	302.2	-266.0	-306.9
9.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
9.300	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
9.400	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
9.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
9.600	325.0C	284.1	-284.1	-325.0C	310.8	270.0	-298.3	-339.1
9.700	325.0C	284.1	-284.1	-325.0C	320.1	279.2	-289.0	-329.9
9.800	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
9.900	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
10.000	325.0C	284.1	-284.1	-325.0C	378.7	337.9	-230.3	-271.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	393.2C	284.1	-284.1	-393.2C	447.0	337.9	-230.3	-339.5
10.100	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
10.200	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.4
10.300	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
10.400	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.3
10.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
10.600	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.1	-435.0
10.700	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
10.800	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.7	-424.6
10.900	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
11.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	5.60	57.12	4.85	65.02	HS 97.01	174.6
1.200	3.32	29.59	2.86	33.54	HS 57.20	103.0
1.300	2.75	20.14	2.36	22.77	HS 47.28	85.1
1.400	2.73	15.21	2.34	17.18	HS 46.77	84.2
1.500	2.91	12.08	2.50	13.66	HS 50.01	90.0
1.600	3.13	9.86	2.70	11.17	HS 54.01	97.2
1.700	3.75	8.15	3.25	9.27	HS 65.01	117.0
1.800	6.09	6.76	5.32	7.75	HS 106.36	191.5
1.900	17.51	5.09	15.42	5.89	HS 101.81	183.3
2.000	26.35	2.79	23.41	3.27	HS 55.74	100.3
2.000	22.33	2.22	19.92	2.61	HS 44.35	79.8
2.100	16.58	3.79	14.66	4.40	HS 75.86	136.5
2.200	5.77	5.00	5.07	5.74	HS 99.92	179.9
2.300	3.75	6.33	3.27	7.23	HS 65.46	117.8
2.400	3.23	8.22	2.81	9.34	HS 56.13	101.0
2.500	3.26	11.21	2.82	12.73	HS 56.47	101.6
2.600	3.20	10.01	2.78	11.37	HS 55.56	100.0
2.700	3.65	7.77	3.18	8.85	HS 63.56	114.4
2.800	5.49	6.18	4.80	7.08	HS 95.95	172.7
2.900	13.48	4.51	11.87	5.20	HS 90.16	162.3
3.000	18.50	2.48	16.42	2.90	HS 49.63	89.3
3.000	18.50	2.48	16.42	2.90	HS 49.63	89.3
3.100	13.20	4.56	11.62	5.26	HS 91.28	164.3
3.200	5.47	6.30	4.78	7.21	HS 95.51	171.9
3.300	3.61	7.93	3.13	9.02	HS 62.66	112.8
3.400	3.14	10.22	2.71	11.60	HS 54.29	97.7
3.500	3.19	13.70	2.76	15.52	HS 55.12	99.2
3.600	3.14	10.07	2.72	11.42	HS 54.41	97.9
3.700	3.62	7.79	3.15	8.87	HS 62.94	113.3
3.800	5.49	6.17	4.80	7.07	HS 96.07	172.9
3.900	13.76	4.47	12.13	5.17	HS 89.50	161.1
4.000	22.41	2.44	19.93	2.85	HS 48.78	87.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
4.000	22.41	2.44	19.93	2.85	HS	48.78	87.8
4.100	13.61	4.48	12.00	5.17	HS	89.53	161.2
4.200	5.51	6.17	4.82	7.07	HS	96.35	173.4
4.300	3.63	7.78	3.16	8.86	HS	63.16	113.7
4.400	3.15	10.05	2.73	11.40	HS	54.67	98.4
4.500	3.24	13.34	2.67	15.36	HS	53.46	96.2
4.600	3.15	10.04	2.73	11.40	HS	54.62	98.3
4.700	3.63	7.78	3.15	8.86	HS	63.06	113.5
4.800	5.49	6.18	4.81	7.07	HS	96.12	173.0
4.900	13.63	4.49	12.01	5.18	HS	89.69	161.4
5.000	22.02	2.45	19.58	2.86	HS	48.96	88.1
5.000	22.02	2.45	19.58	2.86	HS	48.96	88.1
5.100	13.40	4.49	11.81	5.18	HS	89.72	161.5
5.200	5.49	6.18	4.80	7.07	HS	96.07	172.9
5.300	3.62	7.79	3.15	8.86	HS	63.01	113.4
5.400	3.15	10.05	2.73	11.40	HS	54.57	98.2
5.500	3.23	13.39	2.67	15.41	HS	53.39	96.1
5.600	3.15	10.06	2.73	11.41	HS	54.58	98.2
5.700	3.62	7.79	3.15	8.87	HS	63.05	113.5
5.800	5.50	6.18	4.81	7.07	HS	96.15	173.1
5.900	13.67	4.48	12.05	5.18	HS	89.68	161.4
6.000	22.12	2.44	19.67	2.86	HS	48.90	88.0
6.000	22.12	2.44	19.67	2.86	HS	48.90	88.0
6.100	13.43	4.48	11.84	5.17	HS	89.62	161.3
6.200	5.49	6.17	4.80	7.07	HS	96.07	172.9
6.300	3.62	7.78	3.15	8.86	HS	63.01	113.4
6.400	3.15	10.04	2.73	11.40	HS	54.55	98.2
6.500	3.20	13.46	2.77	15.26	HS	55.32	99.6
6.600	3.15	10.05	2.73	11.41	HS	54.54	98.2
6.700	3.62	7.79	3.15	8.87	HS	62.98	113.4
6.800	5.49	6.18	4.80	7.08	HS	96.01	172.8
6.900	13.62	4.49	12.00	5.18	HS	89.76	161.6
7.000	21.99	2.45	19.55	2.86	HS	48.99	88.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
7.000	21.99	2.45	19.55	2.86	HS	48.99	88.2
7.100	13.40	4.49	11.81	5.18	HS	89.74	161.5
7.200	5.49	6.18	4.80	7.07	HS	96.06	172.9
7.300	3.62	7.78	3.15	8.86	HS	63.03	113.5
7.400	3.15	10.04	2.73	11.40	HS	54.59	98.3
7.500	3.20	13.40	2.77	15.19	HS	55.39	99.7
7.600	3.15	10.02	2.73	11.37	HS	54.63	98.3
7.700	3.63	7.76	3.16	8.84	HS	63.11	113.6
7.800	5.50	6.16	4.81	7.05	HS	96.23	173.2
7.900	13.84	4.47	12.20	5.16	HS	89.36	160.8
8.000	22.46	2.44	19.97	2.85	HS	48.75	87.7
8.000	22.46	2.44	19.97	2.85	HS	48.75	87.7
8.100	13.54	4.48	11.93	5.17	HS	89.57	161.2
8.200	5.50	6.18	4.81	7.08	HS	96.29	173.3
8.300	3.63	7.80	3.15	8.88	HS	63.04	113.5
8.400	3.15	10.03	2.63	11.44	HS	52.59	94.7
8.500	3.23	13.65	2.66	15.70	HS	53.26	95.9
8.600	3.14	10.17	2.62	11.61	HS	52.47	94.4
8.700	3.61	7.94	3.14	9.03	HS	62.76	113.0
8.800	5.48	6.31	4.79	7.22	HS	95.72	172.3
8.900	13.43	4.56	11.83	5.26	HS	91.29	164.3
9.000	18.51	2.48	16.44	2.89	HS	49.59	89.3
9.000	18.51	2.48	16.44	2.89	HS	49.59	89.3
9.100	13.25	4.50	11.67	5.19	HS	90.00	162.0
9.200	5.48	6.17	4.80	7.06	HS	95.91	172.6
9.300	3.65	7.75	3.18	8.83	HS	63.55	114.4
9.400	3.20	9.99	2.78	11.34	HS	55.55	100.0
9.500	3.26	11.21	2.82	12.73	HS	56.46	101.6
9.600	3.23	8.22	2.81	9.34	HS	56.13	101.0
9.700	3.75	6.33	3.27	7.23	HS	65.46	117.8
9.800	5.77	5.00	5.07	5.74	HS	99.92	179.9
9.900	16.91	3.79	14.96	4.40	HS	75.86	136.5
10.000	22.29	2.23	19.88	2.63	HS	44.66	80.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	26.30	2.23	19.88	3.29	HS 44.66	80.4
10.100	17.19	5.09	15.13	5.89	HS 101.80	183.2
10.200	6.09	6.76	5.32	7.75	HS 106.36	191.4
10.300	3.75	8.15	3.25	9.27	HS 65.00	117.0
10.400	3.13	9.85	2.70	11.17	HS 54.00	97.2
10.500	2.91	12.08	2.50	13.66	HS 50.00	90.0
10.600	2.73	15.21	2.34	17.18	HS 46.77	84.2
10.700	2.75	20.14	2.36	22.77	HS 47.28	85.1
10.800	3.32	29.59	2.86	33.54	HS 57.20	103.0
10.900	5.60	57.12	4.85	65.01	HS 97.01	174.6
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	32.05	24.73	24.65	19.02
1.100	0.6	5.7	26.80	21.22	20.61	16.32
1.200	0.4	3.8	21.81	17.88	16.77	13.76
1.300	0.2	1.9	17.15	14.75	13.19	11.35
1.400	0.0	-0.1	12.89	11.84	9.92	9.11
1.500	-0.2	-2.0	-15.05	-13.91	-11.58	-10.70
1.600	-0.4	-3.9	-18.18	-16.65	-13.99	-12.80
1.700	-0.6	-5.8	-23.28	-19.33	-17.90	-14.87
1.800	-0.7	-7.7	-28.19	-21.93	-21.68	-16.87
1.900	-0.9	-9.6	-32.68	-24.39	-25.14	-18.76
2.000	-1.1	-11.6	-36.70	-26.68	-28.23	-20.52
2.000	0.9	-11.6	34.97	26.43	26.90	20.33
2.100	0.7	8.2	30.29	23.89	23.30	18.38
2.200	0.5	6.3	25.55	21.10	19.66	16.23
2.300	0.4	4.3	20.69	18.16	15.92	13.97
2.400	0.2	2.4	16.99	15.17	13.07	11.67
2.500	0.1	0.5	13.30	12.23	10.23	9.40
2.600	-0.1	-1.5	-16.73	-14.74	-12.87	-11.34
2.700	-0.3	-3.4	-20.47	-17.73	-15.75	-13.64
2.800	-0.4	-5.3	-25.30	-20.69	-19.46	-15.92
2.900	-0.6	-7.2	-30.02	-23.52	-23.10	-18.09
3.000	-0.7	-9.1	-34.45	-26.10	-26.50	-20.08
3.000	0.8	9.5	34.53	26.28	26.56	20.22
3.100	0.6	7.6	30.12	23.71	23.17	18.24
3.200	0.5	5.6	25.40	20.91	19.54	16.08
3.300	0.3	3.7	20.57	17.96	15.83	13.81
3.400	0.1	1.8	16.77	14.97	12.90	11.51
3.500	0.0	-0.1	13.12	-12.11	10.09	-9.31
3.600	-0.2	-2.1	-16.78	-15.04	-12.90	-11.57
3.700	-0.3	-4.0	-20.56	-18.03	-15.82	-13.87
3.800	-0.5	-5.9	-25.39	-20.98	-19.53	-16.14
3.900	-0.6	-7.8	-30.11	-23.79	-23.16	-18.30
4.000	-0.8	-9.7	-34.52	-26.36	-26.56	-20.28

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	34.53	26.35	26.56	20.27
4.100	0.6	7.7	30.12	23.78	23.17	18.29
4.200	0.5	5.8	25.40	20.97	19.54	16.13
4.300	0.3	3.9	20.57	18.02	15.82	13.86
4.400	0.2	2.0	16.78	15.04	12.91	11.57
4.500	0.0	0.1	13.12	12.10	10.10	9.31
4.600	-0.2	-1.9	-16.78	-15.01	-12.91	-11.55
4.700	-0.3	-3.8	-20.57	-18.00	-15.82	-13.85
4.800	-0.5	-5.7	-25.40	-20.95	-19.54	-16.11
4.900	-0.6	-7.7	-30.11	-23.76	-23.17	-18.28
5.000	-0.8	-9.6	-34.53	-26.33	-26.56	-20.25
5.000	0.8	9.6	34.53	26.34	26.56	20.26
5.100	0.6	7.7	30.12	23.77	23.17	18.29
5.200	0.5	5.8	25.40	20.96	19.54	16.12
5.300	0.3	3.8	20.57	18.01	15.82	13.86
5.400	0.2	1.9	16.78	15.03	12.91	11.56
5.500	0.0	0.0	13.12	-12.10	10.10	-9.31
5.600	-0.2	-2.0	-16.78	-15.03	-12.91	-11.56
5.700	-0.3	-3.9	-20.57	-18.02	-15.82	-13.86
5.800	-0.5	-5.8	-25.40	-20.97	-19.54	-16.13
5.900	-0.6	-7.7	-30.12	-23.78	-23.17	-18.29
6.000	-0.8	-9.6	-34.53	-26.35	-26.56	-20.27
6.000	0.8	9.6	34.53	26.35	26.56	20.27
6.100	0.6	7.7	30.12	23.78	23.17	18.29
6.200	0.5	5.8	25.40	20.97	19.54	16.13
6.300	0.3	3.9	20.57	18.02	15.82	13.86
6.400	0.2	2.0	16.78	15.03	12.91	11.56
6.500	0.0	0.1	13.12	12.10	10.10	9.31
6.600	-0.2	-1.9	-16.78	-15.03	-12.91	-11.56
6.700	-0.3	-3.8	-20.57	-18.01	-15.82	-13.86
6.800	-0.5	-5.8	-25.40	-20.96	-19.54	-16.13
6.900	-0.6	-7.7	-30.12	-23.77	-23.17	-18.29
7.000	-0.8	-9.6	-34.53	-26.34	-26.56	-20.26

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	34.53	26.33	26.56	20.25
7.100	0.6	7.6	30.12	23.76	23.17	18.28
7.200	0.5	5.7	25.40	20.95	19.54	16.12
7.300	0.3	3.8	20.57	18.00	15.82	13.85
7.400	0.2	1.9	16.78	15.01	12.91	11.55
7.500	0.0	0.0	13.13	-12.10	10.10	-9.31
7.600	-0.2	-2.0	-16.78	-15.04	-12.91	-11.57
7.700	-0.3	-3.9	-20.57	-18.02	-15.82	-13.86
7.800	-0.5	-5.8	-25.40	-20.97	-19.54	-16.13
7.900	-0.6	-7.7	-30.12	-23.78	-23.17	-18.29
8.000	-0.8	-9.6	-34.53	-26.35	-26.56	-20.27
8.000	0.8	9.7	34.52	26.36	26.56	20.28
8.100	0.6	7.8	30.11	23.79	23.16	18.30
8.200	0.5	5.9	25.39	20.98	19.53	16.14
8.300	0.3	4.0	20.56	18.03	15.82	13.87
8.400	0.2	2.1	16.78	15.04	12.90	11.57
8.500	0.0	0.2	13.12	12.11	10.09	9.31
8.600	-0.1	-1.8	-16.77	-14.97	-12.90	-11.51
8.700	-0.3	-3.7	-20.57	-17.96	-15.82	-13.81
8.800	-0.5	-5.6	-25.40	-20.90	-19.54	-16.08
8.900	-0.6	-7.6	-30.12	-23.71	-23.17	-18.24
9.000	-0.8	-9.5	-34.53	-26.28	-26.56	-20.22
9.000	0.7	-9.5	34.45	26.10	26.50	20.08
9.100	0.6	7.2	30.02	23.52	23.10	18.09
9.200	0.4	5.3	25.30	20.69	19.46	15.92
9.300	0.3	3.4	20.47	17.73	15.75	13.64
9.400	0.1	1.5	16.73	14.74	12.87	11.34
9.500	-0.1	-0.5	-13.30	-12.23	-10.23	-9.41
9.600	-0.2	-2.4	-16.99	-15.17	-13.07	-11.67
9.700	-0.4	-4.3	-20.70	-18.16	-15.92	-13.97
9.800	-0.5	-6.2	-25.56	-21.10	-19.66	-16.23
9.900	-0.7	-8.2	-30.29	-23.89	-23.30	-18.38
10.000	-0.9	-10.1	-34.70	-26.43	-26.69	-20.33

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	36.70	26.68	28.23	20.52
10.100	0.9	9.6	32.68	24.39	25.14	18.76
10.200	0.7	7.7	28.18	21.93	21.68	16.87
10.300	0.6	5.8	23.28	19.33	17.90	14.87
10.400	0.4	3.9	18.18	16.65	13.99	12.80
10.500	0.2	2.0	15.05	13.91	11.58	10.70
10.600	0.0	0.1	-12.89	-11.84	-9.92	-9.11
10.700	-0.2	-1.9	-17.15	-14.75	-13.19	-11.35
10.800	-0.4	-3.8	-21.81	-17.89	-16.77	-13.76
10.900	-0.6	-5.7	-26.80	-21.22	-20.61	-16.32
11.000	-0.8	-7.6	-32.05	-24.73	-24.65	-19.02

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	184.6	-150.4	133.6
1.100	184.6	-148.3	135.7
1.200	184.6	-146.2	137.8
1.300	184.6	-144.1	139.9
1.400	184.6	-142.0	142.0
1.500	184.6	-139.9	144.1
1.600	184.6	-137.7	146.3
1.700	184.6	-135.6	148.4
1.800	184.6	-133.5	150.5
1.900	184.6	-131.4	152.6
2.000	184.6	-129.3	154.7
2.000	160.8	-129.3	112.7
2.100	160.8	-132.5	114.8
2.200	160.8	-130.5	116.9
2.300	160.8	-128.4	119.0
2.400	160.8	-126.3	121.0
2.500	160.8	-124.3	123.1
2.600	160.8	-122.1	125.2
2.700	160.8	-120.0	127.3
2.800	160.8	-118.0	129.4
2.900	160.8	-115.9	131.4
3.000	160.8	-113.8	124.4
3.000	160.8	-113.8	113.4
3.100	160.8	-131.8	115.5
3.200	160.8	-129.8	117.6
3.300	160.8	-127.7	119.6
3.400	160.8	-125.6	121.7
3.500	160.8	-123.6	123.8
3.600	160.8	-121.4	125.9
3.700	160.8	-119.4	128.0
3.800	160.8	-117.3	130.1
3.900	160.8	-115.2	132.1
4.000	160.8	-113.1	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	160.8	-113.1	113.3
4.100	160.8	-132.0	115.3
4.200	160.8	-130.0	117.4
4.300	160.8	-127.9	119.5
4.400	160.8	-125.8	121.5
4.500	160.8	-123.7	123.6
4.600	160.8	-121.6	125.7
4.700	160.8	-119.5	127.8
4.800	160.8	-117.5	129.9
4.900	160.8	-115.4	131.9
5.000	160.8	-113.3	124.5
5.000	160.8	-113.3	113.3
5.100	160.8	-132.0	115.4
5.200	160.8	-129.9	117.4
5.300	160.8	-127.8	119.5
5.400	160.8	-125.8	121.6
5.500	160.8	-123.7	123.7
5.600	160.8	-121.6	125.8
5.700	160.8	-119.5	127.9
5.800	160.8	-117.4	129.9
5.900	160.8	-115.3	132.0
6.000	160.8	-113.3	124.5
6.000	160.8	-113.3	113.3
6.100	160.8	-132.0	115.3
6.200	160.8	-129.9	117.4
6.300	160.8	-127.9	119.5
6.400	160.8	-125.8	121.6
6.500	160.8	-123.7	123.6
6.600	160.8	-121.6	125.8
6.700	160.8	-119.5	127.8
6.800	160.8	-117.4	129.9
6.900	160.8	-115.4	132.0
7.000	160.8	-113.3	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	160.8	-113.3	113.3
7.100	160.8	-131.9	115.4
7.200	160.8	-129.9	117.5
7.300	160.8	-127.8	119.5
7.400	160.8	-125.7	121.6
7.500	160.8	-123.7	123.7
7.600	160.8	-121.5	125.8
7.700	160.8	-119.5	127.9
7.800	160.8	-117.4	130.0
7.900	160.8	-115.3	132.0
8.000	160.8	-113.2	124.5
8.000	160.8	-113.2	113.1
8.100	160.8	-132.1	115.2
8.200	160.8	-130.1	117.3
8.300	160.8	-128.0	119.4
8.400	160.8	-125.9	121.4
8.500	160.8	-123.9	123.5
8.600	160.8	-121.7	125.6
8.700	160.8	-119.7	127.7
8.800	160.8	-117.6	129.8
8.900	160.8	-115.5	131.8
9.000	160.8	-113.4	124.4
9.000	160.8	-113.4	113.8
9.100	160.8	-131.4	115.9
9.200	160.8	-129.4	118.0
9.300	160.8	-127.3	120.0
9.400	160.8	-125.2	122.1
9.500	160.8	-123.2	124.2
9.600	160.8	-121.0	126.3
9.700	160.8	-119.0	128.4
9.800	160.8	-116.9	130.5
9.900	160.8	-114.8	132.5
10.000	160.8	-112.7	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	184.6	-112.7	129.3
10.100	184.6	-152.6	131.4
10.200	184.6	-150.5	133.5
10.300	184.6	-148.4	135.6
10.400	184.6	-146.3	137.7
10.500	184.6	-144.2	139.8
10.600	184.6	-142.0	142.0
10.700	184.6	-139.9	144.1
10.800	184.6	-137.8	146.2
10.900	184.6	-135.7	148.3
11.000	184.6	-133.6	142.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	62.00	4.17	HS 83.40	150.1
1.100	46.84	5.07	HS 101.31	182.4
1.200	24.95	6.32	HS 126.42	227.6
1.300	16.56	8.16	HS 163.21	293.8
1.400	12.41	11.02	HS 220.38	396.7
1.500	9.30	14.81	HS 185.90	334.6
1.600	7.57	21.59	HS 151.50	272.7
1.700	5.83	31.82	HS 116.55	209.8
1.800	4.74	52.82	HS 94.76	170.6
1.900	4.02	112.67	HS 80.44	144.8
2.000	3.52	238.01	HS 70.49	126.9
2.000	3.52	3.22	HS 64.47	116.0
2.100	44.11	3.79	HS 75.81	136.5
2.200	31.26	4.57	HS 91.48	164.7
2.300	19.96	5.75	HS 114.96	206.9
2.400	14.04	7.12	HS 142.44	256.4
2.500	9.52	9.25	HS 185.06	333.1
2.600	7.30	13.30	HS 145.98	262.8
2.700	5.86	18.64	HS 117.29	211.1
2.800	4.66	28.51	HS 93.27	167.9
2.900	3.86	35.19	HS 77.21	139.0
3.000	3.30	33.30	HS 66.09	119.0
3.000	3.30	3.29	HS 65.71	118.3
3.100	40.83	3.84	HS 76.70	138.1
3.200	29.06	4.63	HS 92.57	166.6
3.300	18.95	5.82	HS 116.32	209.4
3.400	13.49	7.26	HS 145.13	261.2
3.500	9.42	9.43	HS 188.35	339.0
3.600	7.24	13.63	HS 144.76	260.6
3.700	5.80	19.21	HS 116.10	209.0
3.800	4.62	29.64	HS 92.38	166.3
3.900	3.83	42.26	HS 76.53	137.8
4.000	3.28	40.37	HS 65.55	118.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.28	3.28	HS 65.55	118.0
4.100	41.34	3.83	HS 76.58	137.9
4.200	29.30	4.62	HS 92.44	166.4
4.300	19.06	5.81	HS 116.16	209.1
4.400	13.56	7.24	HS 144.86	260.8
4.500	9.43	9.42	HS 188.35	339.0
4.600	7.25	13.51	HS 144.95	260.9
4.700	5.81	18.98	HS 116.25	209.2
4.800	4.62	29.13	HS 92.51	166.5
4.900	3.83	41.08	HS 76.64	138.0
5.000	3.28	39.28	HS 65.65	118.2
5.000	3.28	3.28	HS 65.63	118.1
5.100	41.10	3.83	HS 76.62	137.9
5.200	29.15	4.62	HS 92.48	166.5
5.300	18.99	5.81	HS 116.22	209.2
5.400	13.52	7.25	HS 144.92	260.9
5.500	9.42	9.42	HS 188.43	339.2
5.600	7.24	13.53	HS 144.89	260.8
5.700	5.81	19.02	HS 116.19	209.1
5.800	4.62	29.21	HS 92.46	166.4
5.900	3.83	41.17	HS 76.60	137.9
6.000	3.28	39.35	HS 65.61	118.1
6.000	3.28	3.28	HS 65.61	118.1
6.100	41.19	3.83	HS 76.60	137.9
6.200	29.20	4.62	HS 92.46	166.4
6.300	19.02	5.81	HS 116.19	209.1
6.400	13.53	7.24	HS 144.89	260.8
6.500	9.43	9.42	HS 188.39	339.1
6.600	7.25	13.52	HS 144.92	260.9
6.700	5.81	18.99	HS 116.21	209.2
6.800	4.62	29.15	HS 92.48	166.5
6.900	3.83	41.05	HS 76.62	137.9
7.000	3.28	39.25	HS 65.63	118.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.28	3.28	HS 65.63	118.1
7.100	40.97	3.83	HS 76.64	137.9
7.200	29.12	4.62	HS 92.50	166.5
7.300	18.98	5.81	HS 116.23	209.2
7.400	13.51	7.25	HS 144.95	260.9
7.500	9.42	9.42	HS 188.44	339.2
7.600	7.24	13.55	HS 144.85	260.7
7.700	5.81	19.05	HS 116.17	209.1
7.800	4.62	29.29	HS 92.44	166.4
7.900	3.83	41.37	HS 76.58	137.9
8.000	3.28	39.54	HS 65.60	118.1
8.000	3.28	3.28	HS 65.55	118.0
8.100	42.26	3.83	HS 76.53	137.8
8.200	29.64	4.62	HS 92.38	166.3
8.300	19.21	5.80	HS 116.10	209.0
8.400	13.63	7.24	HS 144.76	260.6
8.500	9.44	9.41	HS 188.26	338.9
8.600	7.26	13.49	HS 145.14	261.2
8.700	5.82	18.95	HS 116.32	209.4
8.800	4.63	29.07	HS 92.58	166.6
8.900	3.84	40.87	HS 76.71	138.1
9.000	3.29	39.11	HS 65.71	118.3
9.000	3.29	3.30	HS 65.71	118.3
9.100	36.56	3.86	HS 77.21	139.0
9.200	28.50	4.66	HS 93.27	167.9
9.300	18.64	5.86	HS 117.29	211.1
9.400	13.30	7.30	HS 145.96	262.7
9.500	9.26	9.51	HS 185.15	333.3
9.600	7.12	14.04	HS 142.44	256.4
9.700	5.75	19.95	HS 114.95	206.9
9.800	4.57	31.25	HS 91.47	164.6
9.900	3.79	42.18	HS 75.81	136.5
10.000	3.25	39.63	HS 64.99	117.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.25	3.52	HS 64.99	117.0
10.100	112.62	4.02	HS 80.45	144.8
10.200	52.81	4.74	HS 94.76	170.6
10.300	31.82	5.83	HS 116.55	209.8
10.400	21.59	7.57	HS 151.50	272.7
10.500	14.82	9.29	HS 185.82	334.5
10.600	11.02	12.41	HS 220.37	396.7
10.700	8.16	16.56	HS 163.20	293.8
10.800	6.32	24.95	HS 126.42	227.6
10.900	5.07	46.84	HS 101.31	182.4
11.000	4.17	59.70	HS 83.40	150.1

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0
1.100	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
1.200	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
1.300	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
1.400	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
1.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
1.600	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
1.700	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
1.800	357.0	357.0	-357.0	-357.0	357.9	357.9	-356.1	-356.1
1.900	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
2.000	357.0	357.0	-357.0	-357.0	410.7	410.7	-303.2	-303.2
2.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
2.100	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.4	-266.5
2.200	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
2.300	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
2.400	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
2.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
2.600	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
2.700	295.5	295.5	-295.5	-295.5	285.0	285.0	-305.9	-305.9
2.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.3
2.900	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4

3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.100	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4
3.200	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.3	-296.3
3.300	295.5	295.5	-295.5	-295.5	282.0	282.0	-308.9	-308.9
3.400	295.5	295.5	-295.5	-295.5	274.5	274.6	-316.4	-316.4
3.500	295.5	295.5	-295.5	-295.5	272.2	272.3	-318.7	-318.7
3.600	295.5	295.5	-295.5	-295.5	275.3	275.3	-315.6	-315.7
3.700	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
3.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
3.900	295.5	295.5	-295.5	-295.5	315.4	315.5	-275.5	-275.5
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
4.100	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
4.200	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
4.300	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
4.400	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
4.500	293.5	285.8	-293.5	-285.8	271.6	264.0	-315.4	-307.7
4.600	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
4.700	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
4.800	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
4.900	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.1	-276.1
5.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
5.300	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
5.400	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.0
5.500	293.5	285.8	-293.5	-285.8	271.3	263.6	-315.7	-308.0
5.600	295.5	295.5	-295.5	-295.5	276.0	276.0	-315.0	-315.0
5.700	295.5	295.5	-295.5	-295.5	283.8	283.9	-307.1	-307.1
5.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
5.900	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8

6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.100	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8
6.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
6.300	295.5	295.5	-295.5	-295.5	283.8	283.8	-307.1	-307.1
6.400	295.5	295.5	-295.5	-295.5	275.9	276.0	-315.0	-315.0
6.500	295.5	295.5	-295.5	-295.5	273.2	273.3	-317.7	-317.7
6.600	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.1
6.700	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
6.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.3	-294.3
6.900	295.5	295.5	-295.5	-295.5	314.8	314.8	-276.1	-276.1
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8
7.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
7.200	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
7.300	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
7.400	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
7.500	295.5	295.5	-295.5	-295.5	273.6	273.6	-317.3	-317.3
7.600	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
7.700	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
7.800	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
7.900	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.100	295.5	295.5	-295.5	-295.5	315.5	315.5	-275.4	-275.5
8.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
8.300	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
8.400	293.5	285.8	-293.5	-285.8	273.4	265.7	-313.6	-305.9
8.500	293.5	285.8	-293.5	-285.8	270.3	262.6	-316.7	-309.0
8.600	293.5	285.8	-293.5	-285.8	272.6	264.9	-314.4	-306.7
8.700	295.5	295.5	-295.5	-295.5	282.1	282.1	-308.9	-308.9
8.800	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.2	-296.2
8.900	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4

9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.100	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4
9.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
9.300	295.5	295.5	-295.5	-295.5	285.1	285.1	-305.9	-305.9
9.400	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
9.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
9.600	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
9.700	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
9.800	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
9.900	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.5	-266.5
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
10.100	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
10.200	357.0	357.0	-357.0	-357.0	357.8	357.8	-356.1	-356.1
10.300	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
10.400	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
10.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
10.600	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
10.700	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
10.800	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
10.900	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
11.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	5.05	59.29	5.05	59.29	HS 101.11	182.0
1.200	2.99	30.68	2.99	30.68	HS 59.72	107.5
1.300	2.47	20.86	2.47	20.86	HS 49.41	88.9
1.400	2.44	15.75	2.44	15.75	HS 48.90	88.0
1.500	2.61	12.52	2.61	12.52	HS 52.26	94.1
1.600	2.82	10.22	2.82	10.22	HS 56.38	101.5
1.700	3.39	8.46	3.39	8.46	HS 67.75	121.9
1.800	5.53	7.03	5.53	7.03	HS 110.61	199.1
1.900	15.99	5.31	15.99	5.31	HS 106.20	191.2
2.000	24.22	2.92	24.22	2.92	HS 58.39	105.1
2.000	20.59	2.33	20.59	2.33	HS 46.54	83.8
2.100	15.19	3.96	15.19	3.96	HS 79.24	142.6
2.200	5.26	5.20	5.26	5.20	HS 104.05	187.3
2.300	3.41	6.58	3.41	6.58	HS 68.12	122.6
2.400	2.92	8.53	2.92	8.53	HS 58.49	105.3
2.500	2.94	11.64	2.94	11.64	HS 58.88	106.0
2.600	2.90	10.39	2.90	10.39	HS 57.92	104.2
2.700	3.31	8.07	3.31	8.07	HS 66.20	119.2
2.800	4.99	6.43	4.99	6.43	HS 99.77	179.6
2.900	12.32	4.70	12.32	4.70	HS 94.01	169.2
3.000	17.00	2.60	17.00	2.60	HS 51.94	93.5
3.000	17.00	2.60	17.00	2.60	HS 51.94	93.5
3.100	12.06	4.76	12.06	4.76	HS 95.16	171.3
3.200	4.97	6.56	4.97	6.56	HS 99.34	178.8
3.300	3.26	8.24	3.26	8.24	HS 65.29	117.5
3.400	2.83	10.60	2.83	10.60	HS 56.64	101.9
3.500	2.88	14.20	2.88	14.20	HS 57.52	103.5
3.600	2.84	10.45	2.84	10.45	HS 56.75	102.2
3.700	3.28	8.09	3.28	8.09	HS 65.56	118.0
3.800	4.99	6.42	4.99	6.42	HS 99.89	179.8
3.900	12.58	4.67	12.58	4.67	HS 93.35	168.0
4.000	20.62	2.55	20.62	2.55	HS 51.08	91.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	20.62	2.55	20.62	2.55	HS 51.08	91.9
4.100	12.45	4.67	12.45	4.67	HS 93.38	168.1
4.200	5.01	6.42	5.01	6.42	HS 100.17	180.3
4.300	3.29	8.08	3.29	8.08	HS 65.79	118.4
4.400	2.85	10.42	2.85	10.42	HS 57.01	102.6
4.500	2.87	13.84	2.79	13.50	HS 55.79	100.4
4.600	2.85	10.42	2.85	10.42	HS 56.96	102.5
4.700	3.28	8.08	3.28	8.08	HS 65.69	118.2
4.800	5.00	6.43	5.00	6.43	HS 99.94	179.9
4.900	12.46	4.68	12.46	4.68	HS 93.55	168.4
5.000	20.25	2.56	20.25	2.56	HS 51.27	92.3
5.000	20.25	2.56	20.25	2.56	HS 51.27	92.3
5.100	12.25	4.68	12.25	4.68	HS 93.57	168.4
5.200	4.99	6.43	4.99	6.43	HS 99.90	179.8
5.300	3.28	8.09	3.28	8.09	HS 65.64	118.2
5.400	2.85	10.43	2.85	10.43	HS 56.91	102.4
5.500	2.87	13.89	2.79	13.55	HS 55.72	100.3
5.600	2.85	10.43	2.85	10.43	HS 56.93	102.5
5.700	3.28	8.09	3.28	8.09	HS 65.68	118.2
5.800	5.00	6.43	5.00	6.43	HS 99.98	180.0
5.900	12.50	4.68	12.50	4.68	HS 93.54	168.4
6.000	20.35	2.56	20.35	2.56	HS 51.21	92.2
6.000	20.35	2.56	20.35	2.56	HS 51.21	92.2
6.100	12.28	4.67	12.28	4.67	HS 93.47	168.2
6.200	4.99	6.42	4.99	6.42	HS 99.89	179.8
6.300	3.28	8.08	3.28	8.08	HS 65.63	118.1
6.400	2.84	10.42	2.85	10.42	HS 56.89	102.4
6.500	2.89	13.96	2.89	13.96	HS 57.71	103.9
6.600	2.84	10.43	2.84	10.43	HS 56.88	102.4
6.700	3.28	8.09	3.28	8.09	HS 65.61	118.1
6.800	4.99	6.43	4.99	6.43	HS 99.83	179.7
6.900	12.45	4.68	12.45	4.68	HS 93.61	168.5
7.000	20.23	2.57	20.23	2.57	HS 51.29	92.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	20.23	2.57	20.23	2.57	HS 51.29	92.3
7.100	12.25	4.68	12.25	4.68	HS 93.60	168.5
7.200	4.99	6.43	4.99	6.43	HS 99.88	179.8
7.300	3.28	8.08	3.28	8.08	HS 65.66	118.2
7.400	2.85	10.42	2.85	10.42	HS 56.94	102.5
7.500	2.89	13.90	2.89	13.90	HS 57.79	104.0
7.600	2.85	10.40	2.85	10.40	HS 56.97	102.5
7.700	3.29	8.06	3.29	8.06	HS 65.74	118.3
7.800	5.00	6.41	5.00	6.41	HS 100.05	180.1
7.900	12.65	4.66	12.65	4.66	HS 93.21	167.8
8.000	20.67	2.55	20.67	2.55	HS 51.05	91.9
8.000	20.67	2.55	20.67	2.55	HS 51.05	91.9
8.100	12.38	4.67	12.38	4.67	HS 93.42	168.2
8.200	5.01	6.43	5.01	6.43	HS 100.12	180.2
8.300	3.28	8.10	3.28	8.10	HS 65.67	118.2
8.400	2.82	10.40	2.74	10.15	HS 54.86	98.7
8.500	2.86	14.15	2.78	13.81	HS 55.59	100.1
8.600	2.82	10.55	2.74	10.30	HS 54.74	98.5
8.700	3.27	8.24	3.27	8.24	HS 65.39	117.7
8.800	4.98	6.56	4.98	6.56	HS 99.56	179.2
8.900	12.27	4.76	12.27	4.76	HS 95.17	171.3
9.000	17.01	2.60	17.01	2.60	HS 51.90	93.4
9.000	17.01	2.60	17.01	2.60	HS 51.90	93.4
9.100	12.11	4.69	12.11	4.69	HS 93.84	168.9
9.200	4.99	6.42	4.99	6.42	HS 99.72	179.5
9.300	3.31	8.05	3.31	8.05	HS 66.19	119.1
9.400	2.89	10.36	2.90	10.36	HS 57.91	104.2
9.500	2.94	11.63	2.94	11.63	HS 58.88	106.0
9.600	2.92	8.53	2.92	8.53	HS 58.49	105.3
9.700	3.41	6.58	3.41	6.58	HS 68.13	122.6
9.800	5.26	5.20	5.26	5.20	HS 104.06	187.3
9.900	15.50	3.96	15.50	3.96	HS 79.24	142.6
10.000	20.55	2.34	20.55	2.34	HS 46.87	84.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	20.55	2.34	20.55	2.34	HS 46.87	84.4
10.100	15.70	5.31	15.70	5.31	HS 106.18	191.1
10.200	5.53	7.03	5.53	7.03	HS 110.60	199.1
10.300	3.39	8.46	3.39	8.46	HS 67.75	121.9
10.400	2.82	10.22	2.82	10.22	HS 56.38	101.5
10.500	2.61	12.52	2.61	12.52	HS 52.26	94.1
10.600	2.44	15.75	2.44	15.75	HS 48.90	88.0
10.700	2.47	20.86	2.47	20.86	HS 49.41	88.9
10.800	2.99	30.68	2.99	30.68	HS 59.72	107.5
10.900	5.05	59.29	5.05	59.29	HS 101.11	182.0
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	40.15	R	0.00	30.88	0.00
1.200	2.8	28.6	67.40	R	0.00	51.84	0.00
1.300	3.5	35.7	82.56	R	0.00	63.51	0.00
1.400	3.8	38.0	86.76	R	0.00	66.74	0.00
1.500	3.6	35.6	83.09	L	0.00	63.91	0.00
1.600	2.9	28.2	78.14	L	0.00	60.11	0.00
1.700	1.7	16.0	63.69	L	0.00	48.99	0.00
1.800	0.1	-1.0	41.52	L	0.00	31.94	0.00
1.900	-2.0	-22.7	-37.13	R	0.00	-28.56	0.00
2.000	-4.5	-49.2	-44.33	L	0.00	-34.10	0.00
2.000	-4.5	-49.2	-44.33	L	0.00	-34.10	0.00
2.100	-2.6	-26.4	-38.71	L	0.00	-29.78	0.00
2.200	-1.1	-8.4	37.46	R	0.00	28.82	0.00
2.300	0.1	4.9	55.68	R	0.00	42.83	0.00
2.400	0.8	13.3	65.73	R	0.00	50.56	0.00
2.500	1.2	17.0	67.03	R	0.00	51.56	0.00
2.600	1.1	15.8	66.04	L	0.00	50.80	0.00
2.700	0.7	9.7	56.37	L	0.00	43.36	0.00
2.800	-0.1	-1.1	38.40	L	0.00	29.54	0.00
2.900	-1.3	-16.7	-34.93	R	0.00	-26.87	0.00
3.000	-3.0	-37.1	-40.04	R	0.00	-30.80	0.00
3.000	-3.0	-37.1	-40.04	R	0.00	-30.80	0.00
3.100	-1.2	-15.8	-34.62	L	0.00	-26.63	0.00
3.200	0.1	0.7	38.32	R	0.00	29.48	0.00
3.300	1.1	12.4	56.43	R	0.00	43.41	0.00
3.400	1.6	19.3	66.29	R	0.00	50.99	0.00
3.500	1.8	21.5	67.39	R	0.00	51.84	0.00
3.600	1.5	18.7	66.32	L	0.00	51.01	0.00
3.700	0.9	11.1	56.49	L	0.00	43.45	0.00
3.800	-0.1	-1.3	38.40	L	0.00	29.53	0.00
3.900	-1.6	-18.4	-34.91	R	0.00	-26.86	0.00
4.000	-3.4	-40.3	-39.99	R	0.00	-30.76	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.4	-40.3	-39.99	R	0.00	-30.76	0.00
4.100	-1.6	-18.7	-34.85	L	0.00	-26.81	0.00
4.200	-0.2	-1.8	38.36	R	0.00	29.50	0.00
4.300	0.8	10.4	56.46	R	0.00	43.43	0.00
4.400	1.4	17.7	66.30	R	0.00	51.00	0.00
4.500	1.6	20.3	67.38	R	0.00	51.83	0.00
4.600	1.4	17.9	66.30	L	0.00	51.00	0.00
4.700	0.8	10.7	56.47	L	0.00	43.44	0.00
4.800	-0.1	-1.2	38.37	L	0.00	29.51	0.00
4.900	-1.5	-18.0	-34.90	R	0.00	-26.85	0.00
5.000	-3.3	-39.5	-39.97	R	0.00	-30.74	0.00
5.000	-3.3	-39.5	-39.97	R	0.00	-30.74	0.00
5.100	-1.5	-17.9	-34.90	L	0.00	-26.84	0.00
5.200	-0.1	-1.1	38.37	R	0.00	29.51	0.00
5.300	0.9	10.9	56.47	R	0.00	43.44	0.00
5.400	1.4	18.1	66.30	R	0.00	51.00	0.00
5.500	1.6	20.6	67.38	L	0.00	51.83	0.00
5.600	1.4	18.1	66.30	L	0.00	51.00	0.00
5.700	0.8	10.8	56.46	L	0.00	43.43	0.00
5.800	-0.1	-1.3	38.36	L	0.00	29.51	0.00
5.900	-1.5	-18.1	-34.87	R	0.00	-26.83	0.00
6.000	-3.3	-39.8	-39.98	L	0.00	-30.75	0.00
6.000	-3.3	-39.8	-39.98	L	0.00	-30.75	0.00
6.100	-1.5	-18.1	-34.91	L	0.00	-26.85	0.00
6.200	-0.1	-1.3	38.39	R	0.00	29.53	0.00
6.300	0.8	10.8	56.50	R	0.00	43.46	0.00
6.400	1.4	18.1	66.34	R	0.00	51.03	0.00
6.500	1.6	20.6	67.42	L	0.00	51.86	0.00
6.600	1.5	18.1	66.34	L	0.00	51.03	0.00
6.700	0.9	10.9	56.49	L	0.00	43.46	0.00
6.800	-0.1	-1.1	38.39	L	0.00	29.53	0.00
6.900	-1.5	-17.9	-34.89	R	0.00	-26.84	0.00
7.000	-3.3	-39.4	-39.95	R	0.00	-30.73	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.3	-39.4	-39.95	R	0.00	-30.73	0.00
7.100	-1.5	-17.9	-34.88	L	0.00	-26.83	0.00
7.200	-0.1	-1.2	38.39	R	0.00	29.53	0.00
7.300	0.8	10.7	56.49	R	0.00	43.46	0.00
7.400	1.4	17.9	66.34	R	0.00	51.03	0.00
7.500	1.6	20.3	67.43	R	0.00	51.87	0.00
7.600	1.4	17.7	66.34	L	0.00	51.03	0.00
7.700	0.8	10.3	56.51	L	0.00	43.47	0.00
7.800	-0.2	-1.8	38.40	L	0.00	29.54	0.00
7.900	-1.6	-18.7	-34.94	R	0.00	-26.88	0.00
8.000	-3.4	-40.4	-40.02	R	0.00	-30.78	0.00
8.000	-3.4	-40.4	-40.02	R	0.00	-30.78	0.00
8.100	-1.6	-18.5	-34.86	L	0.00	-26.81	0.00
8.200	-0.1	-1.3	38.31	R	0.00	29.47	0.00
8.300	0.9	11.0	56.39	R	0.00	43.38	0.00
8.400	1.5	18.6	66.20	R	0.00	50.93	0.00
8.500	1.7	21.4	67.27	L	0.00	51.75	0.00
8.600	1.6	19.3	66.18	L	0.00	50.91	0.00
8.700	1.0	12.4	56.34	L	0.00	43.34	0.00
8.800	0.1	0.6	38.24	L	0.00	29.42	0.00
8.900	-1.2	-15.8	-34.59	R	0.00	-26.61	0.00
9.000	-3.0	-37.1	-40.13	L	0.00	-30.87	0.00
9.000	-3.0	-37.1	-40.13	L	0.00	-30.87	0.00
9.100	-1.3	-16.7	-35.01	L	0.00	-26.93	0.00
9.200	-0.1	-1.1	38.42	R	0.00	29.55	0.00
9.300	0.7	9.7	56.38	R	0.00	43.37	0.00
9.400	1.1	15.7	66.05	R	0.00	50.81	0.00
9.500	1.2	17.0	67.04	L	0.00	51.57	0.00
9.600	0.8	13.3	65.73	L	0.00	50.56	0.00
9.700	0.1	4.9	55.69	L	0.00	42.84	0.00
9.800	-1.1	-8.4	37.46	L	0.00	28.82	0.00
9.900	-2.6	-26.4	-38.71	R	0.00	-29.78	0.00
10.000	-4.5	-49.2	-44.33	R	0.00	-34.10	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-49.2	-44.33	R	0.00	-34.10	0.00
10.100	-2.0	-22.7	-37.13	L	0.00	-28.56	0.00
10.200	0.1	-1.0	41.52	R	0.00	31.94	0.00
10.300	1.7	16.0	63.69	R	0.00	49.00	0.00
10.400	2.9	28.2	78.14	R	0.00	60.11	0.00
10.500	3.6	35.6	83.09	R	0.00	63.91	0.00
10.600	3.8	38.0	86.77	L	0.00	66.74	0.00
10.700	3.5	35.7	82.56	L	0.00	63.51	0.00
10.800	2.8	28.6	67.40	L	0.00	51.84	0.00
10.900	1.6	16.7	40.15	L	0.00	30.88	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2
1.100	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
1.200	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.6	-424.6
1.300	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
1.400	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.0	-435.0
1.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
1.600	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.2
1.700	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
1.800	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.3
1.900	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
2.000	393.2C	343.3	-343.3	-393.2C	447.0	397.0	-289.5	-339.4
2.000	325.0C	284.1	-284.1	-325.0C	378.8	337.9	-230.3	-271.2
2.100	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
2.200	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
2.300	325.0C	284.1	-284.1	-325.0C	320.0	279.2	-289.0	-329.9
2.400	325.0C	284.1	-284.1	-325.0C	310.8	269.9	-298.3	-339.2
2.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
2.600	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
2.700	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
2.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
2.900	325.0C	284.1	-284.1	-325.0C	343.0	302.1	-266.1	-307.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0
3.100	325.0C	284.1	-284.1	-325.0C	342.0	301.1	-267.1	-308.0
3.200	325.0C	284.1	-284.1	-325.0C	324.2	283.3	-284.9	-325.8
3.300	325.0C	284.1	-284.1	-325.0C	311.5	270.7	-297.5	-338.4
3.400	325.0C	284.1	-284.1	-325.0C	304.1	263.2	-305.0	-345.9
3.500	325.0C	284.1	-284.1	-325.0C	301.8	260.9	-307.3	-348.2
3.600	325.0C	284.1	-284.1	-325.0C	304.8	263.9	-304.3	-345.2
3.700	325.0C	284.1	-284.1	-325.0C	313.0	272.1	-296.1	-337.0
3.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
3.900	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3
4.100	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
4.200	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
4.300	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.3	-336.1
4.400	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
4.500	328.2C	274.8	-282.2	-328.2C	306.3	253.0	-304.1	-350.0
4.600	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
4.700	325.0C	284.1	-284.1	-325.0C	313.4	272.6	-295.6	-336.5
4.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
4.900	325.0C	284.1	-284.1	-325.0C	344.5	303.6	-264.6	-305.5
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
5.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
5.300	325.0C	284.1	-284.1	-325.0C	313.2	272.4	-295.8	-336.7
5.400	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.5
5.500	328.2C	274.8	-282.2	-328.2C	306.0	252.6	-304.4	-350.4
5.600	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
5.700	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
5.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
5.900	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.100	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3
6.200	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
6.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
6.400	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
6.500	325.0C	284.1	-284.1	-325.0C	302.8	261.9	-306.3	-347.2
6.600	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.6
6.700	325.0C	284.1	-284.1	-325.0C	313.2	272.3	-295.9	-336.8
6.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
6.900	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
7.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.200	325.0C	284.1	-284.1	-325.0C	326.3	285.5	-282.8	-323.6
7.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
7.400	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
7.500	325.0C	284.1	-284.1	-325.0C	303.1	262.2	-306.0	-346.9
7.600	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
7.700	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.2	-336.1
7.800	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
7.900	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.100	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
8.200	325.0C	284.1	-284.1	-325.0C	326.5	285.6	-282.6	-323.5
8.300	325.0C	284.1	-284.1	-325.0C	313.1	272.2	-296.0	-336.9
8.400	325.0C	274.8	-282.2	-325.0C	304.9	254.7	-302.3	-345.1
8.500	328.2C	274.8	-282.2	-328.2C	305.0	251.7	-305.4	-351.3
8.600	325.0C	274.8	-282.2	-325.0C	304.1	254.0	-303.1	-345.9
8.700	325.0C	284.1	-284.1	-325.0C	311.6	270.7	-297.5	-338.4
8.800	325.0C	284.1	-284.1	-325.0C	324.2	283.4	-284.8	-325.7
8.900	325.0C	284.1	-284.1	-325.0C	342.1	301.2	-267.0	-307.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9
9.100	325.0C	284.1	-284.1	-325.0C	343.1	302.2	-266.0	-306.9
9.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
9.300	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
9.400	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
9.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
9.600	325.0C	284.1	-284.1	-325.0C	310.8	270.0	-298.3	-339.1
9.700	325.0C	284.1	-284.1	-325.0C	320.1	279.2	-289.0	-329.9
9.800	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
9.900	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
10.000	325.0C	284.1	-284.1	-325.0C	378.7	337.9	-230.3	-271.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	393.2C	284.1	-284.1	-393.2C	447.0	337.9	-230.3	-339.5
10.100	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
10.200	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.4
10.300	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
10.400	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.3
10.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
10.600	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.1	-435.0
10.700	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
10.800	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.7	-424.6
10.900	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
11.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	9.34	87.65	8.09	99.76	0.00	121.4
1.200	5.37	45.41	4.63	51.46	0.00	69.4
1.300	4.29	30.91	3.68	34.94	0.00	55.2
1.400	4.05	23.33	3.47	26.36	0.00	52.1
1.500	4.26	18.54	3.66	20.96	0.00	54.9
1.600	4.64	15.12	4.00	17.14	0.00	59.9
1.700	5.89	12.50	5.11	14.23	0.00	76.7
1.800	9.49	10.38	8.29	11.89	0.00	124.3
1.900	30.43	8.58	26.79	9.93	0.00	128.7
2.000	40.43	6.53	35.92	7.66	0.00	97.9
2.000	34.26	5.20	30.57	6.12	0.00	77.9
2.100	28.04	6.59	24.80	7.64	0.00	98.8
2.200	8.93	8.30	7.84	9.54	0.00	117.5
2.300	5.75	10.52	5.01	12.01	0.00	75.2
2.400	4.73	13.65	4.11	15.52	0.00	61.6
2.500	4.58	18.63	3.97	21.15	0.00	59.5
2.600	4.66	15.35	4.05	17.44	0.00	60.7
2.700	5.58	11.92	4.86	13.57	0.00	72.8
2.800	8.49	9.48	7.43	10.86	0.00	111.5
2.900	25.26	7.62	22.25	8.79	0.00	114.2
3.000	30.73	6.09	27.29	7.12	0.00	91.4
3.000	30.73	6.09	27.29	7.12	0.00	91.4
3.100	25.48	7.71	22.43	8.90	0.00	115.7
3.200	8.46	9.63	7.39	11.01	0.00	110.9
3.300	5.52	12.11	4.80	13.78	0.00	71.9
3.400	4.59	15.61	3.97	17.70	0.00	59.6
3.500	4.48	21.01	3.87	23.81	0.00	58.1
3.600	4.60	15.45	3.98	17.52	0.00	59.7
3.700	5.54	11.95	4.82	13.60	0.00	72.3
3.800	8.50	9.47	7.44	10.84	0.00	111.5
3.900	25.55	7.57	22.52	8.74	0.00	113.5
4.000	34.39	6.01	30.57	7.03	0.00	90.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	34.39	6.01	30.57	7.03	0.00	90.2
4.100	25.66	7.57	22.62	8.74	0.00	113.5
4.200	8.52	9.47	7.46	10.84	0.00	111.9
4.300	5.56	11.94	4.84	13.59	0.00	72.5
4.400	4.61	15.42	4.00	17.50	0.00	60.0
4.500	4.55	20.80	3.75	23.94	0.00	56.3
4.600	4.61	15.41	3.99	17.48	0.00	59.9
4.700	5.55	11.94	4.83	13.59	0.00	72.4
4.800	8.51	9.48	7.44	10.85	0.00	111.6
4.900	25.58	7.58	22.54	8.76	0.00	113.7
5.000	34.33	6.04	30.51	7.06	0.00	90.6
5.000	34.33	6.04	30.51	7.06	0.00	90.6
5.100	25.57	7.59	22.54	8.76	0.00	113.8
5.200	8.50	9.48	7.44	10.85	0.00	111.6
5.300	5.55	11.95	4.82	13.60	0.00	72.3
5.400	4.61	15.42	3.99	17.50	0.00	59.9
5.500	4.54	20.82	3.75	23.96	0.00	56.2
5.600	4.61	15.43	3.99	17.51	0.00	59.9
5.700	5.55	11.95	4.83	13.60	0.00	72.4
5.800	8.51	9.48	7.44	10.85	0.00	111.7
5.900	25.60	7.58	22.57	8.76	0.00	113.7
6.000	34.33	6.03	30.52	7.05	0.00	90.4
6.000	34.33	6.03	30.52	7.05	0.00	90.4
6.100	25.54	7.57	22.51	8.75	0.00	113.6
6.200	8.50	9.47	7.44	10.84	0.00	111.6
6.300	5.55	11.94	4.82	13.59	0.00	72.3
6.400	4.61	15.41	3.99	17.49	0.00	59.8
6.500	4.49	20.93	3.88	23.73	0.00	58.3
6.600	4.60	15.42	3.99	17.50	0.00	59.8
6.700	5.54	11.95	4.82	13.60	0.00	72.3
6.800	8.50	9.49	7.43	10.86	0.00	111.5
6.900	25.53	7.59	22.50	8.76	0.00	113.8
7.000	34.29	6.04	30.48	7.07	0.00	90.6

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	34.29	6.04	30.48	7.07	0.00	90.6
7.100	25.54	7.59	22.51	8.76	0.00	113.8
7.200	8.50	9.48	7.44	10.85	0.00	111.5
7.300	5.55	11.94	4.82	13.60	0.00	72.4
7.400	4.61	15.41	3.99	17.49	0.00	59.9
7.500	4.50	20.89	3.89	23.68	0.00	58.3
7.600	4.61	15.38	3.99	17.45	0.00	59.9
7.700	5.55	11.91	4.83	13.56	0.00	72.5
7.800	8.51	9.45	7.45	10.81	0.00	111.7
7.900	25.57	7.55	22.55	8.72	0.00	113.3
8.000	34.47	6.01	30.65	7.03	0.00	90.1
8.000	34.47	6.01	30.65	7.03	0.00	90.1
8.100	25.70	7.58	22.66	8.75	0.00	113.6
8.200	8.52	9.49	7.45	10.86	0.00	111.8
8.300	5.55	11.97	4.83	13.63	0.00	72.4
8.400	4.61	15.38	3.85	17.56	0.00	57.7
8.500	4.53	20.94	3.74	24.09	0.00	56.1
8.600	4.59	15.53	3.84	17.73	0.00	57.6
8.700	5.53	12.12	4.80	13.79	0.00	72.1
8.800	8.48	9.64	7.41	11.02	0.00	111.1
8.900	25.61	7.72	22.55	8.90	0.00	115.8
9.000	30.75	6.08	27.31	7.10	0.00	91.2
9.000	30.75	6.08	27.31	7.10	0.00	91.2
9.100	25.23	7.60	22.22	8.77	0.00	114.0
9.200	8.49	9.46	7.43	10.83	0.00	111.4
9.300	5.58	11.89	4.85	13.54	0.00	72.8
9.400	4.66	15.32	4.05	17.40	0.00	60.7
9.500	4.58	18.62	3.97	21.14	0.00	59.5
9.600	4.73	13.65	4.11	15.52	0.00	61.6
9.700	5.75	10.52	5.01	12.01	0.00	75.2
9.800	8.93	8.30	7.84	9.54	0.00	117.5
9.900	28.04	6.59	24.81	7.65	0.00	98.8
10.000	34.19	5.20	30.50	6.12	0.00	77.9

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	40.35	5.20	30.50	7.66	0.00	77.9
10.100	30.42	8.58	26.79	9.93	0.00	128.7
10.200	9.49	10.37	8.29	11.89	0.00	124.3
10.300	5.89	12.50	5.11	14.23	0.00	76.7
10.400	4.64	15.12	3.99	17.14	0.00	59.9
10.500	4.26	18.54	3.66	20.96	0.00	54.9
10.600	4.05	23.33	3.47	26.36	0.00	52.1
10.700	4.29	30.90	3.68	34.94	0.00	55.2
10.800	5.37	45.40	4.63	51.46	0.00	69.4
10.900	9.34	87.64	8.09	99.74	0.00	121.4
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	18.71	0.00	14.39	0.00
1.100	0.6	5.7	16.06	0.00	12.35	0.00
1.200	0.4	3.8	13.48	0.00	10.37	0.00
1.300	0.2	1.9	11.01	0.00	8.47	0.00
1.400	0.0	-0.1	8.68	0.00	6.67	0.00
1.500	-0.2	-2.0	-9.70	0.00	-7.46	0.00
1.600	-0.4	-3.9	-12.13	0.00	-9.33	0.00
1.700	-0.6	-5.8	-14.40	0.00	-11.08	0.00
1.800	-0.7	-7.7	-16.50	0.00	-12.69	0.00
1.900	-0.9	-9.6	-18.38	0.00	-14.14	0.00
2.000	-1.1	-11.6	-20.01	0.00	-15.39	0.00
2.000	0.9	-11.6	19.65	0.00	15.11	0.00
2.100	0.7	8.2	17.53	0.00	13.48	0.00
2.200	0.5	6.3	15.31	0.00	11.78	0.00
2.300	0.4	4.3	12.92	0.00	9.94	0.00
2.400	0.2	2.4	10.46	0.00	8.05	0.00
2.500	0.1	0.5	8.03	0.00	6.18	0.00
2.600	-0.1	-1.5	-10.34	0.00	-7.95	0.00
2.700	-0.3	-3.4	-12.80	0.00	-9.85	0.00
2.800	-0.4	-5.3	-15.20	0.00	-11.70	0.00
2.900	-0.6	-7.2	-17.45	0.00	-13.42	0.00
3.000	-0.7	-9.1	-19.43	0.00	-14.94	0.00
3.000	0.8	9.5	19.45	0.00	14.96	0.00
3.100	0.6	7.6	17.48	0.00	13.45	0.00
3.200	0.5	5.6	15.26	0.00	11.73	0.00
3.300	0.3	3.7	12.86	0.00	9.90	0.00
3.400	0.1	1.8	10.41	0.00	8.00	0.00
3.500	0.0	-0.1	7.98	0.00	6.14	0.00
3.600	-0.2	-2.1	-10.40	0.00	-8.00	0.00
3.700	-0.3	-4.0	-12.85	0.00	-9.89	0.00
3.800	-0.5	-5.9	-15.25	0.00	-11.73	0.00
3.900	-0.6	-7.8	-17.48	0.00	-13.44	0.00
4.000	-0.8	-9.7	-19.45	0.00	-14.96	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	19.45	0.00	14.96	0.00
4.100	0.6	7.7	17.48	0.00	13.45	0.00
4.200	0.5	5.8	15.25	0.00	11.73	0.00
4.300	0.3	3.9	12.86	0.00	9.89	0.00
4.400	0.2	2.0	10.40	0.00	8.00	0.00
4.500	0.0	0.1	7.98	0.00	6.14	0.00
4.600	-0.2	-1.9	-10.40	0.00	-8.00	0.00
4.700	-0.3	-3.8	-12.86	0.00	-9.89	0.00
4.800	-0.5	-5.7	-15.25	0.00	-11.73	0.00
4.900	-0.6	-7.7	-17.48	0.00	-13.45	0.00
5.000	-0.8	-9.6	-19.45	0.00	-14.96	0.00
5.000	0.8	9.6	19.45	0.00	14.96	0.00
5.100	0.6	7.7	17.48	0.00	13.45	0.00
5.200	0.5	5.8	15.25	0.00	11.73	0.00
5.300	0.3	3.8	12.86	0.00	9.89	0.00
5.400	0.2	1.9	10.40	0.00	8.00	0.00
5.500	0.0	0.0	7.98	0.00	6.14	0.00
5.600	-0.2	-2.0	-10.40	0.00	-8.00	0.00
5.700	-0.3	-3.9	-12.86	0.00	-9.89	0.00
5.800	-0.5	-5.8	-15.25	0.00	-11.73	0.00
5.900	-0.6	-7.7	-17.48	0.00	-13.45	0.00
6.000	-0.8	-9.6	-19.45	0.00	-14.96	0.00
6.000	0.8	9.6	19.45	0.00	14.96	0.00
6.100	0.6	7.7	17.48	0.00	13.45	0.00
6.200	0.5	5.8	15.25	0.00	11.73	0.00
6.300	0.3	3.9	12.86	0.00	9.89	0.00
6.400	0.2	2.0	10.40	0.00	8.00	0.00
6.500	0.0	0.1	7.98	0.00	6.14	0.00
6.600	-0.2	-1.9	-10.40	0.00	-8.00	0.00
6.700	-0.3	-3.8	-12.86	0.00	-9.89	0.00
6.800	-0.5	-5.8	-15.25	0.00	-11.73	0.00
6.900	-0.6	-7.7	-17.48	0.00	-13.45	0.00
7.000	-0.8	-9.6	-19.45	0.00	-14.96	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	19.45	0.00	14.96	0.00
7.100	0.6	7.6	17.48	0.00	13.45	0.00
7.200	0.5	5.7	15.25	0.00	11.73	0.00
7.300	0.3	3.8	12.86	0.00	9.89	0.00
7.400	0.2	1.9	10.40	0.00	8.00	0.00
7.500	0.0	0.0	7.98	0.00	6.14	0.00
7.600	-0.2	-2.0	-10.40	0.00	-8.00	0.00
7.700	-0.3	-3.9	-12.86	0.00	-9.89	0.00
7.800	-0.5	-5.8	-15.25	0.00	-11.73	0.00
7.900	-0.6	-7.7	-17.48	0.00	-13.45	0.00
8.000	-0.8	-9.6	-19.45	0.00	-14.96	0.00
8.000	0.8	9.7	19.45	0.00	14.96	0.00
8.100	0.6	7.8	17.48	0.00	13.44	0.00
8.200	0.5	5.9	15.25	0.00	11.73	0.00
8.300	0.3	4.0	12.85	0.00	9.89	0.00
8.400	0.2	2.1	10.40	0.00	8.00	0.00
8.500	0.0	0.2	-7.98	0.00	-6.14	0.00
8.600	-0.1	-1.8	-10.41	0.00	-8.00	0.00
8.700	-0.3	-3.7	-12.86	0.00	-9.89	0.00
8.800	-0.5	-5.6	-15.26	0.00	-11.73	0.00
8.900	-0.6	-7.6	-17.48	0.00	-13.45	0.00
9.000	-0.8	-9.5	-19.45	0.00	-14.96	0.00
9.000	0.7	-9.5	19.43	0.00	14.94	0.00
9.100	0.6	7.2	17.44	0.00	13.42	0.00
9.200	0.4	5.3	15.20	0.00	11.69	0.00
9.300	0.3	3.4	12.80	0.00	9.85	0.00
9.400	0.1	1.5	10.34	0.00	7.95	0.00
9.500	-0.1	-0.5	-8.03	0.00	-6.18	0.00
9.600	-0.2	-2.4	-10.47	0.00	-8.05	0.00
9.700	-0.4	-4.3	-12.93	0.00	-9.94	0.00
9.800	-0.5	-6.2	-15.31	0.00	-11.78	0.00
9.900	-0.7	-8.2	-17.53	0.00	-13.48	0.00
10.000	-0.9	-10.1	-19.47	0.00	-14.98	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	20.01	0.00	15.39	0.00
10.100	0.9	9.6	18.38	0.00	14.14	0.00
10.200	0.7	7.7	16.50	0.00	12.69	0.00
10.300	0.6	5.8	14.40	0.00	11.08	0.00
10.400	0.4	3.9	12.13	0.00	9.33	0.00
10.500	0.2	2.0	9.70	0.00	7.46	0.00
10.600	0.0	0.1	-8.68	0.00	-6.67	0.00
10.700	-0.2	-1.9	-11.01	0.00	-8.47	0.00
10.800	-0.4	-3.8	-13.48	0.00	-10.37	0.00
10.900	-0.6	-5.7	-16.06	0.00	-12.35	0.00
11.000	-0.8	-7.6	-18.71	0.00	-14.39	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	184.6	-150.4	133.6
1.100	184.6	-148.3	135.7
1.200	184.6	-146.2	137.8
1.300	184.6	-144.1	139.9
1.400	184.6	-142.0	142.0
1.500	184.6	-139.9	144.1
1.600	184.6	-137.7	146.3
1.700	184.6	-135.6	148.4
1.800	184.6	-133.5	150.5
1.900	184.6	-131.4	152.6
2.000	184.6	-129.3	154.7
2.000	160.8	-129.3	112.7
2.100	160.8	-132.5	114.8
2.200	160.8	-130.5	116.9
2.300	160.8	-128.4	119.0
2.400	160.8	-126.3	121.0
2.500	160.8	-124.3	123.1
2.600	160.8	-122.1	125.2
2.700	160.8	-120.0	127.3
2.800	160.8	-118.0	129.4
2.900	160.8	-115.9	131.4
3.000	160.8	-113.8	124.4
3.000	160.8	-113.8	113.4
3.100	160.8	-131.8	115.5
3.200	160.8	-129.8	117.6
3.300	160.8	-127.7	119.6
3.400	160.8	-125.6	121.7
3.500	160.8	-123.6	123.8
3.600	160.8	-121.4	125.9
3.700	160.8	-119.4	128.0
3.800	160.8	-117.3	130.1
3.900	160.8	-115.2	132.1
4.000	160.8	-113.1	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	160.8	-113.1	113.3
4.100	160.8	-132.0	115.3
4.200	160.8	-130.0	117.4
4.300	160.8	-127.9	119.5
4.400	160.8	-125.8	121.5
4.500	160.8	-123.7	123.6
4.600	160.8	-121.6	125.7
4.700	160.8	-119.5	127.8
4.800	160.8	-117.5	129.9
4.900	160.8	-115.4	131.9
5.000	160.8	-113.3	124.5
5.000	160.8	-113.3	113.3
5.100	160.8	-132.0	115.4
5.200	160.8	-129.9	117.4
5.300	160.8	-127.8	119.5
5.400	160.8	-125.8	121.6
5.500	160.8	-123.7	123.7
5.600	160.8	-121.6	125.8
5.700	160.8	-119.5	127.9
5.800	160.8	-117.4	129.9
5.900	160.8	-115.3	132.0
6.000	160.8	-113.3	124.5
6.000	160.8	-113.3	113.3
6.100	160.8	-132.0	115.3
6.200	160.8	-129.9	117.4
6.300	160.8	-127.9	119.5
6.400	160.8	-125.8	121.6
6.500	160.8	-123.7	123.6
6.600	160.8	-121.6	125.8
6.700	160.8	-119.5	127.8
6.800	160.8	-117.4	129.9
6.900	160.8	-115.4	132.0
7.000	160.8	-113.3	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	160.8	-113.3	113.3
7.100	160.8	-131.9	115.4
7.200	160.8	-129.9	117.5
7.300	160.8	-127.8	119.5
7.400	160.8	-125.7	121.6
7.500	160.8	-123.7	123.7
7.600	160.8	-121.5	125.8
7.700	160.8	-119.5	127.9
7.800	160.8	-117.4	130.0
7.900	160.8	-115.3	132.0
8.000	160.8	-113.2	124.5
8.000	160.8	-113.2	113.1
8.100	160.8	-132.1	115.2
8.200	160.8	-130.1	117.3
8.300	160.8	-128.0	119.4
8.400	160.8	-125.9	121.4
8.500	160.8	-123.9	123.5
8.600	160.8	-121.7	125.6
8.700	160.8	-119.7	127.7
8.800	160.8	-117.6	129.8
8.900	160.8	-115.5	131.8
9.000	160.8	-113.4	124.4
9.000	160.8	-113.4	113.8
9.100	160.8	-131.4	115.9
9.200	160.8	-129.4	118.0
9.300	160.8	-127.3	120.0
9.400	160.8	-125.2	122.1
9.500	160.8	-123.2	124.2
9.600	160.8	-121.0	126.3
9.700	160.8	-119.0	128.4
9.800	160.8	-116.9	130.5
9.900	160.8	-114.8	132.5
10.000	160.8	-112.7	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	184.6	-112.7	129.3
10.100	184.6	-152.6	131.4
10.200	184.6	-150.5	133.5
10.300	184.6	-148.4	135.6
10.400	184.6	-146.3	137.7
10.500	184.6	-144.2	139.8
10.600	184.6	-142.0	142.0
10.700	184.6	-139.9	144.1
10.800	184.6	-137.8	146.2
10.900	184.6	-135.7	148.3
11.000	184.6	-133.6	142.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	91.14	7.14	0.00	107.1
1.100	80.52	8.45	0.00	126.8
1.200	39.93	10.23	0.00	153.4
1.300	26.50	12.71	0.00	190.7
1.400	19.86	16.37	0.00	245.6
1.500	14.43	22.11	0.00	216.4
1.600	11.36	32.06	0.00	170.4
1.700	9.42	51.98	0.00	141.3
1.800	8.09	106.51	0.00	121.4
1.900	7.15	345.12	0.00	107.3
2.000	6.47	349.86	0.00	97.0
2.000	6.47	5.74	0.00	86.1
2.100	64.85	6.55	0.00	98.2
2.200	63.83	7.63	0.00	114.5
2.300	36.06	9.20	0.00	138.1
2.400	22.44	11.57	0.00	173.5
2.500	15.70	15.33	0.00	229.9
2.600	11.81	21.88	0.00	177.2
2.700	9.38	35.01	0.00	140.7
2.800	7.76	57.53	0.00	116.4
2.900	6.64	58.46	0.00	99.7
3.000	5.86	55.33	0.00	87.9
3.000	5.86	5.83	0.00	87.5
3.100	64.98	6.61	0.00	99.1
3.200	63.96	7.71	0.00	115.6
3.300	35.42	9.30	0.00	139.5
3.400	22.12	11.70	0.00	175.5
3.500	15.50	15.51	0.00	232.5
3.600	11.68	22.15	0.00	175.2
3.700	9.28	35.45	0.00	139.3
3.800	7.69	64.68	0.00	115.4
3.900	6.59	65.71	0.00	98.9
4.000	5.82	61.91	0.00	87.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	5.82	5.82	0.00	87.3
4.100	65.11	6.60	0.00	99.0
4.200	64.09	7.70	0.00	115.5
4.300	35.45	9.29	0.00	139.3
4.400	22.14	11.68	0.00	175.3
4.500	15.52	15.49	0.00	232.4
4.600	11.69	22.12	0.00	175.4
4.700	9.30	35.42	0.00	139.5
4.800	7.70	64.14	0.00	115.5
4.900	6.60	65.16	0.00	99.0
5.000	5.83	61.47	0.00	87.4
5.000	5.83	5.83	0.00	87.4
5.100	65.14	6.60	0.00	99.0
5.200	64.12	7.70	0.00	115.5
5.300	35.43	9.30	0.00	139.4
5.400	22.13	11.69	0.00	175.3
5.500	15.51	15.50	0.00	232.5
5.600	11.69	22.14	0.00	175.3
5.700	9.29	35.44	0.00	139.4
5.800	7.70	64.08	0.00	115.5
5.900	6.60	65.11	0.00	99.0
6.000	5.82	61.39	0.00	87.4
6.000	5.82	5.82	0.00	87.4
6.100	65.15	6.60	0.00	99.0
6.200	64.13	7.70	0.00	115.5
6.300	35.44	9.29	0.00	139.4
6.400	22.14	11.69	0.00	175.3
6.500	15.51	15.50	0.00	232.5
6.600	11.69	22.13	0.00	175.3
6.700	9.29	35.43	0.00	139.4
6.800	7.70	64.07	0.00	115.5
6.900	6.60	65.09	0.00	99.0
7.000	5.83	61.38	0.00	87.4

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	5.83	5.83	0.00	87.4
7.100	65.01	6.60	0.00	99.0
7.200	63.99	7.70	0.00	115.5
7.300	35.43	9.30	0.00	139.4
7.400	22.13	11.69	0.00	175.4
7.500	15.51	15.50	0.00	232.6
7.600	11.69	22.14	0.00	175.3
7.700	9.29	35.44	0.00	139.4
7.800	7.70	64.15	0.00	115.5
7.900	6.60	65.17	0.00	99.0
8.000	5.82	61.44	0.00	87.4
8.000	5.82	5.82	0.00	87.3
8.100	65.71	6.59	0.00	98.9
8.200	64.68	7.69	0.00	115.4
8.300	35.46	9.28	0.00	139.3
8.400	22.15	11.68	0.00	175.2
8.500	15.52	15.49	0.00	232.4
8.600	11.70	22.12	0.00	175.5
8.700	9.30	35.42	0.00	139.5
8.800	7.71	64.01	0.00	115.6
8.900	6.61	65.03	0.00	99.1
9.000	5.83	61.38	0.00	87.5
9.000	5.83	5.86	0.00	87.5
9.100	58.47	6.64	0.00	99.7
9.200	57.55	7.76	0.00	116.4
9.300	35.00	9.38	0.00	140.7
9.400	21.87	11.81	0.00	177.2
9.500	15.34	15.69	0.00	230.0
9.600	11.56	22.44	0.00	173.5
9.700	9.20	36.06	0.00	138.0
9.800	7.63	63.69	0.00	114.5
9.900	6.55	64.70	0.00	98.2
10.000	5.79	60.79	0.00	86.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	5.79	6.47	0.00	86.8
10.100	344.36	7.15	0.00	107.3
10.200	106.51	8.09	0.00	121.4
10.300	51.98	9.42	0.00	141.3
10.400	32.06	11.36	0.00	170.4
10.500	22.12	14.42	0.00	216.3
10.600	16.37	19.86	0.00	245.6
10.700	12.71	26.50	0.00	190.7
10.800	10.23	39.93	0.00	153.4
10.900	8.45	80.53	0.00	126.8
11.000	7.14	999.00	0.00	107.1

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0
1.100	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
1.200	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
1.300	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
1.400	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
1.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
1.600	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
1.700	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
1.800	357.0	357.0	-357.0	-357.0	357.9	357.9	-356.1	-356.1
1.900	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
2.000	357.0	357.0	-357.0	-357.0	410.7	410.7	-303.2	-303.2
2.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
2.100	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.4	-266.5
2.200	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
2.300	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
2.400	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
2.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
2.600	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
2.700	295.5	295.5	-295.5	-295.5	285.0	285.0	-305.9	-305.9
2.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.3
2.900	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4

3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.100	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4
3.200	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.3	-296.3
3.300	295.5	295.5	-295.5	-295.5	282.0	282.0	-308.9	-308.9
3.400	295.5	295.5	-295.5	-295.5	274.5	274.6	-316.4	-316.4
3.500	295.5	295.5	-295.5	-295.5	272.2	272.3	-318.7	-318.7
3.600	295.5	295.5	-295.5	-295.5	275.3	275.3	-315.6	-315.7
3.700	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
3.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
3.900	295.5	295.5	-295.5	-295.5	315.4	315.5	-275.5	-275.5
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
4.100	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
4.200	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
4.300	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
4.400	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
4.500	293.5	285.8	-293.5	-285.8	271.6	264.0	-315.4	-307.7
4.600	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
4.700	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
4.800	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
4.900	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.1	-276.1
5.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
5.300	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
5.400	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.0
5.500	293.5	285.8	-293.5	-285.8	271.3	263.6	-315.7	-308.0
5.600	295.5	295.5	-295.5	-295.5	276.0	276.0	-315.0	-315.0
5.700	295.5	295.5	-295.5	-295.5	283.8	283.9	-307.1	-307.1
5.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
5.900	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8

6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.100	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8
6.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
6.300	295.5	295.5	-295.5	-295.5	283.8	283.8	-307.1	-307.1
6.400	295.5	295.5	-295.5	-295.5	275.9	276.0	-315.0	-315.0
6.500	295.5	295.5	-295.5	-295.5	273.2	273.3	-317.7	-317.7
6.600	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.1
6.700	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
6.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.3	-294.3
6.900	295.5	295.5	-295.5	-295.5	314.8	314.8	-276.1	-276.1
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8
7.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
7.200	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
7.300	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
7.400	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
7.500	295.5	295.5	-295.5	-295.5	273.6	273.6	-317.3	-317.3
7.600	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
7.700	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
7.800	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
7.900	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.100	295.5	295.5	-295.5	-295.5	315.5	315.5	-275.4	-275.5
8.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
8.300	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
8.400	293.5	285.8	-293.5	-285.8	273.4	265.7	-313.6	-305.9
8.500	293.5	285.8	-293.5	-285.8	270.3	262.6	-316.7	-309.0
8.600	293.5	285.8	-293.5	-285.8	272.6	264.9	-314.4	-306.7
8.700	295.5	295.5	-295.5	-295.5	282.1	282.1	-308.9	-308.9
8.800	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.2	-296.2
8.900	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4

9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.100	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4
9.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
9.300	295.5	295.5	-295.5	-295.5	285.1	285.1	-305.9	-305.9
9.400	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
9.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
9.600	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
9.700	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
9.800	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
9.900	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.5	-266.5
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
10.100	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
10.200	357.0	357.0	-357.0	-357.0	357.8	357.8	-356.1	-356.1
10.300	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
10.400	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
10.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
10.600	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
10.700	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
10.800	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
10.900	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
11.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	8.44	90.98	8.44	90.98	0.00	126.5
1.200	4.83	47.07	4.83	47.07	0.00	72.5
1.300	3.85	32.01	3.85	32.01	0.00	57.7
1.400	3.63	24.17	3.63	24.17	0.00	54.5
1.500	3.83	19.20	3.83	19.20	0.00	57.4
1.600	4.17	15.68	4.17	15.68	0.00	62.6
1.700	5.33	12.98	5.33	12.98	0.00	79.9
1.800	8.62	10.79	8.62	10.79	0.00	129.3
1.900	27.79	8.95	27.79	8.95	0.00	134.3
2.000	37.16	6.84	37.16	6.84	0.00	102.6
2.000	31.59	5.45	31.59	5.45	0.00	81.8
2.100	25.70	6.88	25.70	6.88	0.00	103.2
2.200	8.14	8.64	8.14	8.64	0.00	122.1
2.300	5.22	10.94	5.22	10.94	0.00	78.3
2.400	4.28	14.17	4.28	14.17	0.00	64.2
2.500	4.14	19.33	4.14	19.33	0.00	62.0
2.600	4.22	15.93	4.22	15.93	0.00	63.3
2.700	5.06	12.38	5.06	12.38	0.00	75.9
2.800	7.73	9.87	7.73	9.87	0.00	115.9
2.900	23.08	7.94	23.08	7.94	0.00	119.1
3.000	28.24	6.38	28.24	6.38	0.00	95.7
3.000	28.24	6.38	28.24	6.38	0.00	95.7
3.100	23.28	8.04	23.28	8.04	0.00	120.6
3.200	7.69	10.01	7.69	10.01	0.00	115.3
3.300	5.00	12.57	5.00	12.57	0.00	75.0
3.400	4.14	16.19	4.14	16.19	0.00	62.1
3.500	4.04	21.79	4.04	21.79	0.00	60.6
3.600	4.15	16.02	4.15	16.03	0.00	62.3
3.700	5.02	12.41	5.02	12.41	0.00	75.3
3.800	7.73	9.85	7.73	9.85	0.00	116.0
3.900	23.37	7.89	23.37	7.89	0.00	118.4
4.000	31.63	6.30	31.63	6.30	0.00	94.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	31.63	6.30	31.63	6.30	0.00	94.4
4.100	23.46	7.90	23.46	7.90	0.00	118.4
4.200	7.75	9.85	7.76	9.85	0.00	116.3
4.300	5.04	12.40	5.04	12.40	0.00	75.5
4.400	4.17	15.99	4.17	15.99	0.00	62.5
4.500	4.03	21.57	3.92	21.04	0.00	58.8
4.600	4.17	15.98	4.17	15.98	0.00	62.5
4.700	5.03	12.40	5.03	12.40	0.00	75.4
4.800	7.74	9.86	7.74	9.86	0.00	116.0
4.900	23.38	7.91	23.38	7.91	0.00	118.6
5.000	31.58	6.32	31.58	6.32	0.00	94.8
5.000	31.58	6.32	31.58	6.32	0.00	94.8
5.100	23.38	7.91	23.38	7.91	0.00	118.7
5.200	7.73	9.86	7.73	9.86	0.00	116.0
5.300	5.02	12.41	5.03	12.41	0.00	75.4
5.400	4.16	16.00	4.16	16.00	0.00	62.4
5.500	4.03	21.59	3.91	21.06	0.00	58.7
5.600	4.16	16.00	4.16	16.01	0.00	62.4
5.700	5.03	12.41	5.03	12.41	0.00	75.4
5.800	7.74	9.86	7.74	9.86	0.00	116.1
5.900	23.41	7.91	23.41	7.91	0.00	118.6
6.000	31.58	6.31	31.58	6.31	0.00	94.7
6.000	31.58	6.31	31.58	6.31	0.00	94.7
6.100	23.35	7.90	23.35	7.90	0.00	118.5
6.200	7.73	9.85	7.73	9.85	0.00	116.0
6.300	5.02	12.40	5.02	12.40	0.00	75.4
6.400	4.16	15.99	4.16	15.99	0.00	62.4
6.500	4.05	21.71	4.05	21.71	0.00	60.8
6.600	4.16	16.00	4.16	16.00	0.00	62.4
6.700	5.02	12.41	5.02	12.41	0.00	75.3
6.800	7.73	9.87	7.73	9.87	0.00	115.9
6.900	23.34	7.91	23.34	7.91	0.00	118.7
7.000	31.54	6.33	31.54	6.33	0.00	94.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	31.54	6.33	31.54	6.33	0.00	94.9
7.100	23.35	7.91	23.35	7.91	0.00	118.7
7.200	7.73	9.86	7.73	9.86	0.00	116.0
7.300	5.03	12.40	5.03	12.40	0.00	75.4
7.400	4.16	15.99	4.16	15.99	0.00	62.4
7.500	4.06	21.67	4.06	21.67	0.00	60.9
7.600	4.17	15.95	4.17	15.95	0.00	62.5
7.700	5.03	12.37	5.03	12.37	0.00	75.5
7.800	7.74	9.83	7.75	9.83	0.00	116.2
7.900	23.39	7.88	23.39	7.88	0.00	118.1
8.000	31.71	6.29	31.71	6.29	0.00	94.4
8.000	31.71	6.29	31.71	6.29	0.00	94.4
8.100	23.50	7.90	23.50	7.90	0.00	118.5
8.200	7.75	9.87	7.75	9.87	0.00	116.3
8.300	5.03	12.43	5.03	12.43	0.00	75.4
8.400	4.13	15.96	4.01	15.57	0.00	60.2
8.500	4.02	21.71	3.90	21.18	0.00	58.6
8.600	4.12	16.11	4.00	15.72	0.00	60.0
8.700	5.01	12.59	5.01	12.59	0.00	75.1
8.800	7.71	10.02	7.71	10.02	0.00	115.6
8.900	23.40	8.05	23.40	8.05	0.00	120.7
9.000	28.27	6.36	28.27	6.36	0.00	95.5
9.000	28.27	6.36	28.27	6.36	0.00	95.5
9.100	23.05	7.92	23.05	7.92	0.00	118.8
9.200	7.72	9.84	7.72	9.84	0.00	115.8
9.300	5.06	12.35	5.06	12.35	0.00	75.8
9.400	4.22	15.90	4.22	15.90	0.00	63.3
9.500	4.14	19.33	4.14	19.33	0.00	62.0
9.600	4.28	14.17	4.28	14.17	0.00	64.2
9.700	5.22	10.94	5.22	10.94	0.00	78.3
9.800	8.14	8.64	8.14	8.64	0.00	122.1
9.900	25.70	6.88	25.71	6.88	0.00	103.2
10.000	31.52	5.45	31.52	5.45	0.00	81.8

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	31.52	5.45	31.52	5.45	0.00	81.8
10.100	27.79	8.95	27.79	8.95	0.00	134.2
10.200	8.62	10.79	8.62	10.79	0.00	129.3
10.300	5.33	12.97	5.33	12.97	0.00	79.9
10.400	4.17	15.68	4.17	15.68	0.00	62.6
10.500	3.83	19.20	3.83	19.20	0.00	57.4
10.600	3.63	24.16	3.63	24.16	0.00	54.5
10.700	3.85	32.01	3.85	32.01	0.00	57.7
10.800	4.83	47.07	4.83	47.07	0.00	72.5
10.900	8.44	90.96	8.44	90.96	0.00	126.5
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	54.79	R	0.00	42.14	0.00
1.200	2.8	28.6	90.55	R	0.00	69.66	0.00
1.300	3.5	35.7	108.81	R	0.00	83.70	0.00
1.400	3.8	38.0	115.75	R	0.00	89.04	0.00
1.500	3.6	35.6	113.45	R	0.00	87.27	0.00
1.600	2.9	28.2	100.82	L	0.00	77.55	0.00
1.700	1.7	16.0	82.36	L	0.00	63.36	0.00
1.800	0.1	-1.0	51.57	L	0.00	39.67	0.00
1.900	-2.0	-22.7	-53.41	R	0.00	-41.09	0.00
2.000	-4.5	-49.2	-66.69	R	0.00	-51.30	0.00
2.000	-4.5	-49.2	-66.69	R	0.00	-51.30	0.00
2.100	-2.6	-26.4	-55.69	L	0.00	-42.83	0.00
2.200	-1.1	-8.4	-47.60	L	0.00	-36.61	0.00
2.300	0.1	4.9	70.64	R	0.00	54.34	0.00
2.400	0.8	13.3	83.99	R	0.00	64.61	0.00
2.500	1.2	17.0	89.53	L	0.00	68.87	0.00
2.600	1.1	15.8	84.53	L	0.00	65.02	0.00
2.700	0.7	9.7	71.60	L	0.00	55.08	0.00
2.800	-0.1	-1.1	46.85	L	0.00	36.04	0.00
2.900	-1.3	-16.7	-50.26	R	0.00	-38.66	0.00
3.000	-3.0	-37.1	-63.26	L	0.00	-48.66	0.00
3.000	-3.0	-37.1	-63.26	L	0.00	-48.66	0.00
3.100	-1.2	-15.8	-49.81	L	0.00	-38.31	0.00
3.200	0.1	0.7	46.72	R	0.00	35.94	0.00
3.300	1.1	12.4	71.71	R	0.00	55.16	0.00
3.400	1.6	19.3	84.85	R	0.00	65.27	0.00
3.500	1.8	21.5	90.12	L	0.00	69.32	0.00
3.600	1.5	18.7	84.89	L	0.00	65.30	0.00
3.700	0.9	11.1	71.78	L	0.00	55.22	0.00
3.800	-0.1	-1.3	46.84	L	0.00	36.03	0.00
3.900	-1.6	-18.4	-50.23	R	0.00	-38.64	0.00
4.000	-3.4	-40.3	-63.24	L	0.00	-48.65	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.4	-40.3	-63.24	L	0.00	-48.65	0.00
4.100	-1.6	-18.7	-50.14	L	0.00	-38.57	0.00
4.200	-0.2	-1.8	46.78	R	0.00	35.98	0.00
4.300	0.8	10.4	71.73	R	0.00	55.18	0.00
4.400	1.4	17.7	84.87	R	0.00	65.28	0.00
4.500	1.6	20.3	90.10	L	0.00	69.31	0.00
4.600	1.4	17.9	84.87	L	0.00	65.29	0.00
4.700	0.8	10.7	71.75	L	0.00	55.19	0.00
4.800	-0.1	-1.2	46.79	L	0.00	35.99	0.00
4.900	-1.5	-18.0	-50.21	R	0.00	-38.62	0.00
5.000	-3.3	-39.5	-63.23	L	0.00	-48.64	0.00
5.000	-3.3	-39.5	-63.23	L	0.00	-48.64	0.00
5.100	-1.5	-17.9	-50.21	L	0.00	-38.62	0.00
5.200	-0.1	-1.1	46.79	R	0.00	35.99	0.00
5.300	0.9	10.9	71.75	R	0.00	55.19	0.00
5.400	1.4	18.1	84.87	R	0.00	65.29	0.00
5.500	1.6	20.6	90.11	R	0.00	69.31	0.00
5.600	1.4	18.1	84.87	L	0.00	65.28	0.00
5.700	0.8	10.8	71.74	L	0.00	55.18	0.00
5.800	-0.1	-1.3	46.78	L	0.00	35.99	0.00
5.900	-1.5	-18.1	-50.17	R	0.00	-38.59	0.00
6.000	-3.3	-39.8	-63.24	R	0.00	-48.64	0.00
6.000	-3.3	-39.8	-63.24	R	0.00	-48.64	0.00
6.100	-1.5	-18.1	-50.22	L	0.00	-38.63	0.00
6.200	-0.1	-1.3	46.83	R	0.00	36.03	0.00
6.300	0.8	10.8	71.80	R	0.00	55.23	0.00
6.400	1.4	18.1	84.92	R	0.00	65.32	0.00
6.500	1.6	20.6	90.17	R	0.00	69.36	0.00
6.600	1.5	18.1	84.92	L	0.00	65.32	0.00
6.700	0.9	10.9	71.79	L	0.00	55.22	0.00
6.800	-0.1	-1.1	46.82	L	0.00	36.02	0.00
6.900	-1.5	-17.9	-50.19	R	0.00	-38.61	0.00
7.000	-3.3	-39.4	-63.21	L	0.00	-48.62	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
7.000	-3.3	-39.4	-63.21	L	0.00	-48.62	0.00
7.100	-1.5	-17.9	-50.19	L	0.00	-38.60	0.00
7.200	-0.1	-1.2	46.82	R	0.00	36.02	0.00
7.300	0.8	10.7	71.79	R	0.00	55.23	0.00
7.400	1.4	17.9	84.92	R	0.00	65.32	0.00
7.500	1.6	20.3	90.17	L	0.00	69.36	0.00
7.600	1.4	17.7	84.93	L	0.00	65.33	0.00
7.700	0.8	10.3	71.81	L	0.00	55.24	0.00
7.800	-0.2	-1.8	46.85	L	0.00	36.04	0.00
7.900	-1.6	-18.7	-50.27	R	0.00	-38.67	0.00
8.000	-3.4	-40.4	-63.28	L	0.00	-48.68	0.00
8.000	-3.4	-40.4	-63.28	L	0.00	-48.68	0.00
8.100	-1.6	-18.5	-50.15	L	0.00	-38.58	0.00
8.200	-0.1	-1.3	46.70	R	0.00	35.92	0.00
8.300	0.9	11.0	71.63	R	0.00	55.10	0.00
8.400	1.5	18.6	84.75	R	0.00	65.19	0.00
8.500	1.7	21.4	89.95	R	0.00	69.19	0.00
8.600	1.6	19.3	84.71	L	0.00	65.16	0.00
8.700	1.0	12.4	71.56	L	0.00	55.04	0.00
8.800	0.1	0.6	46.60	L	0.00	35.85	0.00
8.900	-1.2	-15.8	-49.77	R	0.00	-38.28	0.00
9.000	-3.0	-37.1	-63.34	R	0.00	-48.73	0.00
9.000	-3.0	-37.1	-63.34	R	0.00	-48.73	0.00
9.100	-1.3	-16.7	-50.37	L	0.00	-38.75	0.00
9.200	-0.1	-1.1	46.88	R	0.00	36.06	0.00
9.300	0.7	9.7	71.63	R	0.00	55.10	0.00
9.400	1.1	15.7	84.55	R	0.00	65.04	0.00
9.500	1.2	17.0	89.55	R	0.00	68.88	0.00
9.600	0.8	13.3	84.00	L	0.00	64.61	0.00
9.700	0.1	4.9	70.65	L	0.00	54.34	0.00
9.800	-1.1	-8.4	-47.60	R	0.00	-36.61	0.00
9.900	-2.6	-26.4	-55.68	R	0.00	-42.83	0.00
10.000	-4.5	-49.2	-66.69	L	0.00	-51.30	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
10.000	-4.5	-49.2	-66.69	L	0.00	-51.30	0.00
10.100	-2.0	-22.7	-53.42	L	0.00	-41.09	0.00
10.200	0.1	-1.0	51.57	R	0.00	39.67	0.00
10.300	1.7	16.0	82.37	R	0.00	63.36	0.00
10.400	2.9	28.2	100.82	R	0.00	77.55	0.00
10.500	3.6	35.6	113.45	L	0.00	87.27	0.00
10.600	3.8	38.0	115.76	L	0.00	89.04	0.00
10.700	3.5	35.7	108.81	L	0.00	83.70	0.00
10.800	2.8	28.6	90.56	L	0.00	69.66	0.00
10.900	1.6	16.7	54.79	L	0.00	42.14	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2
1.100	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
1.200	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.6	-424.6
1.300	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
1.400	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.0	-435.0
1.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
1.600	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.2
1.700	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
1.800	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.3
1.900	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
2.000	393.2C	343.3	-343.3	-393.2C	447.0	397.0	-289.5	-339.4
2.000	325.0C	284.1	-284.1	-325.0C	378.8	337.9	-230.3	-271.2
2.100	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
2.200	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
2.300	325.0C	284.1	-284.1	-325.0C	320.0	279.2	-289.0	-329.9
2.400	325.0C	284.1	-284.1	-325.0C	310.8	269.9	-298.3	-339.2
2.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
2.600	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
2.700	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
2.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
2.900	325.0C	284.1	-284.1	-325.0C	343.0	302.1	-266.1	-307.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0
3.100	325.0C	284.1	-284.1	-325.0C	342.0	301.1	-267.1	-308.0
3.200	325.0C	284.1	-284.1	-325.0C	324.2	283.3	-284.9	-325.8
3.300	325.0C	284.1	-284.1	-325.0C	311.5	270.7	-297.5	-338.4
3.400	325.0C	284.1	-284.1	-325.0C	304.1	263.2	-305.0	-345.9
3.500	325.0C	284.1	-284.1	-325.0C	301.8	260.9	-307.3	-348.2
3.600	325.0C	284.1	-284.1	-325.0C	304.8	263.9	-304.3	-345.2
3.700	325.0C	284.1	-284.1	-325.0C	313.0	272.1	-296.1	-337.0
3.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
3.900	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3
4.100	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
4.200	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
4.300	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.3	-336.1
4.400	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
4.500	328.2C	274.8	-282.2	-328.2C	306.3	253.0	-304.1	-350.0
4.600	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
4.700	325.0C	284.1	-284.1	-325.0C	313.4	272.6	-295.6	-336.5
4.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
4.900	325.0C	284.1	-284.1	-325.0C	344.5	303.6	-264.6	-305.5
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
5.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
5.300	325.0C	284.1	-284.1	-325.0C	313.2	272.4	-295.8	-336.7
5.400	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.5
5.500	328.2C	274.8	-282.2	-328.2C	306.0	252.6	-304.4	-350.4
5.600	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
5.700	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
5.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
5.900	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.100	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3
6.200	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
6.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
6.400	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
6.500	325.0C	284.1	-284.1	-325.0C	302.8	261.9	-306.3	-347.2
6.600	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.6
6.700	325.0C	284.1	-284.1	-325.0C	313.2	272.3	-295.9	-336.8
6.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
6.900	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
7.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.200	325.0C	284.1	-284.1	-325.0C	326.3	285.5	-282.8	-323.6
7.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
7.400	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
7.500	325.0C	284.1	-284.1	-325.0C	303.1	262.2	-306.0	-346.9
7.600	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
7.700	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.2	-336.1
7.800	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
7.900	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.100	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
8.200	325.0C	284.1	-284.1	-325.0C	326.5	285.6	-282.6	-323.5
8.300	325.0C	284.1	-284.1	-325.0C	313.1	272.2	-296.0	-336.9
8.400	325.0C	274.8	-282.2	-325.0C	304.9	254.7	-302.3	-345.1
8.500	328.2C	274.8	-282.2	-328.2C	305.0	251.7	-305.4	-351.3
8.600	325.0C	274.8	-282.2	-325.0C	304.1	254.0	-303.1	-345.9
8.700	325.0C	284.1	-284.1	-325.0C	311.6	270.7	-297.5	-338.4
8.800	325.0C	284.1	-284.1	-325.0C	324.2	283.4	-284.8	-325.7
8.900	325.0C	284.1	-284.1	-325.0C	342.1	301.2	-267.0	-307.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9
9.100	325.0C	284.1	-284.1	-325.0C	343.1	302.2	-266.0	-306.9
9.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
9.300	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
9.400	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
9.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
9.600	325.0C	284.1	-284.1	-325.0C	310.8	270.0	-298.3	-339.1
9.700	325.0C	284.1	-284.1	-325.0C	320.1	279.2	-289.0	-329.9
9.800	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
9.900	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
10.000	325.0C	284.1	-284.1	-325.0C	378.7	337.9	-230.3	-271.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	393.2C	284.1	-284.1	-393.2C	447.0	337.9	-230.3	-339.5
10.100	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
10.200	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.4
10.300	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
10.400	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.3
10.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
10.600	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.1	-435.0
10.700	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
10.800	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.7	-424.6
10.900	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
11.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	6.84	60.93	5.93	69.34	0.00	136.4
1.200	4.00	31.56	3.44	35.77	0.00	79.2
1.300	3.25	21.48	2.79	24.29	0.00	64.3
1.400	3.04	16.22	2.60	18.32	0.00	59.9
1.500	3.12	12.89	2.68	14.57	0.00	61.7
1.600	3.59	10.51	3.10	11.91	0.00	71.2
1.700	4.56	8.69	3.95	9.89	0.00	90.9
1.800	7.64	7.21	6.67	8.26	0.00	153.5
1.900	29.20	5.96	25.71	6.90	0.00	137.2
2.000	28.11	4.34	24.97	5.09	0.00	99.8
2.000	23.82	3.45	21.25	4.07	0.00	79.4
2.100	39.08	4.58	34.56	5.32	0.00	105.4
2.200	7.36	5.77	6.46	6.63	0.00	132.7
2.300	4.53	7.32	3.95	8.35	0.00	90.9
2.400	3.70	9.49	3.21	10.79	0.00	73.9
2.500	3.43	12.95	2.97	14.70	0.00	68.3
2.600	3.64	10.67	3.16	12.12	0.00	72.7
2.700	4.39	8.28	3.82	9.43	0.00	87.9
2.800	6.96	6.59	6.09	7.55	0.00	140.1
2.900	25.45	5.29	22.42	6.11	0.00	121.8
3.000	21.36	3.86	18.97	4.51	0.00	88.7
3.000	21.36	3.86	18.97	4.51	0.00	88.7
3.100	22.92	5.36	20.18	6.18	0.00	123.3
3.200	6.94	6.69	6.06	7.65	0.00	139.5
3.300	4.34	8.42	3.77	9.58	0.00	86.8
3.400	3.58	10.85	3.10	12.31	0.00	71.3
3.500	3.35	14.61	2.89	16.55	0.00	66.6
3.600	3.59	10.74	3.11	12.18	0.00	71.5
3.700	4.36	8.31	3.79	9.46	0.00	87.2
3.800	6.97	6.58	6.10	7.54	0.00	140.2
3.900	25.61	5.26	22.58	6.07	0.00	120.9
4.000	23.90	3.80	21.25	4.45	0.00	87.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	23.90	3.80	21.25	4.45	0.00	87.4
4.100	25.88	5.26	22.81	6.08	0.00	121.0
4.200	6.99	6.58	6.12	7.54	0.00	140.7
4.300	4.38	8.30	3.81	9.45	0.00	87.5
4.400	3.60	10.72	3.12	12.16	0.00	71.8
4.500	3.40	14.45	2.81	16.64	0.00	64.6
4.600	3.60	10.71	3.12	12.15	0.00	71.8
4.700	4.37	8.30	3.80	9.45	0.00	87.4
4.800	6.97	6.59	6.10	7.54	0.00	140.3
4.900	25.60	5.27	22.56	6.09	0.00	121.2
5.000	23.86	3.82	21.21	4.46	0.00	87.8
5.000	23.86	3.82	21.21	4.46	0.00	87.8
5.100	25.61	5.27	22.57	6.09	0.00	121.3
5.200	6.97	6.59	6.10	7.54	0.00	140.3
5.300	4.37	8.31	3.80	9.45	0.00	87.3
5.400	3.60	10.72	3.12	12.16	0.00	71.7
5.500	3.40	14.47	2.80	16.65	0.00	64.5
5.600	3.60	10.72	3.12	12.17	0.00	71.7
5.700	4.37	8.31	3.80	9.46	0.00	87.4
5.800	6.98	6.59	6.10	7.55	0.00	140.4
5.900	25.64	5.27	22.59	6.09	0.00	121.2
6.000	23.86	3.81	21.21	4.46	0.00	87.7
6.000	23.86	3.81	21.21	4.46	0.00	87.7
6.100	25.59	5.26	22.55	6.08	0.00	121.1
6.200	6.97	6.58	6.10	7.54	0.00	140.2
6.300	4.36	8.30	3.80	9.44	0.00	87.3
6.400	3.60	10.71	3.12	12.15	0.00	71.7
6.500	3.36	14.55	2.90	16.49	0.00	66.8
6.600	3.60	10.72	3.12	12.16	0.00	71.6
6.700	4.36	8.31	3.79	9.46	0.00	87.2
6.800	6.97	6.59	6.09	7.55	0.00	140.1
6.900	25.56	5.28	22.53	6.09	0.00	121.3
7.000	23.83	3.82	21.18	4.47	0.00	87.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	23.83	3.82	21.18	4.47	0.00	87.8
7.100	25.59	5.27	22.56	6.09	0.00	121.3
7.200	6.97	6.59	6.10	7.54	0.00	140.2
7.300	4.37	8.30	3.80	9.45	0.00	87.3
7.400	3.60	10.71	3.12	12.15	0.00	71.7
7.500	3.36	14.52	2.91	16.46	0.00	66.9
7.600	3.60	10.69	3.12	12.13	0.00	71.8
7.700	4.37	8.28	3.80	9.42	0.00	87.4
7.800	6.98	6.57	6.11	7.52	0.00	140.5
7.900	25.81	5.25	22.75	6.06	0.00	120.7
8.000	23.96	3.80	21.30	4.44	0.00	87.4
8.000	23.96	3.80	21.30	4.44	0.00	87.4
8.100	25.67	5.27	22.63	6.08	0.00	121.1
8.200	6.99	6.59	6.11	7.55	0.00	140.6
8.300	4.37	8.32	3.80	9.47	0.00	87.4
8.400	3.60	10.69	3.01	12.21	0.00	69.1
8.500	3.39	14.55	2.80	16.75	0.00	64.3
8.600	3.59	10.80	3.00	12.32	0.00	69.0
8.700	4.36	8.43	3.78	9.59	0.00	87.0
8.800	6.96	6.70	6.08	7.66	0.00	139.9
8.900	22.94	5.37	20.20	6.19	0.00	123.4
9.000	21.38	3.85	18.99	4.50	0.00	88.6
9.000	21.38	3.85	18.99	4.50	0.00	88.6
9.100	25.41	5.28	22.38	6.09	0.00	121.5
9.200	6.96	6.58	6.09	7.53	0.00	140.0
9.300	4.39	8.26	3.82	9.41	0.00	87.9
9.400	3.64	10.65	3.16	12.09	0.00	72.7
9.500	3.43	12.95	2.97	14.70	0.00	68.3
9.600	3.70	9.49	3.21	10.79	0.00	73.9
9.700	4.53	7.32	3.95	8.35	0.00	90.9
9.800	7.36	5.77	6.46	6.63	0.00	132.7
9.900	39.10	4.58	34.58	5.32	0.00	105.4
10.000	23.76	3.45	21.20	4.07	0.00	79.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	28.04	3.45	21.20	5.09	0.00	79.4
10.100	29.13	5.96	25.65	6.90	0.00	137.2
10.200	7.64	7.21	6.67	8.26	0.00	153.5
10.300	4.56	8.69	3.95	9.89	0.00	90.9
10.400	3.59	10.51	3.10	11.91	0.00	71.2
10.500	3.12	12.88	2.68	14.57	0.00	61.7
10.600	3.04	16.22	2.60	18.32	0.00	59.9
10.700	3.25	21.48	2.79	24.28	0.00	64.3
10.800	3.99	31.56	3.44	35.77	0.00	79.2
10.900	6.84	60.92	5.93	69.33	0.00	136.4
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	25.87	0.00	19.90	0.00
1.100	0.6	5.7	21.91	0.00	16.86	0.00
1.200	0.4	3.8	18.11	0.00	13.93	0.00
1.300	0.2	1.9	14.51	0.00	11.16	0.00
1.400	0.0	-0.1	11.16	0.00	8.58	0.00
1.500	-0.2	-2.0	-12.67	0.00	-9.74	0.00
1.600	-0.4	-3.9	-15.82	0.00	-12.17	0.00
1.700	-0.6	-5.8	-19.45	0.00	-14.96	0.00
1.800	-0.7	-7.7	-22.83	0.00	-17.56	0.00
1.900	-0.9	-9.6	-25.92	0.00	-19.94	0.00
2.000	-1.1	-11.6	-28.66	0.00	-22.04	0.00
2.000	0.9	-11.6	27.67	0.00	21.29	0.00
2.100	0.7	8.2	24.34	0.00	18.73	0.00
2.200	0.5	6.3	20.86	0.00	16.04	0.00
2.300	0.4	4.3	17.21	0.00	13.24	0.00
2.400	0.2	2.4	13.57	0.00	10.44	0.00
2.500	0.1	0.5	10.07	0.00	7.75	0.00
2.600	-0.1	-1.5	-13.40	0.00	-10.31	0.00
2.700	-0.3	-3.4	-17.04	0.00	-13.10	0.00
2.800	-0.4	-5.3	-20.69	0.00	-15.91	0.00
2.900	-0.6	-7.2	-24.20	0.00	-18.61	0.00
3.000	-0.7	-9.1	-27.42	0.00	-21.10	0.00
3.000	0.8	9.5	27.47	0.00	21.13	0.00
3.100	0.6	7.6	24.27	0.00	18.67	0.00
3.200	0.5	5.6	20.77	0.00	15.98	0.00
3.300	0.3	3.7	17.13	0.00	13.18	0.00
3.400	0.1	1.8	13.49	0.00	10.38	0.00
3.500	0.0	-0.1	10.01	0.00	7.70	0.00
3.600	-0.2	-2.1	-13.48	0.00	-10.37	0.00
3.700	-0.3	-4.0	-17.11	0.00	-13.16	0.00
3.800	-0.5	-5.9	-20.76	0.00	-15.97	0.00
3.900	-0.6	-7.8	-24.26	0.00	-18.66	0.00
4.000	-0.8	-9.7	-27.46	0.00	-21.13	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	27.47	0.00	21.13	0.00
4.100	0.6	7.7	24.26	0.00	18.66	0.00
4.200	0.5	5.8	20.76	0.00	15.97	0.00
4.300	0.3	3.9	17.12	0.00	13.17	0.00
4.400	0.2	2.0	13.49	0.00	10.38	0.00
4.500	0.0	0.1	10.01	0.00	7.70	0.00
4.600	-0.2	-1.9	-13.49	0.00	-10.37	0.00
4.700	-0.3	-3.8	-17.12	0.00	-13.17	0.00
4.800	-0.5	-5.7	-20.76	0.00	-15.97	0.00
4.900	-0.6	-7.7	-24.26	0.00	-18.66	0.00
5.000	-0.8	-9.6	-27.47	0.00	-21.13	0.00
5.000	0.8	9.6	27.47	0.00	21.13	0.00
5.100	0.6	7.7	24.26	0.00	18.66	0.00
5.200	0.5	5.8	20.76	0.00	15.97	0.00
5.300	0.3	3.8	17.12	0.00	13.17	0.00
5.400	0.2	1.9	13.49	0.00	10.37	0.00
5.500	0.0	0.0	-10.01	0.00	7.70	0.00
5.600	-0.2	-2.0	-13.49	0.00	-10.37	0.00
5.700	-0.3	-3.9	-17.12	0.00	-13.17	0.00
5.800	-0.5	-5.8	-20.76	0.00	-15.97	0.00
5.900	-0.6	-7.7	-24.26	0.00	-18.66	0.00
6.000	-0.8	-9.6	-27.47	0.00	-21.13	0.00
6.000	0.8	9.6	27.47	0.00	21.13	0.00
6.100	0.6	7.7	24.26	0.00	18.66	0.00
6.200	0.5	5.8	20.76	0.00	15.97	0.00
6.300	0.3	3.9	17.12	0.00	13.17	0.00
6.400	0.2	2.0	13.49	0.00	10.37	0.00
6.500	0.0	0.1	-10.01	0.00	7.70	0.00
6.600	-0.2	-1.9	-13.49	0.00	-10.37	0.00
6.700	-0.3	-3.8	-17.12	0.00	-13.17	0.00
6.800	-0.5	-5.8	-20.76	0.00	-15.97	0.00
6.900	-0.6	-7.7	-24.26	0.00	-18.66	0.00
7.000	-0.8	-9.6	-27.47	0.00	-21.13	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	27.47	0.00	21.13	0.00
7.100	0.6	7.6	24.26	0.00	18.66	0.00
7.200	0.5	5.7	20.76	0.00	15.97	0.00
7.300	0.3	3.8	17.12	0.00	13.17	0.00
7.400	0.2	1.9	13.49	0.00	10.38	0.00
7.500	0.0	0.0	10.01	0.00	7.70	0.00
7.600	-0.2	-2.0	-13.49	0.00	-10.37	0.00
7.700	-0.3	-3.9	-17.12	0.00	-13.17	0.00
7.800	-0.5	-5.8	-20.76	0.00	-15.97	0.00
7.900	-0.6	-7.7	-24.26	0.00	-18.66	0.00
8.000	-0.8	-9.6	-27.47	0.00	-21.13	0.00
8.000	0.8	9.7	27.46	0.00	21.13	0.00
8.100	0.6	7.8	24.26	0.00	18.66	0.00
8.200	0.5	5.9	20.76	0.00	15.97	0.00
8.300	0.3	4.0	17.11	0.00	13.16	0.00
8.400	0.2	2.1	13.48	0.00	10.37	0.00
8.500	0.0	0.2	-10.01	0.00	-7.70	0.00
8.600	-0.1	-1.8	-13.49	0.00	-10.38	0.00
8.700	-0.3	-3.7	-17.13	0.00	-13.17	0.00
8.800	-0.5	-5.6	-20.77	0.00	-15.98	0.00
8.900	-0.6	-7.6	-24.27	0.00	-18.67	0.00
9.000	-0.8	-9.5	-27.47	0.00	-21.13	0.00
9.000	0.7	-9.5	27.42	0.00	21.09	0.00
9.100	0.6	7.2	24.20	0.00	18.61	0.00
9.200	0.4	5.3	20.68	0.00	15.91	0.00
9.300	0.3	3.4	17.03	0.00	13.10	0.00
9.400	0.1	1.5	13.40	0.00	10.31	0.00
9.500	-0.1	-0.5	-10.08	0.00	-7.75	0.00
9.600	-0.2	-2.4	-13.57	0.00	-10.44	0.00
9.700	-0.4	-4.3	-17.22	0.00	-13.24	0.00
9.800	-0.5	-6.2	-20.86	0.00	-16.04	0.00
9.900	-0.7	-8.2	-24.35	0.00	-18.73	0.00
10.000	-0.9	-10.1	-27.53	0.00	-21.17	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	28.66	0.00	22.04	0.00
10.100	0.9	9.6	25.92	0.00	19.94	0.00
10.200	0.7	7.7	22.83	0.00	17.56	0.00
10.300	0.6	5.8	19.45	0.00	14.96	0.00
10.400	0.4	3.9	15.82	0.00	12.17	0.00
10.500	0.2	2.0	12.67	0.00	9.74	0.00
10.600	0.0	0.1	-11.16	0.00	-8.58	0.00
10.700	-0.2	-1.9	-14.51	0.00	-11.16	0.00
10.800	-0.4	-3.8	-18.11	0.00	-13.93	0.00
10.900	-0.6	-5.7	-21.91	0.00	-16.86	0.00
11.000	-0.8	-7.6	-25.87	0.00	-19.90	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	184.6	-150.4	133.6
1.100	184.6	-148.3	135.7
1.200	184.6	-146.2	137.8
1.300	184.6	-144.1	139.9
1.400	184.6	-142.0	142.0
1.500	184.6	-139.9	144.1
1.600	184.6	-137.7	146.3
1.700	184.6	-135.6	148.4
1.800	184.6	-133.5	150.5
1.900	184.6	-131.4	152.6
2.000	184.6	-129.3	154.7
2.000	160.8	-129.3	112.7
2.100	160.8	-132.5	114.8
2.200	160.8	-130.5	116.9
2.300	160.8	-128.4	119.0
2.400	160.8	-126.3	121.0
2.500	160.8	-124.3	123.1
2.600	160.8	-122.1	125.2
2.700	160.8	-120.0	127.3
2.800	160.8	-118.0	129.4
2.900	160.8	-115.9	131.4
3.000	160.8	-113.8	124.4
3.000	160.8	-113.8	113.4
3.100	160.8	-131.8	115.5
3.200	160.8	-129.8	117.6
3.300	160.8	-127.7	119.6
3.400	160.8	-125.6	121.7
3.500	160.8	-123.6	123.8
3.600	160.8	-121.4	125.9
3.700	160.8	-119.4	128.0
3.800	160.8	-117.3	130.1
3.900	160.8	-115.2	132.1
4.000	160.8	-113.1	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	160.8	-113.1	113.3
4.100	160.8	-132.0	115.3
4.200	160.8	-130.0	117.4
4.300	160.8	-127.9	119.5
4.400	160.8	-125.8	121.5
4.500	160.8	-123.7	123.6
4.600	160.8	-121.6	125.7
4.700	160.8	-119.5	127.8
4.800	160.8	-117.5	129.9
4.900	160.8	-115.4	131.9
5.000	160.8	-113.3	124.5
5.000	160.8	-113.3	113.3
5.100	160.8	-132.0	115.4
5.200	160.8	-129.9	117.4
5.300	160.8	-127.8	119.5
5.400	160.8	-125.8	121.6
5.500	160.8	-123.7	123.7
5.600	160.8	-121.6	125.8
5.700	160.8	-119.5	127.9
5.800	160.8	-117.4	129.9
5.900	160.8	-115.3	132.0
6.000	160.8	-113.3	124.5
6.000	160.8	-113.3	113.3
6.100	160.8	-132.0	115.3
6.200	160.8	-129.9	117.4
6.300	160.8	-127.9	119.5
6.400	160.8	-125.8	121.6
6.500	160.8	-123.7	123.6
6.600	160.8	-121.6	125.8
6.700	160.8	-119.5	127.8
6.800	160.8	-117.4	129.9
6.900	160.8	-115.4	132.0
7.000	160.8	-113.3	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	160.8	-113.3	113.3
7.100	160.8	-131.9	115.4
7.200	160.8	-129.9	117.5
7.300	160.8	-127.8	119.5
7.400	160.8	-125.7	121.6
7.500	160.8	-123.7	123.7
7.600	160.8	-121.5	125.8
7.700	160.8	-119.5	127.9
7.800	160.8	-117.4	130.0
7.900	160.8	-115.3	132.0
8.000	160.8	-113.2	124.5
8.000	160.8	-113.2	113.1
8.100	160.8	-132.1	115.2
8.200	160.8	-130.1	117.3
8.300	160.8	-128.0	119.4
8.400	160.8	-125.9	121.4
8.500	160.8	-123.9	123.5
8.600	160.8	-121.7	125.6
8.700	160.8	-119.7	127.7
8.800	160.8	-117.6	129.8
8.900	160.8	-115.5	131.8
9.000	160.8	-113.4	124.4
9.000	160.8	-113.4	113.8
9.100	160.8	-131.4	115.9
9.200	160.8	-129.4	118.0
9.300	160.8	-127.3	120.0
9.400	160.8	-125.2	122.1
9.500	160.8	-123.2	124.2
9.600	160.8	-121.0	126.3
9.700	160.8	-119.0	128.4
9.800	160.8	-116.9	130.5
9.900	160.8	-114.8	132.5
10.000	160.8	-112.7	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	184.6	-112.7	129.3
10.100	184.6	-152.6	131.4
10.200	184.6	-150.5	133.5
10.300	184.6	-148.4	135.6
10.400	184.6	-146.3	137.7
10.500	184.6	-144.2	139.8
10.600	184.6	-142.0	142.0
10.700	184.6	-139.9	144.1
10.800	184.6	-137.8	146.2
10.900	184.6	-135.7	148.3
11.000	184.6	-133.6	142.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	63.35	5.17	0.00	118.8
1.100	62.47	6.19	0.00	142.5
1.200	39.10	7.61	0.00	175.1
1.300	21.17	9.65	0.00	221.8
1.400	14.50	12.73	0.00	292.8
1.500	11.05	17.77	0.00	254.1
1.600	8.70	27.01	0.00	200.2
1.700	6.97	47.91	0.00	160.4
1.800	5.85	128.40	0.00	134.5
1.900	5.07	239.89	0.00	116.7
2.000	4.51	243.19	0.00	103.8
2.000	4.51	4.07	0.00	93.7
2.100	45.07	4.72	0.00	108.5
2.200	44.37	5.60	0.00	128.9
2.300	33.60	6.91	0.00	158.9
2.400	18.86	8.92	0.00	205.1
2.500	12.52	12.22	0.00	281.0
2.600	9.11	18.31	0.00	209.6
2.700	7.05	32.16	0.00	162.1
2.800	5.70	40.00	0.00	131.2
2.900	4.79	40.64	0.00	110.2
3.000	4.15	38.46	0.00	95.5
3.000	4.15	4.13	0.00	95.0
3.100	45.17	4.76	0.00	109.5
3.200	44.46	5.66	0.00	130.2
3.300	32.53	6.99	0.00	160.7
3.400	18.52	9.02	0.00	207.5
3.500	12.36	12.37	0.00	284.2
3.600	9.01	18.54	0.00	207.2
3.700	6.97	32.57	0.00	160.4
3.800	5.65	44.96	0.00	130.0
3.900	4.75	45.68	0.00	109.2
4.000	4.12	43.03	0.00	94.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	4.12	4.12	0.00	94.8
4.100	45.26	4.75	0.00	109.3
4.200	44.55	5.65	0.00	130.0
4.300	32.57	6.98	0.00	160.5
4.400	18.54	9.01	0.00	207.2
4.500	12.37	12.35	0.00	284.1
4.600	9.02	18.52	0.00	207.4
4.700	6.98	32.54	0.00	160.6
4.800	5.66	44.58	0.00	130.1
4.900	4.76	45.30	0.00	109.4
5.000	4.13	42.72	0.00	94.9
5.000	4.13	4.12	0.00	94.9
5.100	45.28	4.76	0.00	109.4
5.200	44.57	5.66	0.00	130.1
5.300	32.55	6.98	0.00	160.6
5.400	18.53	9.02	0.00	207.4
5.500	12.36	12.36	0.00	284.3
5.600	9.01	18.53	0.00	207.3
5.700	6.98	32.56	0.00	160.5
5.800	5.66	44.54	0.00	130.1
5.900	4.75	45.25	0.00	109.4
6.000	4.12	42.67	0.00	94.9
6.000	4.12	4.12	0.00	94.9
6.100	45.28	4.76	0.00	109.4
6.200	44.57	5.66	0.00	130.1
6.300	32.56	6.98	0.00	160.5
6.400	18.53	9.01	0.00	207.3
6.500	12.37	12.36	0.00	284.2
6.600	9.02	18.53	0.00	207.3
6.700	6.98	32.55	0.00	160.6
6.800	5.66	44.53	0.00	130.1
6.900	4.76	45.24	0.00	109.4
7.000	4.12	42.67	0.00	94.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	4.12	4.13	0.00	94.9
7.100	45.19	4.76	0.00	109.4
7.200	44.48	5.66	0.00	130.1
7.300	32.55	6.98	0.00	160.6
7.400	18.52	9.02	0.00	207.4
7.500	12.36	12.36	0.00	284.3
7.600	9.01	18.53	0.00	207.3
7.700	6.98	32.57	0.00	160.5
7.800	5.66	44.59	0.00	130.1
7.900	4.75	45.30	0.00	109.3
8.000	4.12	42.71	0.00	94.8
8.000	4.12	4.12	0.00	94.8
8.100	45.68	4.75	0.00	109.2
8.200	44.96	5.65	0.00	130.0
8.300	32.57	6.97	0.00	160.4
8.400	18.54	9.01	0.00	207.2
8.500	12.37	12.35	0.00	284.1
8.600	9.02	18.52	0.00	207.5
8.700	6.99	32.52	0.00	160.7
8.800	5.66	44.49	0.00	130.2
8.900	4.76	45.20	0.00	109.5
9.000	4.13	42.67	0.00	95.0
9.000	4.13	4.15	0.00	95.0
9.100	40.65	4.79	0.00	110.2
9.200	40.01	5.70	0.00	131.2
9.300	32.16	7.05	0.00	162.1
9.400	18.31	9.11	0.00	209.6
9.500	12.22	12.52	0.00	281.1
9.600	8.92	18.86	0.00	205.1
9.700	6.91	33.61	0.00	158.9
9.800	5.60	44.27	0.00	128.9
9.900	4.72	44.97	0.00	108.5
10.000	4.10	42.25	0.00	94.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	4.10	4.51	0.00	94.2
10.100	239.34	5.07	0.00	116.7
10.200	128.40	5.85	0.00	134.5
10.300	47.91	6.97	0.00	160.4
10.400	27.01	8.70	0.00	200.2
10.500	17.78	11.04	0.00	253.9
10.600	12.73	14.50	0.00	292.8
10.700	9.65	21.17	0.00	221.8
10.800	7.61	39.10	0.00	175.0
10.900	6.19	62.46	0.00	142.5
11.000	5.17	999.00	0.00	118.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0
1.100	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
1.200	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
1.300	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
1.400	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
1.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
1.600	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
1.700	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
1.800	357.0	357.0	-357.0	-357.0	357.9	357.9	-356.1	-356.1
1.900	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
2.000	357.0	357.0	-357.0	-357.0	410.7	410.7	-303.2	-303.2
2.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
2.100	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.4	-266.5
2.200	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
2.300	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
2.400	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
2.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
2.600	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
2.700	295.5	295.5	-295.5	-295.5	285.0	285.0	-305.9	-305.9
2.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.3
2.900	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4

3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.100	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4
3.200	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.3	-296.3
3.300	295.5	295.5	-295.5	-295.5	282.0	282.0	-308.9	-308.9
3.400	295.5	295.5	-295.5	-295.5	274.5	274.6	-316.4	-316.4
3.500	295.5	295.5	-295.5	-295.5	272.2	272.3	-318.7	-318.7
3.600	295.5	295.5	-295.5	-295.5	275.3	275.3	-315.6	-315.7
3.700	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
3.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
3.900	295.5	295.5	-295.5	-295.5	315.4	315.5	-275.5	-275.5
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
4.100	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
4.200	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
4.300	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
4.400	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
4.500	293.5	285.8	-293.5	-285.8	271.6	264.0	-315.4	-307.7
4.600	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
4.700	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
4.800	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
4.900	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.1	-276.1
5.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
5.300	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
5.400	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.0
5.500	293.5	285.8	-293.5	-285.8	271.3	263.6	-315.7	-308.0
5.600	295.5	295.5	-295.5	-295.5	276.0	276.0	-315.0	-315.0
5.700	295.5	295.5	-295.5	-295.5	283.8	283.9	-307.1	-307.1
5.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
5.900	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8

6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.100	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8
6.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
6.300	295.5	295.5	-295.5	-295.5	283.8	283.8	-307.1	-307.1
6.400	295.5	295.5	-295.5	-295.5	275.9	276.0	-315.0	-315.0
6.500	295.5	295.5	-295.5	-295.5	273.2	273.3	-317.7	-317.7
6.600	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.1
6.700	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
6.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.3	-294.3
6.900	295.5	295.5	-295.5	-295.5	314.8	314.8	-276.1	-276.1
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8
7.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
7.200	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
7.300	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
7.400	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
7.500	295.5	295.5	-295.5	-295.5	273.6	273.6	-317.3	-317.3
7.600	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
7.700	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
7.800	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
7.900	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.100	295.5	295.5	-295.5	-295.5	315.5	315.5	-275.4	-275.5
8.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
8.300	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
8.400	293.5	285.8	-293.5	-285.8	273.4	265.7	-313.6	-305.9
8.500	293.5	285.8	-293.5	-285.8	270.3	262.6	-316.7	-309.0
8.600	293.5	285.8	-293.5	-285.8	272.6	264.9	-314.4	-306.7
8.700	295.5	295.5	-295.5	-295.5	282.1	282.1	-308.9	-308.9
8.800	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.2	-296.2
8.900	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4

9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.100	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4
9.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
9.300	295.5	295.5	-295.5	-295.5	285.1	285.1	-305.9	-305.9
9.400	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
9.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
9.600	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
9.700	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
9.800	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
9.900	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.5	-266.5
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
10.100	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
10.200	357.0	357.0	-357.0	-357.0	357.8	357.8	-356.1	-356.1
10.300	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
10.400	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
10.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
10.600	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
10.700	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
10.800	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
10.900	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
11.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	6.18	63.24	6.18	63.24	0.00	142.2
1.200	3.60	32.72	3.60	32.72	0.00	82.7
1.300	2.92	22.25	2.92	22.25	0.00	67.2
1.400	2.72	16.80	2.72	16.80	0.00	62.6
1.500	2.80	13.35	2.80	13.35	0.00	64.4
1.600	3.23	10.90	3.23	10.90	0.00	74.4
1.700	4.12	9.02	4.12	9.02	0.00	94.7
1.800	6.94	7.50	6.94	7.50	0.00	159.6
1.900	26.67	6.22	26.67	6.22	0.00	143.1
2.000	25.83	4.55	25.83	4.55	0.00	104.6
2.000	21.96	3.62	21.96	3.62	0.00	83.4
2.100	35.82	4.78	35.82	4.78	0.00	110.1
2.200	6.71	6.01	6.71	6.01	0.00	138.2
2.300	4.11	7.60	4.11	7.60	0.00	94.6
2.400	3.35	9.85	3.35	9.85	0.00	77.0
2.500	3.10	13.44	3.10	13.44	0.00	71.2
2.600	3.30	11.08	3.30	11.08	0.00	75.8
2.700	3.98	8.60	3.98	8.60	0.00	91.6
2.800	6.33	6.86	6.33	6.86	0.00	145.7
2.900	23.26	5.52	23.26	5.52	0.00	127.0
3.000	19.64	4.04	19.64	4.04	0.00	92.9
3.000	19.64	4.04	19.64	4.04	0.00	92.9
3.100	20.94	5.59	20.94	5.59	0.00	128.6
3.200	6.31	6.96	6.31	6.96	0.00	145.1
3.300	3.93	8.74	3.93	8.74	0.00	90.5
3.400	3.24	11.26	3.24	11.26	0.00	74.4
3.500	3.02	15.15	3.02	15.15	0.00	69.5
3.600	3.24	11.14	3.24	11.14	0.00	74.6
3.700	3.95	8.63	3.95	8.63	0.00	90.8
3.800	6.34	6.85	6.34	6.85	0.00	145.8
3.900	23.42	5.48	23.42	5.48	0.00	126.1
4.000	21.99	3.98	21.99	3.98	0.00	91.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	21.99	3.98	21.99	3.98	0.00	91.6
4.100	23.66	5.49	23.66	5.49	0.00	126.2
4.200	6.36	6.85	6.36	6.85	0.00	146.2
4.300	3.96	8.62	3.96	8.62	0.00	91.2
4.400	3.26	11.12	3.26	11.12	0.00	74.9
4.500	3.02	14.99	2.93	14.62	0.00	67.4
4.600	3.25	11.11	3.25	11.11	0.00	74.8
4.700	3.96	8.62	3.96	8.62	0.00	91.0
4.800	6.34	6.85	6.34	6.85	0.00	145.9
4.900	23.41	5.50	23.41	5.50	0.00	126.4
5.000	21.95	4.00	21.95	4.00	0.00	91.9
5.000	21.95	4.00	21.95	4.00	0.00	91.9
5.100	23.41	5.50	23.42	5.50	0.00	126.5
5.200	6.34	6.86	6.34	6.86	0.00	145.8
5.300	3.95	8.62	3.95	8.62	0.00	91.0
5.400	3.25	11.12	3.25	11.12	0.00	74.8
5.500	3.01	15.01	2.93	14.64	0.00	67.3
5.600	3.25	11.12	3.25	11.13	0.00	74.8
5.700	3.96	8.63	3.96	8.63	0.00	91.0
5.800	6.35	6.86	6.35	6.86	0.00	146.0
5.900	23.44	5.50	23.44	5.50	0.00	126.4
6.000	21.95	3.99	21.95	3.99	0.00	91.8
6.000	21.95	3.99	21.95	3.99	0.00	91.8
6.100	23.40	5.49	23.40	5.49	0.00	126.3
6.200	6.34	6.85	6.34	6.85	0.00	145.8
6.300	3.95	8.62	3.95	8.62	0.00	90.9
6.400	3.25	11.11	3.25	11.11	0.00	74.7
6.500	3.03	15.09	3.03	15.09	0.00	69.7
6.600	3.25	11.12	3.25	11.12	0.00	74.7
6.700	3.95	8.63	3.95	8.63	0.00	90.9
6.800	6.34	6.86	6.34	6.86	0.00	145.7
6.900	23.37	5.50	23.37	5.50	0.00	126.5
7.000	21.92	4.00	21.92	4.00	0.00	92.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	21.92	4.00	21.92	4.00	0.00	92.0
7.100	23.40	5.50	23.40	5.50	0.00	126.5
7.200	6.34	6.86	6.34	6.86	0.00	145.8
7.300	3.95	8.62	3.95	8.62	0.00	90.9
7.400	3.25	11.11	3.25	11.11	0.00	74.8
7.500	3.03	15.06	3.03	15.06	0.00	69.8
7.600	3.25	11.09	3.25	11.09	0.00	74.8
7.700	3.96	8.60	3.96	8.60	0.00	91.1
7.800	6.35	6.83	6.35	6.83	0.00	146.0
7.900	23.60	5.47	23.60	5.47	0.00	125.9
8.000	22.04	3.98	22.04	3.98	0.00	91.5
8.000	22.04	3.98	22.04	3.98	0.00	91.5
8.100	23.48	5.49	23.48	5.49	0.00	126.3
8.200	6.36	6.86	6.36	6.86	0.00	146.2
8.300	3.96	8.64	3.96	8.64	0.00	91.0
8.400	3.23	11.09	3.13	10.82	0.00	72.1
8.500	3.01	15.09	2.92	14.73	0.00	67.2
8.600	3.22	11.20	3.13	10.93	0.00	71.9
8.700	3.94	8.75	3.94	8.75	0.00	90.7
8.800	6.32	6.96	6.32	6.96	0.00	145.5
8.900	20.96	5.59	20.96	5.59	0.00	128.7
9.000	19.65	4.03	19.65	4.03	0.00	92.7
9.000	19.65	4.03	19.65	4.03	0.00	92.7
9.100	23.22	5.51	23.23	5.51	0.00	126.7
9.200	6.33	6.84	6.33	6.84	0.00	145.6
9.300	3.98	8.58	3.98	8.58	0.00	91.5
9.400	3.30	11.05	3.30	11.05	0.00	75.8
9.500	3.10	13.44	3.10	13.44	0.00	71.2
9.600	3.35	9.85	3.35	9.85	0.00	77.0
9.700	4.11	7.60	4.11	7.60	0.00	94.6
9.800	6.71	6.01	6.71	6.01	0.00	138.2
9.900	35.83	4.78	35.84	4.78	0.00	110.1
10.000	21.91	3.62	21.91	3.62	0.00	83.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	21.91	3.62	21.91	3.62	0.00	83.4
10.100	26.60	6.22	26.60	6.22	0.00	143.1
10.200	6.94	7.50	6.94	7.50	0.00	159.6
10.300	4.12	9.02	4.12	9.02	0.00	94.7
10.400	3.23	10.90	3.23	10.90	0.00	74.4
10.500	2.80	13.35	2.80	13.35	0.00	64.4
10.600	2.72	16.80	2.72	16.80	0.00	62.6
10.700	2.92	22.25	2.92	22.25	0.00	67.2
10.800	3.60	32.72	3.60	32.72	0.00	82.7
10.900	6.18	63.23	6.18	63.23	0.00	142.2
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	56.02	R	0.00	43.09	0.00
1.200	2.8	28.6	90.88	R	0.00	69.91	0.00
1.300	3.5	35.7	113.55	R	0.00	87.35	0.00
1.400	3.8	38.0	124.04	R	0.00	95.42	0.00
1.500	3.6	35.6	120.69	L	0.00	92.84	0.00
1.600	2.9	28.2	108.24	L	0.00	83.26	0.00
1.700	1.7	16.0	84.47	L	0.00	64.98	0.00
1.800	0.1	-1.0	-51.42	R	0.00	-39.55	0.00
1.900	-2.0	-22.7	-57.85	R	0.00	-44.50	0.00
2.000	-4.5	-49.2	-80.39	R	0.00	-61.84	0.00
2.000	-4.5	-49.2	-80.39	R	0.00	-61.84	0.00
2.100	-2.6	-26.4	-60.20	L	0.00	-46.31	0.00
2.200	-1.1	-8.4	-51.46	L	0.00	-39.58	0.00
2.300	0.1	4.9	72.50	R	0.00	55.77	0.00
2.400	0.8	13.3	90.11	R	0.00	69.31	0.00
2.500	1.2	17.0	93.51	R	0.00	71.93	0.00
2.600	1.1	15.8	90.68	L	0.00	69.75	0.00
2.700	0.7	9.7	73.56	L	0.00	56.58	0.00
2.800	-0.1	-1.1	-46.47	R	0.00	-35.74	0.00
2.900	-1.3	-16.7	-54.43	R	0.00	-41.87	0.00
3.000	-3.0	-37.1	-74.80	L	0.00	-57.54	0.00
3.000	-3.0	-37.1	-74.80	L	0.00	-57.54	0.00
3.100	-1.2	-15.8	-53.95	L	0.00	-41.50	0.00
3.200	0.1	0.7	-46.11	L	0.00	-35.47	0.00
3.300	1.1	12.4	73.65	R	0.00	56.66	0.00
3.400	1.6	19.3	91.03	R	0.00	70.02	0.00
3.500	1.8	21.5	94.14	L	0.00	72.41	0.00
3.600	1.5	18.7	91.07	L	0.00	70.05	0.00
3.700	0.9	11.1	73.74	L	0.00	56.72	0.00
3.800	-0.1	-1.3	-46.50	R	0.00	-35.77	0.00
3.900	-1.6	-18.4	-54.41	R	0.00	-41.85	0.00
4.000	-3.4	-40.3	-74.78	L	0.00	-57.52	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.4	-40.3	-74.78	L	0.00	-57.52	0.00
4.100	-1.6	-18.7	-54.31	L	0.00	-41.77	0.00
4.200	-0.2	-1.8	-46.42	L	0.00	-35.71	0.00
4.300	0.8	10.4	73.69	R	0.00	56.68	0.00
4.400	1.4	17.7	91.04	R	0.00	70.03	0.00
4.500	1.6	20.3	94.12	L	0.00	72.40	0.00
4.600	1.4	17.9	91.04	L	0.00	70.03	0.00
4.700	0.8	10.7	73.70	L	0.00	56.69	0.00
4.800	-0.1	-1.2	-46.48	R	0.00	-35.76	0.00
4.900	-1.5	-18.0	-54.38	R	0.00	-41.83	0.00
5.000	-3.3	-39.5	-74.77	L	0.00	-57.51	0.00
5.000	-3.3	-39.5	-74.77	L	0.00	-57.51	0.00
5.100	-1.5	-17.9	-54.38	L	0.00	-41.83	0.00
5.200	-0.1	-1.1	-46.48	L	0.00	-35.76	0.00
5.300	0.9	10.9	73.70	R	0.00	56.69	0.00
5.400	1.4	18.1	91.04	R	0.00	70.03	0.00
5.500	1.6	20.6	94.12	R	0.00	72.40	0.00
5.600	1.4	18.1	91.04	L	0.00	70.03	0.00
5.700	0.8	10.8	73.69	L	0.00	56.69	0.00
5.800	-0.1	-1.3	-46.44	R	0.00	-35.73	0.00
5.900	-1.5	-18.1	-54.34	R	0.00	-41.80	0.00
6.000	-3.3	-39.8	-74.78	R	0.00	-57.52	0.00
6.000	-3.3	-39.8	-74.78	R	0.00	-57.52	0.00
6.100	-1.5	-18.1	-54.40	L	0.00	-41.85	0.00
6.200	-0.1	-1.3	-46.50	L	0.00	-35.77	0.00
6.300	0.8	10.8	73.75	R	0.00	56.73	0.00
6.400	1.4	18.1	91.10	R	0.00	70.08	0.00
6.500	1.6	20.6	94.18	R	0.00	72.45	0.00
6.600	1.5	18.1	91.10	L	0.00	70.08	0.00
6.700	0.9	10.9	73.74	L	0.00	56.73	0.00
6.800	-0.1	-1.1	-46.46	R	0.00	-35.74	0.00
6.900	-1.5	-17.9	-54.36	R	0.00	-41.81	0.00
7.000	-3.3	-39.4	-74.73	L	0.00	-57.48	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
7.000	-3.3	-39.4	-74.73	L	0.00	-57.48	0.00
7.100	-1.5	-17.9	-54.35	L	0.00	-41.81	0.00
7.200	-0.1	-1.2	-46.46	L	0.00	-35.74	0.00
7.300	0.8	10.7	73.74	R	0.00	56.73	0.00
7.400	1.4	17.9	91.10	R	0.00	70.08	0.00
7.500	1.6	20.3	94.18	L	0.00	72.45	0.00
7.600	1.4	17.7	91.11	L	0.00	70.08	0.00
7.700	0.8	10.3	73.76	L	0.00	56.74	0.00
7.800	-0.2	-1.8	-46.55	R	0.00	-35.81	0.00
7.900	-1.6	-18.7	-54.46	R	0.00	-41.89	0.00
8.000	-3.4	-40.4	-74.84	L	0.00	-57.57	0.00
8.000	-3.4	-40.4	-74.84	L	0.00	-57.57	0.00
8.100	-1.6	-18.5	-54.31	L	0.00	-41.78	0.00
8.200	-0.1	-1.3	-46.41	L	0.00	-35.70	0.00
8.300	0.9	11.0	73.58	R	0.00	56.60	0.00
8.400	1.5	18.6	90.90	R	0.00	69.92	0.00
8.500	1.7	21.4	93.96	R	0.00	72.28	0.00
8.600	1.6	19.3	90.86	L	0.00	69.89	0.00
8.700	1.0	12.4	73.51	L	0.00	56.54	0.00
8.800	0.1	0.6	-46.07	R	0.00	-35.44	0.00
8.900	-1.2	-15.8	-53.90	R	0.00	-41.46	0.00
9.000	-3.0	-37.1	-74.94	R	0.00	-57.65	0.00
9.000	-3.0	-37.1	-74.94	R	0.00	-57.65	0.00
9.100	-1.3	-16.7	-54.57	L	0.00	-41.97	0.00
9.200	-0.1	-1.1	-46.59	L	0.00	-35.84	0.00
9.300	0.7	9.7	73.58	R	0.00	56.60	0.00
9.400	1.1	15.7	90.70	R	0.00	69.77	0.00
9.500	1.2	17.0	93.52	R	0.00	71.94	0.00
9.600	0.8	13.3	90.11	L	0.00	69.32	0.00
9.700	0.1	4.9	72.51	L	0.00	55.77	0.00
9.800	-1.1	-8.4	-51.46	R	0.00	-39.58	0.00
9.900	-2.6	-26.4	-60.20	R	0.00	-46.30	0.00
10.000	-4.5	-49.2	-80.39	L	0.00	-61.84	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-49.2	-80.39	L	0.00	-61.84	0.00
10.100	-2.0	-22.7	-57.86	L	0.00	-44.51	0.00
10.200	0.1	-1.0	-51.43	L	0.00	-39.56	0.00
10.300	1.7	16.0	84.47	R	0.00	64.98	0.00
10.400	2.9	28.2	108.24	R	0.00	83.26	0.00
10.500	3.6	35.6	120.69	R	0.00	92.84	0.00
10.600	3.8	38.0	124.05	L	0.00	95.42	0.00
10.700	3.5	35.7	113.56	L	0.00	87.35	0.00
10.800	2.8	28.6	90.88	L	0.00	69.91	0.00
10.900	1.6	16.7	56.02	L	0.00	43.09	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2
1.100	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
1.200	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.6	-424.6
1.300	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
1.400	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.0	-435.0
1.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
1.600	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.2
1.700	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
1.800	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.3
1.900	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
2.000	393.2C	343.3	-343.3	-393.2C	447.0	397.0	-289.5	-339.4
2.000	325.0C	284.1	-284.1	-325.0C	378.8	337.9	-230.3	-271.2
2.100	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
2.200	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
2.300	325.0C	284.1	-284.1	-325.0C	320.0	279.2	-289.0	-329.9
2.400	325.0C	284.1	-284.1	-325.0C	310.8	269.9	-298.3	-339.2
2.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
2.600	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
2.700	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
2.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
2.900	325.0C	284.1	-284.1	-325.0C	343.0	302.1	-266.1	-307.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0
3.100	325.0C	284.1	-284.1	-325.0C	342.0	301.1	-267.1	-308.0
3.200	325.0C	284.1	-284.1	-325.0C	324.2	283.3	-284.9	-325.8
3.300	325.0C	284.1	-284.1	-325.0C	311.5	270.7	-297.5	-338.4
3.400	325.0C	284.1	-284.1	-325.0C	304.1	263.2	-305.0	-345.9
3.500	325.0C	284.1	-284.1	-325.0C	301.8	260.9	-307.3	-348.2
3.600	325.0C	284.1	-284.1	-325.0C	304.8	263.9	-304.3	-345.2
3.700	325.0C	284.1	-284.1	-325.0C	313.0	272.1	-296.1	-337.0
3.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
3.900	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3
4.100	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
4.200	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
4.300	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.3	-336.1
4.400	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
4.500	328.2C	274.8	-282.2	-328.2C	306.3	253.0	-304.1	-350.0
4.600	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
4.700	325.0C	284.1	-284.1	-325.0C	313.4	272.6	-295.6	-336.5
4.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
4.900	325.0C	284.1	-284.1	-325.0C	344.5	303.6	-264.6	-305.5
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
5.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
5.300	325.0C	284.1	-284.1	-325.0C	313.2	272.4	-295.8	-336.7
5.400	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.5
5.500	328.2C	274.8	-282.2	-328.2C	306.0	252.6	-304.4	-350.4
5.600	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
5.700	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
5.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
5.900	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.100	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3
6.200	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
6.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
6.400	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
6.500	325.0C	284.1	-284.1	-325.0C	302.8	261.9	-306.3	-347.2
6.600	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.6
6.700	325.0C	284.1	-284.1	-325.0C	313.2	272.3	-295.9	-336.8
6.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
6.900	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
7.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.200	325.0C	284.1	-284.1	-325.0C	326.3	285.5	-282.8	-323.6
7.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
7.400	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
7.500	325.0C	284.1	-284.1	-325.0C	303.1	262.2	-306.0	-346.9
7.600	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
7.700	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.2	-336.1
7.800	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
7.900	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.100	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
8.200	325.0C	284.1	-284.1	-325.0C	326.5	285.6	-282.6	-323.5
8.300	325.0C	284.1	-284.1	-325.0C	313.1	272.2	-296.0	-336.9
8.400	325.0C	274.8	-282.2	-325.0C	304.9	254.7	-302.3	-345.1
8.500	328.2C	274.8	-282.2	-328.2C	305.0	251.7	-305.4	-351.3
8.600	325.0C	274.8	-282.2	-325.0C	304.1	254.0	-303.1	-345.9
8.700	325.0C	284.1	-284.1	-325.0C	311.6	270.7	-297.5	-338.4
8.800	325.0C	284.1	-284.1	-325.0C	324.2	283.4	-284.8	-325.7
8.900	325.0C	284.1	-284.1	-325.0C	342.1	301.2	-267.0	-307.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9
9.100	325.0C	284.1	-284.1	-325.0C	343.1	302.2	-266.0	-306.9
9.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
9.300	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
9.400	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
9.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
9.600	325.0C	284.1	-284.1	-325.0C	310.8	270.0	-298.3	-339.1
9.700	325.0C	284.1	-284.1	-325.0C	320.1	279.2	-289.0	-329.9
9.800	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
9.900	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
10.000	325.0C	284.1	-284.1	-325.0C	378.7	337.9	-230.3	-271.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	393.2C	284.1	-284.1	-393.2C	447.0	337.9	-230.3	-339.5
10.100	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
10.200	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.4
10.300	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
10.400	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.3
10.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
10.600	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.1	-435.0
10.700	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
10.800	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.7	-424.6
10.900	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
11.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	6.69	56.26	5.80	64.03	0.00	156.6
1.200	3.98	29.14	3.43	33.03	0.00	92.7
1.300	3.12	19.83	2.68	22.43	0.00	72.3
1.400	2.83	14.98	2.43	16.92	0.00	65.6
1.500	2.93	11.90	2.52	13.45	0.00	68.0
1.600	3.35	9.71	2.88	11.00	0.00	77.9
1.700	4.45	8.02	3.85	9.13	0.00	104.1
1.800	8.16	6.66	7.13	7.63	0.00	179.8
1.900	27.35	5.51	24.08	6.37	0.00	148.7
2.000	25.95	3.60	23.05	4.22	0.00	97.2
2.000	21.99	2.87	19.62	3.37	0.00	77.4
2.100	38.78	4.24	34.30	4.92	0.00	114.4
2.200	7.99	5.34	7.02	6.13	0.00	144.1
2.300	4.41	6.77	3.85	7.72	0.00	104.0
2.400	3.45	8.78	3.00	9.98	0.00	80.9
2.500	3.28	11.98	2.84	13.60	0.00	76.8
2.600	3.40	9.85	2.95	11.19	0.00	79.6
2.700	4.28	7.65	3.72	8.71	0.00	100.5
2.800	7.56	6.09	6.61	6.97	0.00	164.4
2.900	23.84	4.89	21.00	5.64	0.00	132.0
3.000	19.76	3.26	17.55	3.81	0.00	88.1
3.000	19.76	3.26	17.55	3.81	0.00	88.1
3.100	21.42	4.95	18.86	5.71	0.00	133.7
3.200	7.53	6.18	6.58	7.07	0.00	166.8
3.300	4.23	7.77	3.67	8.84	0.00	99.2
3.400	3.34	10.02	2.89	11.36	0.00	78.1
3.500	3.21	13.48	2.77	15.28	0.00	74.8
3.600	3.35	9.91	2.90	11.25	0.00	78.2
3.700	4.24	7.67	3.69	8.73	0.00	99.6
3.800	7.57	6.08	6.62	6.96	0.00	164.1
3.900	23.99	4.85	21.14	5.61	0.00	131.1
4.000	22.07	3.21	19.62	3.76	0.00	86.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	22.07	3.21	19.62	3.76	0.00	86.8
4.100	24.24	4.86	21.37	5.61	0.00	131.2
4.200	7.59	6.08	6.64	6.96	0.00	164.1
4.300	4.26	7.66	3.70	8.72	0.00	100.0
4.400	3.36	9.89	2.91	11.23	0.00	78.6
4.500	3.26	13.35	2.69	15.36	0.00	72.6
4.600	3.36	9.89	2.91	11.22	0.00	78.5
4.700	4.25	7.66	3.70	8.72	0.00	99.9
4.800	7.57	6.08	6.62	6.96	0.00	164.2
4.900	23.98	4.87	21.13	5.62	0.00	131.4
5.000	22.03	3.23	19.58	3.78	0.00	87.2
5.000	22.03	3.23	19.58	3.78	0.00	87.2
5.100	23.99	4.87	21.14	5.62	0.00	131.4
5.200	7.57	6.09	6.62	6.97	0.00	164.3
5.300	4.25	7.67	3.70	8.73	0.00	99.8
5.400	3.36	9.90	2.91	11.23	0.00	78.5
5.500	3.25	13.36	2.68	15.38	0.00	72.5
5.600	3.36	9.90	2.91	11.23	0.00	78.5
5.700	4.25	7.67	3.70	8.73	0.00	99.8
5.800	7.57	6.09	6.63	6.97	0.00	164.3
5.900	24.01	4.87	21.16	5.62	0.00	131.4
6.000	22.03	3.22	19.58	3.77	0.00	87.0
6.000	22.03	3.22	19.58	3.77	0.00	87.0
6.100	23.97	4.86	21.12	5.61	0.00	131.2
6.200	7.57	6.08	6.62	6.96	0.00	164.1
6.300	4.25	7.66	3.69	8.72	0.00	99.8
6.400	3.35	9.89	2.90	11.22	0.00	78.4
6.500	3.21	13.43	2.78	15.23	0.00	75.1
6.600	3.35	9.90	2.90	11.23	0.00	78.4
6.700	4.25	7.67	3.69	8.73	0.00	99.7
6.800	7.56	6.09	6.61	6.97	0.00	164.4
6.900	23.94	4.87	21.09	5.62	0.00	131.5
7.000	22.00	3.23	19.56	3.78	0.00	87.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	22.00	3.23	19.56	3.78	0.00	87.2
7.100	23.97	4.87	21.12	5.62	0.00	131.5
7.200	7.57	6.09	6.62	6.97	0.00	164.3
7.300	4.25	7.67	3.70	8.73	0.00	99.8
7.400	3.36	9.89	2.91	11.22	0.00	78.5
7.500	3.22	13.40	2.78	15.19	0.00	75.2
7.600	3.36	9.86	2.91	11.19	0.00	78.5
7.700	4.26	7.64	3.70	8.70	0.00	99.9
7.800	7.58	6.06	6.63	6.94	0.00	163.6
7.900	24.17	4.84	21.31	5.59	0.00	130.8
8.000	22.12	3.21	19.67	3.76	0.00	86.7
8.000	22.12	3.21	19.67	3.76	0.00	86.7
8.100	24.05	4.86	21.20	5.61	0.00	131.3
8.200	7.59	6.09	6.64	6.97	0.00	164.4
8.300	4.26	7.68	3.70	8.75	0.00	99.9
8.400	3.35	9.87	2.80	11.27	0.00	75.7
8.500	3.25	13.44	2.68	15.46	0.00	72.3
8.600	3.35	9.97	2.80	11.38	0.00	75.5
8.700	4.24	7.78	3.68	8.85	0.00	99.4
8.800	7.55	6.18	6.60	7.07	0.00	166.9
8.900	21.44	4.95	18.88	5.71	0.00	133.8
9.000	19.78	3.26	17.56	3.80	0.00	87.9
9.000	19.78	3.26	17.56	3.80	0.00	87.9
9.100	23.80	4.88	20.97	5.62	0.00	131.6
9.200	7.56	6.07	6.61	6.95	0.00	163.9
9.300	4.28	7.63	3.72	8.69	0.00	100.4
9.400	3.40	9.83	2.95	11.16	0.00	79.5
9.500	3.28	11.98	2.84	13.60	0.00	76.8
9.600	3.45	8.78	3.00	9.98	0.00	80.9
9.700	4.41	6.77	3.85	7.72	0.00	104.0
9.800	7.99	5.34	7.02	6.13	0.00	144.1
9.900	38.67	4.24	34.21	4.92	0.00	114.4
10.000	21.93	2.87	19.57	3.37	0.00	77.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	25.89	2.87	19.57	4.22	0.00	77.4
10.100	27.28	5.51	24.02	6.37	0.00	148.7
10.200	8.16	6.66	7.13	7.63	0.00	179.8
10.300	4.45	8.02	3.85	9.13	0.00	104.1
10.400	3.35	9.70	2.88	11.00	0.00	77.9
10.500	2.93	11.90	2.52	13.45	0.00	68.0
10.600	2.83	14.97	2.43	16.92	0.00	65.6
10.700	3.12	19.83	2.68	22.42	0.00	72.3
10.800	3.98	29.14	3.43	33.03	0.00	92.7
10.900	6.69	56.25	5.80	64.02	0.00	156.6
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	26.86	0.00	20.66	0.00
1.100	0.6	5.7	22.41	0.00	17.24	0.00
1.200	0.4	3.8	18.18	0.00	13.98	0.00
1.300	0.2	1.9	14.31	0.00	11.01	0.00
1.400	0.0	-0.1	10.63	0.00	8.18	0.00
1.500	-0.2	-2.0	-12.74	0.00	-9.80	0.00
1.600	-0.4	-3.9	-16.23	0.00	-12.48	0.00
1.700	-0.6	-5.8	-19.90	0.00	-15.31	0.00
1.800	-0.7	-7.7	-23.44	0.00	-18.03	0.00
1.900	-0.9	-9.6	-27.29	0.00	-20.99	0.00
2.000	-1.1	-11.6	-30.78	0.00	-23.68	0.00
2.000	0.9	-11.6	29.25	0.00	22.50	0.00
2.100	0.7	8.2	25.25	0.00	19.43	0.00
2.200	0.5	6.3	21.42	0.00	16.48	0.00
2.300	0.4	4.3	17.60	0.00	13.54	0.00
2.400	0.2	2.4	13.56	0.00	10.43	0.00
2.500	0.1	0.5	9.43	0.00	7.25	0.00
2.600	-0.1	-1.5	-13.38	0.00	-10.29	0.00
2.700	-0.3	-3.4	-17.42	0.00	-13.40	0.00
2.800	-0.4	-5.3	-21.24	0.00	-16.34	0.00
2.900	-0.6	-7.2	-25.08	0.00	-19.29	0.00
3.000	-0.7	-9.1	-28.98	0.00	-22.29	0.00
3.000	0.8	9.5	29.05	0.00	22.35	0.00
3.100	0.6	7.6	25.16	0.00	19.36	0.00
3.200	0.5	5.6	21.31	0.00	16.39	0.00
3.300	0.3	3.7	17.51	0.00	13.47	0.00
3.400	0.1	1.8	13.48	0.00	10.37	0.00
3.500	0.0	-0.1	9.35	0.00	7.19	0.00
3.600	-0.2	-2.1	-13.47	0.00	-10.36	0.00
3.700	-0.3	-4.0	-17.50	0.00	-13.46	0.00
3.800	-0.5	-5.9	-21.30	0.00	-16.39	0.00
3.900	-0.6	-7.8	-25.15	0.00	-19.35	0.00
4.000	-0.8	-9.7	-29.04	0.00	-22.34	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	29.05	0.00	22.34	0.00
4.100	0.6	7.7	25.16	0.00	19.35	0.00
4.200	0.5	5.8	21.31	0.00	16.39	0.00
4.300	0.3	3.9	17.51	0.00	13.47	0.00
4.400	0.2	2.0	13.48	0.00	10.37	0.00
4.500	0.0	0.1	9.34	0.00	7.19	0.00
4.600	-0.2	-1.9	-13.47	0.00	-10.36	0.00
4.700	-0.3	-3.8	-17.50	0.00	-13.46	0.00
4.800	-0.5	-5.7	-21.31	0.00	-16.39	0.00
4.900	-0.6	-7.7	-25.16	0.00	-19.35	0.00
5.000	-0.8	-9.6	-29.05	0.00	-22.34	0.00
5.000	0.8	9.6	29.05	0.00	22.34	0.00
5.100	0.6	7.7	25.16	0.00	19.35	0.00
5.200	0.5	5.8	21.31	0.00	16.39	0.00
5.300	0.3	3.8	17.50	0.00	13.46	0.00
5.400	0.2	1.9	13.47	0.00	10.36	0.00
5.500	0.0	0.0	9.34	0.00	-7.19	0.00
5.600	-0.2	-2.0	-13.47	0.00	-10.37	0.00
5.700	-0.3	-3.9	-17.50	0.00	-13.47	0.00
5.800	-0.5	-5.8	-21.31	0.00	-16.39	0.00
5.900	-0.6	-7.7	-25.16	0.00	-19.35	0.00
6.000	-0.8	-9.6	-29.05	0.00	-22.34	0.00
6.000	0.8	9.6	29.05	0.00	22.34	0.00
6.100	0.6	7.7	25.16	0.00	19.35	0.00
6.200	0.5	5.8	21.31	0.00	16.39	0.00
6.300	0.3	3.9	17.50	0.00	13.46	0.00
6.400	0.2	2.0	13.47	0.00	10.36	0.00
6.500	0.0	0.1	9.34	0.00	-7.19	0.00
6.600	-0.2	-1.9	-13.47	0.00	-10.37	0.00
6.700	-0.3	-3.8	-17.50	0.00	-13.47	0.00
6.800	-0.5	-5.8	-21.31	0.00	-16.39	0.00
6.900	-0.6	-7.7	-25.16	0.00	-19.35	0.00
7.000	-0.8	-9.6	-29.05	0.00	-22.34	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	29.05	0.00	22.34	0.00
7.100	0.6	7.6	25.16	0.00	19.35	0.00
7.200	0.5	5.7	21.31	0.00	16.39	0.00
7.300	0.3	3.8	17.51	0.00	13.47	0.00
7.400	0.2	1.9	13.48	0.00	10.37	0.00
7.500	0.0	0.0	9.34	0.00	7.19	0.00
7.600	-0.2	-2.0	-13.47	0.00	-10.36	0.00
7.700	-0.3	-3.9	-17.50	0.00	-13.46	0.00
7.800	-0.5	-5.8	-21.31	0.00	-16.39	0.00
7.900	-0.6	-7.7	-25.15	0.00	-19.35	0.00
8.000	-0.8	-9.6	-29.05	0.00	-22.34	0.00
8.000	0.8	9.7	29.04	0.00	22.34	0.00
8.100	0.6	7.8	25.15	0.00	19.35	0.00
8.200	0.5	5.9	21.30	0.00	16.39	0.00
8.300	0.3	4.0	17.50	0.00	13.46	0.00
8.400	0.2	2.1	13.47	0.00	10.36	0.00
8.500	0.0	0.2	-9.35	0.00	-7.19	0.00
8.600	-0.1	-1.8	-13.48	0.00	-10.37	0.00
8.700	-0.3	-3.7	-17.51	0.00	-13.47	0.00
8.800	-0.5	-5.6	-21.31	0.00	-16.39	0.00
8.900	-0.6	-7.6	-25.16	0.00	-19.36	0.00
9.000	-0.8	-9.5	-29.05	0.00	-22.35	0.00
9.000	0.7	-9.5	28.98	0.00	22.29	0.00
9.100	0.6	7.2	25.08	0.00	19.29	0.00
9.200	0.4	5.3	21.24	0.00	16.34	0.00
9.300	0.3	3.4	17.42	0.00	13.40	0.00
9.400	0.1	1.5	13.37	0.00	10.29	0.00
9.500	-0.1	-0.5	-9.43	0.00	-7.25	0.00
9.600	-0.2	-2.4	-13.56	0.00	-10.43	0.00
9.700	-0.4	-4.3	-17.60	0.00	-13.54	0.00
9.800	-0.5	-6.2	-21.42	0.00	-16.48	0.00
9.900	-0.7	-8.2	-25.26	0.00	-19.43	0.00
10.000	-0.9	-10.1	-29.13	0.00	-22.40	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	30.78	0.00	23.68	0.00
10.100	0.9	9.6	27.29	0.00	20.99	0.00
10.200	0.7	7.7	23.44	0.00	18.03	0.00
10.300	0.6	5.8	19.90	0.00	15.31	0.00
10.400	0.4	3.9	16.23	0.00	12.48	0.00
10.500	0.2	2.0	12.74	0.00	9.80	0.00
10.600	0.0	0.1	-11.06	0.00	-8.51	0.00
10.700	-0.2	-1.9	-14.31	0.00	-11.01	0.00
10.800	-0.4	-3.8	-18.18	0.00	-13.98	0.00
10.900	-0.6	-5.7	-22.41	0.00	-17.24	0.00
11.000	-0.8	-7.6	-26.86	0.00	-20.66	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	184.6	-150.4	133.6
1.100	184.6	-148.3	135.7
1.200	184.6	-146.2	137.8
1.300	184.6	-144.1	139.9
1.400	184.6	-142.0	142.0
1.500	184.6	-139.9	144.1
1.600	184.6	-137.7	146.3
1.700	184.6	-135.6	148.4
1.800	184.6	-133.5	150.5
1.900	184.6	-131.4	152.6
2.000	184.6	-129.3	154.7
2.000	160.8	-129.3	112.7
2.100	160.8	-132.5	114.8
2.200	160.8	-130.5	116.9
2.300	160.8	-128.4	119.0
2.400	160.8	-126.3	121.0
2.500	160.8	-124.3	123.1
2.600	160.8	-122.1	125.2
2.700	160.8	-120.0	127.3
2.800	160.8	-118.0	129.4
2.900	160.8	-115.9	131.4
3.000	160.8	-113.8	124.4
3.000	160.8	-113.8	113.4
3.100	160.8	-131.8	115.5
3.200	160.8	-129.8	117.6
3.300	160.8	-127.7	119.6
3.400	160.8	-125.6	121.7
3.500	160.8	-123.6	123.8
3.600	160.8	-121.4	125.9
3.700	160.8	-119.4	128.0
3.800	160.8	-117.3	130.1
3.900	160.8	-115.2	132.1
4.000	160.8	-113.1	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	160.8	-113.1	113.3
4.100	160.8	-132.0	115.3
4.200	160.8	-130.0	117.4
4.300	160.8	-127.9	119.5
4.400	160.8	-125.8	121.5
4.500	160.8	-123.7	123.6
4.600	160.8	-121.6	125.7
4.700	160.8	-119.5	127.8
4.800	160.8	-117.5	129.9
4.900	160.8	-115.4	131.9
5.000	160.8	-113.3	124.5
5.000	160.8	-113.3	113.3
5.100	160.8	-132.0	115.4
5.200	160.8	-129.9	117.4
5.300	160.8	-127.8	119.5
5.400	160.8	-125.8	121.6
5.500	160.8	-123.7	123.7
5.600	160.8	-121.6	125.8
5.700	160.8	-119.5	127.9
5.800	160.8	-117.4	129.9
5.900	160.8	-115.3	132.0
6.000	160.8	-113.3	124.5
6.000	160.8	-113.3	113.3
6.100	160.8	-132.0	115.3
6.200	160.8	-129.9	117.4
6.300	160.8	-127.9	119.5
6.400	160.8	-125.8	121.6
6.500	160.8	-123.7	123.6
6.600	160.8	-121.6	125.8
6.700	160.8	-119.5	127.8
6.800	160.8	-117.4	129.9
6.900	160.8	-115.4	132.0
7.000	160.8	-113.3	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	160.8	-113.3	113.3
7.100	160.8	-131.9	115.4
7.200	160.8	-129.9	117.5
7.300	160.8	-127.8	119.5
7.400	160.8	-125.7	121.6
7.500	160.8	-123.7	123.7
7.600	160.8	-121.5	125.8
7.700	160.8	-119.5	127.9
7.800	160.8	-117.4	130.0
7.900	160.8	-115.3	132.0
8.000	160.8	-113.2	124.5
8.000	160.8	-113.2	113.1
8.100	160.8	-132.1	115.2
8.200	160.8	-130.1	117.3
8.300	160.8	-128.0	119.4
8.400	160.8	-125.9	121.4
8.500	160.8	-123.9	123.5
8.600	160.8	-121.7	125.6
8.700	160.8	-119.7	127.7
8.800	160.8	-117.6	129.8
8.900	160.8	-115.5	131.8
9.000	160.8	-113.4	124.4
9.000	160.8	-113.4	113.8
9.100	160.8	-131.4	115.9
9.200	160.8	-129.4	118.0
9.300	160.8	-127.3	120.0
9.400	160.8	-125.2	122.1
9.500	160.8	-123.2	124.2
9.600	160.8	-121.0	126.3
9.700	160.8	-119.0	128.4
9.800	160.8	-116.9	130.5
9.900	160.8	-114.8	132.5
10.000	160.8	-112.7	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	184.6	-112.7	129.3
10.100	184.6	-152.6	131.4
10.200	184.6	-150.5	133.5
10.300	184.6	-148.4	135.6
10.400	184.6	-146.3	137.7
10.500	184.6	-144.2	139.8
10.600	184.6	-142.0	142.0
10.700	184.6	-139.9	144.1
10.800	184.6	-137.8	146.2
10.900	184.6	-135.7	148.3
11.000	184.6	-133.6	142.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	58.71	4.98	0.00	134.3
1.100	57.89	6.06	0.00	163.6
1.200	47.48	7.58	0.00	204.8
1.300	25.70	9.78	0.00	264.1
1.400	15.61	13.36	0.00	360.7
1.500	10.98	19.42	0.00	296.5
1.600	8.49	31.63	0.00	229.2
1.700	6.82	65.37	0.00	184.1
1.800	5.70	219.26	0.00	153.8
1.900	4.82	222.31	0.00	130.0
2.000	4.20	225.37	0.00	113.5
2.000	4.20	3.86	0.00	104.1
2.100	41.77	4.55	0.00	122.7
2.200	41.12	5.46	0.00	147.3
2.300	40.47	6.76	0.00	182.5
2.400	22.29	8.92	0.00	240.9
2.500	13.45	13.06	0.00	352.5
2.600	9.13	21.41	0.00	246.5
2.700	6.89	36.54	0.00	186.1
2.800	5.55	37.14	0.00	150.0
2.900	4.62	37.59	0.00	124.8
3.000	3.93	35.58	0.00	106.1
3.000	3.93	3.90	0.00	105.4
3.100	41.85	4.59	0.00	123.9
3.200	41.19	5.52	0.00	149.0
3.300	40.54	6.83	0.00	184.5
3.400	21.64	9.03	0.00	243.8
3.500	13.24	13.24	0.00	357.5
3.600	9.02	21.67	0.00	243.5
3.700	6.82	41.00	0.00	184.2
3.800	5.51	41.67	0.00	148.6
3.900	4.58	42.17	0.00	123.7
4.000	3.90	39.73	0.00	105.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.90	3.90	0.00	105.2
4.100	41.94	4.58	0.00	123.8
4.200	41.28	5.51	0.00	148.7
4.300	40.62	6.82	0.00	184.3
4.400	21.67	9.02	0.00	243.5
4.500	13.25	13.23	0.00	357.2
4.600	9.03	21.65	0.00	243.7
4.700	6.83	40.66	0.00	184.4
4.800	5.51	41.32	0.00	148.8
4.900	4.59	41.82	0.00	123.9
5.000	3.90	39.45	0.00	105.3
5.000	3.90	3.90	0.00	105.3
5.100	41.96	4.59	0.00	123.8
5.200	41.30	5.51	0.00	148.8
5.300	40.65	6.83	0.00	184.4
5.400	21.66	9.02	0.00	243.7
5.500	13.24	13.24	0.00	357.5
5.600	9.02	21.66	0.00	243.6
5.700	6.83	40.62	0.00	184.3
5.800	5.51	41.28	0.00	148.8
5.900	4.59	41.78	0.00	123.8
6.000	3.90	39.39	0.00	105.3
6.000	3.90	3.90	0.00	105.3
6.100	41.97	4.59	0.00	123.8
6.200	41.31	5.51	0.00	148.8
6.300	40.65	6.83	0.00	184.3
6.400	21.66	9.02	0.00	243.6
6.500	13.24	13.24	0.00	357.4
6.600	9.02	21.66	0.00	243.6
6.700	6.83	40.61	0.00	184.3
6.800	5.51	41.26	0.00	148.8
6.900	4.59	41.77	0.00	123.8
7.000	3.90	39.39	0.00	105.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.90	3.90	0.00	105.3
7.100	41.87	4.59	0.00	123.9
7.200	41.21	5.51	0.00	148.8
7.300	40.55	6.83	0.00	184.4
7.400	21.66	9.02	0.00	243.7
7.500	13.24	13.24	0.00	357.5
7.600	9.02	21.67	0.00	243.6
7.700	6.82	40.67	0.00	184.3
7.800	5.51	41.32	0.00	148.7
7.900	4.58	41.83	0.00	123.8
8.000	3.90	39.43	0.00	105.3
8.000	3.90	3.90	0.00	105.2
8.100	42.33	4.58	0.00	123.7
8.200	41.66	5.51	0.00	148.6
8.300	41.00	6.82	0.00	184.2
8.400	21.67	9.02	0.00	243.5
8.500	13.25	13.23	0.00	357.3
8.600	9.03	21.64	0.00	243.8
8.700	6.83	40.58	0.00	184.5
8.800	5.52	41.23	0.00	149.0
8.900	4.59	41.74	0.00	123.9
9.000	3.90	39.40	0.00	105.4
9.000	3.90	3.93	0.00	105.4
9.100	37.74	4.62	0.00	124.8
9.200	37.14	5.55	0.00	150.0
9.300	36.55	6.89	0.00	186.1
9.400	21.41	9.13	0.00	246.6
9.500	13.06	13.45	0.00	352.6
9.600	8.92	22.30	0.00	240.9
9.700	6.76	40.37	0.00	182.5
9.800	5.46	41.01	0.00	147.3
9.900	4.55	41.51	0.00	122.7
10.000	3.87	39.00	0.00	104.5

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.87	4.20	0.00	104.5
10.100	221.76	4.82	0.00	130.0
10.200	218.71	5.70	0.00	153.8
10.300	65.37	6.82	0.00	184.1
10.400	31.63	8.49	0.00	229.2
10.500	19.43	10.98	0.00	296.4
10.600	12.84	15.61	0.00	346.6
10.700	9.78	25.70	0.00	264.1
10.800	7.58	47.49	0.00	204.8
10.900	6.06	57.88	0.00	163.6
11.000	4.97	999.00	0.00	134.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0
1.100	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
1.200	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
1.300	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
1.400	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
1.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
1.600	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
1.700	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
1.800	357.0	357.0	-357.0	-357.0	357.9	357.9	-356.1	-356.1
1.900	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
2.000	357.0	357.0	-357.0	-357.0	410.7	410.7	-303.2	-303.2
2.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
2.100	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.4	-266.5
2.200	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
2.300	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
2.400	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
2.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
2.600	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
2.700	295.5	295.5	-295.5	-295.5	285.0	285.0	-305.9	-305.9
2.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.3
2.900	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4

3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.100	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4
3.200	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.3	-296.3
3.300	295.5	295.5	-295.5	-295.5	282.0	282.0	-308.9	-308.9
3.400	295.5	295.5	-295.5	-295.5	274.5	274.6	-316.4	-316.4
3.500	295.5	295.5	-295.5	-295.5	272.2	272.3	-318.7	-318.7
3.600	295.5	295.5	-295.5	-295.5	275.3	275.3	-315.6	-315.7
3.700	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
3.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
3.900	295.5	295.5	-295.5	-295.5	315.4	315.5	-275.5	-275.5
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
4.100	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
4.200	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
4.300	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
4.400	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
4.500	293.5	285.8	-293.5	-285.8	271.6	264.0	-315.4	-307.7
4.600	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
4.700	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
4.800	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
4.900	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.1	-276.1
5.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
5.300	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
5.400	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.0
5.500	293.5	285.8	-293.5	-285.8	271.3	263.6	-315.7	-308.0
5.600	295.5	295.5	-295.5	-295.5	276.0	276.0	-315.0	-315.0
5.700	295.5	295.5	-295.5	-295.5	283.8	283.9	-307.1	-307.1
5.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
5.900	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8

6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.100	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8
6.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
6.300	295.5	295.5	-295.5	-295.5	283.8	283.8	-307.1	-307.1
6.400	295.5	295.5	-295.5	-295.5	275.9	276.0	-315.0	-315.0
6.500	295.5	295.5	-295.5	-295.5	273.2	273.3	-317.7	-317.7
6.600	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.1
6.700	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
6.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.3	-294.3
6.900	295.5	295.5	-295.5	-295.5	314.8	314.8	-276.1	-276.1
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8
7.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
7.200	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
7.300	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
7.400	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
7.500	295.5	295.5	-295.5	-295.5	273.6	273.6	-317.3	-317.3
7.600	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
7.700	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
7.800	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
7.900	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.100	295.5	295.5	-295.5	-295.5	315.5	315.5	-275.4	-275.5
8.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
8.300	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
8.400	293.5	285.8	-293.5	-285.8	273.4	265.7	-313.6	-305.9
8.500	293.5	285.8	-293.5	-285.8	270.3	262.6	-316.7	-309.0
8.600	293.5	285.8	-293.5	-285.8	272.6	264.9	-314.4	-306.7
8.700	295.5	295.5	-295.5	-295.5	282.1	282.1	-308.9	-308.9
8.800	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.2	-296.2
8.900	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4

9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.100	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4
9.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
9.300	295.5	295.5	-295.5	-295.5	285.1	285.1	-305.9	-305.9
9.400	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
9.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
9.600	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
9.700	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
9.800	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
9.900	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.5	-266.5
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
10.100	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
10.200	357.0	357.0	-357.0	-357.0	357.8	357.8	-356.1	-356.1
10.300	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
10.400	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
10.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
10.600	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
10.700	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
10.800	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
10.900	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
11.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	6.05	58.39	6.05	58.39	0.00	163.2
1.200	3.58	30.21	3.58	30.21	0.00	96.7
1.300	2.80	20.55	2.80	20.55	0.00	75.6
1.400	2.54	15.51	2.54	15.51	0.00	68.6
1.500	2.63	12.32	2.63	12.32	0.00	71.1
1.600	3.01	10.06	3.01	10.06	0.00	81.3
1.700	4.02	8.33	4.02	8.33	0.00	108.4
1.800	7.41	6.93	7.41	6.93	0.00	187.0
1.900	24.98	5.74	24.98	5.74	0.00	155.1
2.000	23.85	3.77	23.85	3.77	0.00	101.8
2.000	20.28	3.01	20.28	3.01	0.00	81.2
2.100	35.54	4.43	35.54	4.43	0.00	119.5
2.200	7.29	5.56	7.29	5.56	0.00	150.1
2.300	4.01	7.03	4.01	7.03	0.00	108.2
2.400	3.12	9.11	3.12	9.11	0.00	84.3
2.500	2.96	12.43	2.96	12.43	0.00	80.1
2.600	3.07	10.23	3.07	10.23	0.00	82.9
2.700	3.88	7.94	3.88	7.94	0.00	104.6
2.800	6.88	6.33	6.88	6.33	0.00	171.0
2.900	21.79	5.10	21.79	5.10	0.00	137.6
3.000	18.16	3.41	18.16	3.41	0.00	92.2
3.000	18.16	3.41	18.16	3.41	0.00	92.2
3.100	19.57	5.16	19.57	5.16	0.00	139.4
3.200	6.85	6.42	6.85	6.43	0.00	173.5
3.300	3.83	8.07	3.83	8.07	0.00	103.4
3.400	3.02	10.39	3.02	10.39	0.00	81.4
3.500	2.89	13.98	2.89	13.98	0.00	78.1
3.600	3.02	10.28	3.02	10.28	0.00	81.6
3.700	3.85	7.97	3.85	7.97	0.00	103.8
3.800	6.88	6.32	6.88	6.32	0.00	170.7
3.900	21.93	5.06	21.93	5.06	0.00	136.7
4.000	20.30	3.37	20.30	3.37	0.00	90.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	20.30	3.37	20.30	3.37	0.00	90.9
4.100	22.17	5.07	22.17	5.07	0.00	136.8
4.200	6.90	6.32	6.90	6.32	0.00	170.7
4.300	3.86	7.96	3.86	7.96	0.00	104.2
4.400	3.04	10.27	3.04	10.27	0.00	82.0
4.500	2.89	13.84	2.81	13.50	0.00	75.7
4.600	3.03	10.26	3.03	10.26	0.00	81.9
4.700	3.85	7.96	3.85	7.96	0.00	104.0
4.800	6.89	6.33	6.89	6.33	0.00	170.8
4.900	21.92	5.07	21.92	5.07	0.00	137.0
5.000	20.26	3.38	20.27	3.38	0.00	91.3
5.000	20.26	3.38	20.27	3.38	0.00	91.3
5.100	21.93	5.08	21.93	5.08	0.00	137.1
5.200	6.88	6.33	6.88	6.33	0.00	170.9
5.300	3.85	7.96	3.85	7.96	0.00	103.9
5.400	3.03	10.27	3.03	10.27	0.00	81.8
5.500	2.88	13.85	2.80	13.52	0.00	75.6
5.600	3.03	10.27	3.03	10.27	0.00	81.8
5.700	3.85	7.97	3.85	7.97	0.00	104.0
5.800	6.89	6.33	6.89	6.33	0.00	170.9
5.900	21.95	5.08	21.95	5.08	0.00	137.1
6.000	20.26	3.38	20.26	3.38	0.00	91.1
6.000	20.26	3.38	20.26	3.38	0.00	91.1
6.100	21.91	5.07	21.91	5.07	0.00	136.9
6.200	6.88	6.32	6.88	6.32	0.00	170.7
6.300	3.85	7.95	3.85	7.96	0.00	103.9
6.400	3.03	10.26	3.03	10.26	0.00	81.8
6.500	2.90	13.93	2.90	13.93	0.00	78.3
6.600	3.03	10.27	3.03	10.27	0.00	81.8
6.700	3.85	7.97	3.85	7.97	0.00	103.9
6.800	6.88	6.33	6.88	6.33	0.00	171.0
6.900	21.89	5.08	21.89	5.08	0.00	137.1
7.000	20.24	3.38	20.24	3.38	0.00	91.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	20.24	3.38	20.24	3.38	0.00	91.3
7.100	21.92	5.08	21.92	5.08	0.00	137.1
7.200	6.88	6.33	6.88	6.33	0.00	170.9
7.300	3.85	7.96	3.85	7.96	0.00	103.9
7.400	3.03	10.26	3.03	10.26	0.00	81.8
7.500	2.90	13.90	2.90	13.90	0.00	78.4
7.600	3.03	10.23	3.03	10.23	0.00	81.9
7.700	3.86	7.93	3.86	7.93	0.00	104.1
7.800	6.89	6.30	6.89	6.30	0.00	170.2
7.900	22.11	5.05	22.11	5.05	0.00	136.4
8.000	20.35	3.36	20.35	3.36	0.00	90.8
8.000	20.35	3.36	20.35	3.36	0.00	90.8
8.100	21.99	5.07	21.99	5.07	0.00	136.9
8.200	6.90	6.33	6.90	6.33	0.00	171.0
8.300	3.85	7.98	3.85	7.98	0.00	104.0
8.400	3.01	10.24	2.92	9.99	0.00	78.9
8.500	2.88	13.94	2.80	13.60	0.00	75.5
8.600	3.00	10.34	2.92	10.09	0.00	78.7
8.700	3.84	8.08	3.84	8.08	0.00	103.6
8.800	6.87	6.43	6.87	6.43	0.00	173.6
8.900	19.59	5.16	19.59	5.16	0.00	139.4
9.000	18.18	3.41	18.18	3.41	0.00	92.0
9.000	18.18	3.41	18.18	3.41	0.00	92.0
9.100	21.75	5.08	21.75	5.08	0.00	137.3
9.200	6.87	6.32	6.87	6.32	0.00	170.5
9.300	3.87	7.92	3.87	7.92	0.00	104.6
9.400	3.07	10.20	3.07	10.20	0.00	82.9
9.500	2.96	12.43	2.96	12.43	0.00	80.1
9.600	3.12	9.11	3.12	9.11	0.00	84.3
9.700	4.01	7.03	4.01	7.03	0.00	108.2
9.800	7.29	5.56	7.29	5.56	0.00	150.1
9.900	35.45	4.43	35.45	4.43	0.00	119.5
10.000	20.22	3.01	20.23	3.01	0.00	81.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	20.22	3.01	20.23	3.01	0.00	81.2
10.100	24.91	5.74	24.91	5.74	0.00	155.1
10.200	7.41	6.93	7.41	6.93	0.00	187.0
10.300	4.02	8.33	4.02	8.33	0.00	108.4
10.400	3.01	10.06	3.01	10.06	0.00	81.3
10.500	2.63	12.32	2.63	12.32	0.00	71.1
10.600	2.54	15.51	2.54	15.51	0.00	68.6
10.700	2.80	20.54	2.80	20.54	0.00	75.6
10.800	3.58	30.21	3.58	30.21	0.00	96.7
10.900	6.05	58.38	6.05	58.38	0.00	163.2
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	16.7	53.21	R	0.00	40.93	0.00
1.200	2.8	28.6	87.79	R	0.00	67.53	0.00
1.300	3.5	35.7	105.33	R	0.00	81.02	0.00
1.400	3.8	38.0	110.64	R	0.00	85.11	0.00
1.500	3.6	35.6	108.22	R	0.00	83.25	0.00
1.600	2.9	28.2	99.11	L	0.00	76.24	0.00
1.700	1.7	16.0	81.60	R	0.00	62.77	0.00
1.800	0.1	-1.0	59.17	R	0.00	45.51	0.00
1.900	-2.0	-22.7	-52.33	L	0.00	-40.25	0.00
2.000	-4.5	-49.2	-73.50	L	0.00	-56.54	0.00
2.000	-4.5	-49.2	-73.50	L	0.00	-56.54	0.00
2.100	-2.6	-26.4	-54.65	L	0.00	-42.04	0.00
2.200	-1.1	-8.4	46.06	R	0.00	35.43	0.00
2.300	0.1	4.9	66.44	R	0.00	51.11	0.00
2.400	0.8	13.3	80.71	R	0.00	62.08	0.00
2.500	1.2	17.0	85.48	R	0.00	65.76	0.00
2.600	1.1	15.8	83.63	L	0.00	64.33	0.00
2.700	0.7	9.7	72.25	R	0.00	55.58	0.00
2.800	-0.1	-1.1	54.42	R	0.00	41.86	0.00
2.900	-1.3	-16.7	-46.78	R	0.00	-35.99	0.00
3.000	-3.0	-37.1	-59.45	L	0.00	-45.73	0.00
3.000	-3.0	-37.1	-59.45	L	0.00	-45.73	0.00
3.100	-1.2	-15.8	-46.43	L	0.00	-35.71	0.00
3.200	0.1	0.7	55.05	L	0.00	42.34	0.00
3.300	1.1	12.4	72.85	L	0.00	56.04	0.00
3.400	1.6	19.3	83.95	R	0.00	64.58	0.00
3.500	1.8	21.5	86.27	L	0.00	66.36	0.00
3.600	1.5	18.7	83.97	L	0.00	64.59	0.00
3.700	0.9	11.1	72.40	R	0.00	55.69	0.00
3.800	-0.1	-1.3	54.42	R	0.00	41.86	0.00
3.900	-1.6	-18.4	-46.82	R	0.00	-36.02	0.00
4.000	-3.4	-40.3	-59.59	R	0.00	-45.84	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.4	-40.3	-59.59	R	0.00	-45.84	0.00
4.100	-1.6	-18.7	-46.73	L	0.00	-35.95	0.00
4.200	-0.2	-1.8	54.31	L	0.00	41.78	0.00
4.300	0.8	10.4	72.31	L	0.00	55.63	0.00
4.400	1.4	17.7	83.93	R	0.00	64.56	0.00
4.500	1.6	20.3	85.95	R	0.00	66.12	0.00
4.600	1.4	17.9	83.95	L	0.00	64.58	0.00
4.700	0.8	10.7	72.36	R	0.00	55.66	0.00
4.800	-0.1	-1.2	54.38	R	0.00	41.83	0.00
4.900	-1.5	-18.0	-46.81	R	0.00	-36.00	0.00
5.000	-3.3	-39.5	-59.55	R	0.00	-45.81	0.00
5.000	-3.3	-39.5	-59.55	R	0.00	-45.81	0.00
5.100	-1.5	-17.9	-46.80	L	0.00	-36.00	0.00
5.200	-0.1	-1.1	54.38	L	0.00	41.83	0.00
5.300	0.9	10.9	72.36	L	0.00	55.66	0.00
5.400	1.4	18.1	83.95	R	0.00	64.58	0.00
5.500	1.6	20.6	85.95	R	0.00	66.12	0.00
5.600	1.4	18.1	83.94	L	0.00	64.57	0.00
5.700	0.8	10.8	72.35	R	0.00	55.65	0.00
5.800	-0.1	-1.3	54.37	R	0.00	41.82	0.00
5.900	-1.5	-18.1	-46.76	R	0.00	-35.97	0.00
6.000	-3.3	-39.8	-59.54	R	0.00	-45.80	0.00
6.000	-3.3	-39.8	-59.54	R	0.00	-45.80	0.00
6.100	-1.5	-18.1	-46.82	L	0.00	-36.01	0.00
6.200	-0.1	-1.3	54.42	L	0.00	41.86	0.00
6.300	0.8	10.8	72.41	L	0.00	55.70	0.00
6.400	1.4	18.1	83.99	R	0.00	64.61	0.00
6.500	1.6	20.6	86.01	R	0.00	66.16	0.00
6.600	1.5	18.1	83.99	L	0.00	64.61	0.00
6.700	0.9	10.9	72.41	R	0.00	55.70	0.00
6.800	-0.1	-1.1	54.41	R	0.00	41.86	0.00
6.900	-1.5	-17.9	-46.77	R	0.00	-35.98	0.00
7.000	-3.3	-39.4	-59.51	R	0.00	-45.77	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
7.000	-3.3	-39.4	-59.51	R	0.00	-45.77	0.00
7.100	-1.5	-17.9	-46.77	L	0.00	-35.98	0.00
7.200	-0.1	-1.2	54.41	L	0.00	41.85	0.00
7.300	0.8	10.7	72.40	L	0.00	55.70	0.00
7.400	1.4	17.9	83.99	R	0.00	64.61	0.00
7.500	1.6	20.3	86.01	L	0.00	66.16	0.00
7.600	1.4	17.7	84.00	L	0.00	64.61	0.00
7.700	0.8	10.3	72.39	R	0.00	55.69	0.00
7.800	-0.2	-1.8	54.39	R	0.00	41.84	0.00
7.900	-1.6	-18.7	-46.88	R	0.00	-36.06	0.00
8.000	-3.4	-40.4	-59.60	L	0.00	-45.84	0.00
8.000	-3.4	-40.4	-59.60	L	0.00	-45.84	0.00
8.100	-1.6	-18.5	-46.74	L	0.00	-35.96	0.00
8.200	-0.1	-1.3	54.30	L	0.00	41.77	0.00
8.300	0.9	11.0	72.25	L	0.00	55.57	0.00
8.400	1.5	18.6	83.83	R	0.00	64.48	0.00
8.500	1.7	21.4	86.11	R	0.00	66.24	0.00
8.600	1.6	19.3	83.82	L	0.00	64.48	0.00
8.700	1.0	12.4	72.70	R	0.00	55.93	0.00
8.800	0.1	0.6	54.94	R	0.00	42.26	0.00
8.900	-1.2	-15.8	-46.40	R	0.00	-35.69	0.00
9.000	-3.0	-37.1	-59.57	R	0.00	-45.82	0.00
9.000	-3.0	-37.1	-59.57	R	0.00	-45.82	0.00
9.100	-1.3	-16.7	-46.92	L	0.00	-36.09	0.00
9.200	-0.1	-1.1	54.46	L	0.00	41.89	0.00
9.300	0.7	9.7	72.28	L	0.00	55.60	0.00
9.400	1.1	15.7	83.65	R	0.00	64.35	0.00
9.500	1.2	17.0	85.50	L	0.00	65.77	0.00
9.600	0.8	13.3	80.71	L	0.00	62.09	0.00
9.700	0.1	4.9	66.44	L	0.00	51.11	0.00
9.800	-1.1	-8.4	46.06	L	0.00	35.43	0.00
9.900	-2.6	-26.4	-54.65	R	0.00	-42.04	0.00
10.000	-4.5	-49.2	-73.51	R	0.00	-56.54	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-49.2	-73.51	R	0.00	-56.54	0.00
10.100	-2.0	-22.7	-52.34	R	0.00	-40.26	0.00
10.200	0.1	-1.0	59.19	L	0.00	45.53	0.00
10.300	1.7	16.0	81.61	L	0.00	62.78	0.00
10.400	2.9	28.2	99.12	R	0.00	76.25	0.00
10.500	3.6	35.6	108.22	L	0.00	83.25	0.00
10.600	3.8	38.0	110.64	L	0.00	85.11	0.00
10.700	3.5	35.7	105.33	L	0.00	81.02	0.00
10.800	2.8	28.6	87.79	L	0.00	67.53	0.00
10.900	1.6	16.7	53.21	L	0.00	40.93	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2
1.100	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
1.200	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.6	-424.6
1.300	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
1.400	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.0	-435.0
1.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
1.600	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.2
1.700	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
1.800	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.3
1.900	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
2.000	393.2C	343.3	-343.3	-393.2C	447.0	397.0	-289.5	-339.4
2.000	325.0C	284.1	-284.1	-325.0C	378.8	337.9	-230.3	-271.2
2.100	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
2.200	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
2.300	325.0C	284.1	-284.1	-325.0C	320.0	279.2	-289.0	-329.9
2.400	325.0C	284.1	-284.1	-325.0C	310.8	269.9	-298.3	-339.2
2.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
2.600	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
2.700	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
2.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
2.900	325.0C	284.1	-284.1	-325.0C	343.0	302.1	-266.1	-307.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0

3.000	325.0C	284.1	-284.1	-325.0C	365.0	324.1	-244.1	-285.0
3.100	325.0C	284.1	-284.1	-325.0C	342.0	301.1	-267.1	-308.0
3.200	325.0C	284.1	-284.1	-325.0C	324.2	283.3	-284.9	-325.8
3.300	325.0C	284.1	-284.1	-325.0C	311.5	270.7	-297.5	-338.4
3.400	325.0C	284.1	-284.1	-325.0C	304.1	263.2	-305.0	-345.9
3.500	325.0C	284.1	-284.1	-325.0C	301.8	260.9	-307.3	-348.2
3.600	325.0C	284.1	-284.1	-325.0C	304.8	263.9	-304.3	-345.2
3.700	325.0C	284.1	-284.1	-325.0C	313.0	272.1	-296.1	-337.0
3.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
3.900	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	325.0C	284.1	-284.1	-325.0C	368.7	327.8	-240.4	-281.3
4.100	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
4.200	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
4.300	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.3	-336.1
4.400	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
4.500	328.2C	274.8	-282.2	-328.2C	306.3	253.0	-304.1	-350.0
4.600	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
4.700	325.0C	284.1	-284.1	-325.0C	313.4	272.6	-295.6	-336.5
4.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
4.900	325.0C	284.1	-284.1	-325.0C	344.5	303.6	-264.6	-305.5
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
5.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
5.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
5.300	325.0C	284.1	-284.1	-325.0C	313.2	272.4	-295.8	-336.7
5.400	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.5
5.500	328.2C	274.8	-282.2	-328.2C	306.0	252.6	-304.4	-350.4
5.600	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
5.700	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
5.800	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
5.900	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.000	325.0C	284.1	-284.1	-325.0C	368.1	327.2	-241.0	-281.9

6.100	325.0C	284.1	-284.1	-325.0C	344.6	303.8	-264.4	-305.3
6.200	325.0C	284.1	-284.1	-325.0C	326.4	285.5	-282.7	-323.6
6.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
6.400	325.0C	284.1	-284.1	-325.0C	305.5	264.6	-303.6	-344.5
6.500	325.0C	284.1	-284.1	-325.0C	302.8	261.9	-306.3	-347.2
6.600	325.0C	284.1	-284.1	-325.0C	305.4	264.5	-303.7	-344.6
6.700	325.0C	284.1	-284.1	-325.0C	313.2	272.3	-295.9	-336.8
6.800	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
6.900	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	325.0C	284.1	-284.1	-325.0C	367.7	326.8	-241.4	-282.3
7.100	325.0C	284.1	-284.1	-325.0C	344.4	303.5	-264.7	-305.6
7.200	325.0C	284.1	-284.1	-325.0C	326.3	285.5	-282.8	-323.6
7.300	325.0C	284.1	-284.1	-325.0C	313.4	272.5	-295.7	-336.6
7.400	325.0C	284.1	-284.1	-325.0C	305.7	264.8	-303.4	-344.3
7.500	325.0C	284.1	-284.1	-325.0C	303.1	262.2	-306.0	-346.9
7.600	325.0C	284.1	-284.1	-325.0C	305.9	265.0	-303.2	-344.1
7.700	325.0C	284.1	-284.1	-325.0C	313.8	273.0	-295.2	-336.1
7.800	325.0C	284.1	-284.1	-325.0C	327.0	286.1	-282.1	-323.0
7.900	325.0C	284.1	-284.1	-325.0C	345.3	304.4	-263.8	-304.7
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.000	325.0C	284.1	-284.1	-325.0C	368.7	327.9	-240.3	-281.2
8.100	325.0C	284.1	-284.1	-325.0C	345.0	304.1	-264.1	-305.0
8.200	325.0C	284.1	-284.1	-325.0C	326.5	285.6	-282.6	-323.5
8.300	325.0C	284.1	-284.1	-325.0C	313.1	272.2	-296.0	-336.9
8.400	325.0C	274.8	-282.2	-325.0C	304.9	254.7	-302.3	-345.1
8.500	328.2C	274.8	-282.2	-328.2C	305.0	251.7	-305.4	-351.3
8.600	325.0C	274.8	-282.2	-325.0C	304.1	254.0	-303.1	-345.9
8.700	325.0C	284.1	-284.1	-325.0C	311.6	270.7	-297.5	-338.4
8.800	325.0C	284.1	-284.1	-325.0C	324.2	283.4	-284.8	-325.7
8.900	325.0C	284.1	-284.1	-325.0C	342.1	301.2	-267.0	-307.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9

9.000	325.0C	284.1	-284.1	-325.0C	365.1	324.2	-244.0	-284.9
9.100	325.0C	284.1	-284.1	-325.0C	343.1	302.2	-266.0	-306.9
9.200	325.0C	284.1	-284.1	-325.0C	326.2	285.3	-282.9	-323.8
9.300	325.0C	284.1	-284.1	-325.0C	314.6	273.7	-294.5	-335.4
9.400	325.0C	284.1	-284.1	-325.0C	308.1	267.2	-301.0	-341.9
9.500	325.0C	284.1	-284.1	-325.0C	306.8	265.9	-302.3	-343.2
9.600	325.0C	284.1	-284.1	-325.0C	310.8	270.0	-298.3	-339.1
9.700	325.0C	284.1	-284.1	-325.0C	320.1	279.2	-289.0	-329.9
9.800	325.0C	284.1	-284.1	-325.0C	334.4	293.6	-274.7	-315.5
9.900	325.0C	284.1	-284.1	-325.0C	354.0	313.1	-255.1	-296.0
10.000	325.0C	284.1	-284.1	-325.0C	378.7	337.9	-230.3	-271.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	393.2C	284.1	-284.1	-393.2C	447.0	337.9	-230.3	-339.5
10.100	393.2C	343.3	-343.3	-393.2C	417.9	367.9	-318.6	-368.5
10.200	393.2C	343.3	-343.3	-393.2C	394.1	344.1	-342.4	-392.4
10.300	393.2C	343.3	-343.3	-393.2C	375.5	325.5	-361.0	-410.9
10.400	393.2C	343.3	-343.3	-393.2C	362.2	312.2	-374.3	-424.3
10.500	393.2C	343.3	-343.3	-393.2C	354.1	304.1	-382.4	-432.3
10.600	393.2C	343.3	-343.3	-393.2C	351.4	301.5	-385.1	-435.0
10.700	393.2C	343.3	-343.3	-393.2C	354.0	304.0	-382.5	-432.4
10.800	393.2C	343.3	-343.3	-393.2C	361.8	311.9	-374.7	-424.6
10.900	393.2C	343.3	-343.3	-393.2C	374.9	324.9	-361.6	-411.5
11.000	393.2C	343.3	-343.3	-393.2C	393.2	343.3	-343.3	-393.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	7.05	64.49	6.11	73.39	0.00	244.3
1.200	4.12	33.41	3.55	37.86	0.00	142.1
1.300	3.36	22.74	2.89	25.71	0.00	115.5
1.400	3.18	17.17	2.72	19.40	0.00	109.0
1.500	3.27	13.64	2.81	15.42	0.00	112.4
1.600	3.65	11.13	3.15	12.61	0.00	126.0
1.700	4.60	9.20	3.99	10.47	0.00	159.6
1.800	6.66	7.63	5.82	8.75	0.00	232.6
1.900	13.93	6.09	12.27	7.04	0.00	243.5
2.000	33.94	3.94	30.15	4.62	0.00	157.6
2.000	28.76	3.13	25.66	3.69	0.00	125.4
2.100	16.68	4.67	14.75	5.42	0.00	186.7
2.200	7.26	6.21	6.37	7.13	0.00	248.4
2.300	4.82	7.35	4.20	8.39	0.00	168.1
2.400	3.85	8.30	3.35	9.44	0.00	133.8
2.500	3.59	8.86	3.11	10.06	0.00	124.4
2.600	3.68	8.86	3.19	10.06	0.00	127.8
2.700	4.35	8.10	3.79	9.23	0.00	151.5
2.800	5.99	7.02	5.24	8.04	0.00	209.7
2.900	12.13	5.69	10.69	6.56	0.00	227.5
3.000	24.02	4.11	21.33	4.79	0.00	164.2
3.000	24.02	4.11	21.33	4.79	0.00	164.2
3.100	11.74	5.75	10.33	6.63	0.00	230.1
3.200	5.89	7.13	5.15	8.15	0.00	205.9
3.300	4.28	8.24	3.72	9.37	0.00	148.6
3.400	3.62	9.06	3.13	10.27	0.00	125.4
3.500	3.50	9.40	3.02	10.65	0.00	121.0
3.600	3.63	8.99	3.14	10.20	0.00	125.7
3.700	4.32	8.14	3.76	9.27	0.00	150.4
3.800	6.00	7.01	5.25	8.03	0.00	209.9
3.900	12.23	5.64	10.78	6.51	0.00	225.6
4.000	28.85	4.03	25.65	4.72	0.00	161.3

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	28.85	4.03	25.65	4.72	0.00	161.3
4.100	12.31	5.65	10.85	6.52	0.00	225.8
4.200	6.02	7.01	5.27	8.03	0.00	210.7
4.300	4.34	8.13	3.78	9.26	0.00	151.0
4.400	3.64	8.96	3.16	10.17	0.00	126.3
4.500	3.56	9.28	2.94	10.69	0.00	117.7
4.600	3.64	8.96	3.15	10.17	0.00	126.2
4.700	4.33	8.13	3.77	9.26	0.00	150.7
4.800	6.00	7.02	5.25	8.03	0.00	210.0
4.900	12.23	5.65	10.78	6.53	0.00	226.2
5.000	28.82	4.05	25.61	4.74	0.00	162.1
5.000	28.82	4.05	25.61	4.74	0.00	162.1
5.100	12.23	5.66	10.78	6.53	0.00	226.2
5.200	6.00	7.02	5.25	8.04	0.00	209.9
5.300	4.33	8.14	3.76	9.26	0.00	150.6
5.400	3.64	8.97	3.15	10.18	0.00	126.1
5.500	3.56	9.29	2.94	10.70	0.00	117.6
5.600	3.64	8.97	3.15	10.18	0.00	126.1
5.700	4.33	8.14	3.77	9.27	0.00	150.6
5.800	6.00	7.02	5.25	8.04	0.00	210.1
5.900	12.25	5.66	10.79	6.53	0.00	226.2
6.000	28.81	4.05	25.61	4.74	0.00	161.9
6.000	28.81	4.05	25.61	4.74	0.00	161.9
6.100	12.23	5.65	10.78	6.52	0.00	225.9
6.200	6.00	7.01	5.25	8.03	0.00	209.9
6.300	4.33	8.13	3.76	9.26	0.00	150.5
6.400	3.64	8.96	3.15	10.17	0.00	126.0
6.500	3.52	9.35	3.05	10.59	0.00	121.8
6.600	3.64	8.97	3.15	10.17	0.00	126.0
6.700	4.33	8.14	3.76	9.26	0.00	150.4
6.800	5.99	7.03	5.24	8.04	0.00	209.7
6.900	12.22	5.66	10.77	6.53	0.00	226.4
7.000	28.64	4.06	25.45	4.74	0.00	162.3

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	28.64	4.06	25.45	4.74	0.00	162.3
7.100	12.23	5.66	10.78	6.53	0.00	226.3
7.200	6.00	7.02	5.25	8.04	0.00	209.9
7.300	4.33	8.13	3.76	9.26	0.00	150.6
7.400	3.64	8.96	3.15	10.16	0.00	126.1
7.500	3.52	9.33	3.05	10.58	0.00	121.9
7.600	3.64	8.94	3.15	10.15	0.00	126.2
7.700	4.34	8.11	3.77	9.23	0.00	150.8
7.800	6.01	6.99	5.26	8.01	0.00	210.4
7.900	12.27	5.63	10.82	6.50	0.00	225.1
8.000	28.93	4.03	25.72	4.72	0.00	161.3
8.000	28.93	4.03	25.72	4.72	0.00	161.3
8.100	12.28	5.65	10.82	6.52	0.00	226.0
8.200	6.01	7.03	5.26	8.05	0.00	210.4
8.300	4.33	8.16	3.77	9.29	0.00	150.7
8.400	3.64	8.96	3.04	10.23	0.00	121.5
8.500	3.54	9.36	2.92	10.77	0.00	116.9
8.600	3.63	9.02	3.03	10.29	0.00	121.2
8.700	4.29	8.25	3.72	9.39	0.00	148.9
8.800	5.90	7.14	5.16	8.16	0.00	206.3
8.900	11.76	5.76	10.36	6.64	0.00	230.2
9.000	24.04	4.10	21.34	4.78	0.00	163.9
9.000	24.04	4.10	21.34	4.78	0.00	163.9
9.100	12.11	5.67	10.67	6.54	0.00	226.8
9.200	5.99	7.01	5.24	8.02	0.00	209.6
9.300	4.35	8.09	3.79	9.21	0.00	151.5
9.400	3.68	8.85	3.19	10.05	0.00	127.8
9.500	3.59	8.85	3.11	10.05	0.00	124.4
9.600	3.85	8.30	3.35	9.44	0.00	133.8
9.700	4.82	7.35	4.20	8.39	0.00	168.1
9.800	7.26	6.21	6.37	7.13	0.00	248.2
9.900	16.66	4.67	14.74	5.42	0.00	186.7
10.000	28.67	3.13	25.58	3.69	0.00	125.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	33.84	3.13	25.58	4.62	0.00	125.4
10.100	13.92	6.09	12.26	7.04	0.00	243.5
10.200	6.66	7.63	5.81	8.74	0.00	232.6
10.300	4.60	9.20	3.99	10.47	0.00	159.6
10.400	3.65	11.12	3.15	12.61	0.00	126.0
10.500	3.27	13.64	2.81	15.42	0.00	112.4
10.600	3.18	17.17	2.72	19.39	0.00	109.0
10.700	3.36	22.73	2.89	25.70	0.00	115.5
10.800	4.12	33.40	3.55	37.86	0.00	142.1
10.900	7.05	64.48	6.11	73.38	0.00	244.3
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.8	7.6	25.17	0.00	19.36	0.00
1.100	0.6	5.7	21.28	0.00	16.37	0.00
1.200	0.4	3.8	17.56	0.00	13.51	0.00
1.300	0.2	1.9	14.04	0.00	10.80	0.00
1.400	0.0	-0.1	-11.02	0.00	-8.48	0.00
1.500	-0.2	-2.0	-13.44	0.00	-10.34	0.00
1.600	-0.4	-3.9	-15.72	0.00	-12.09	0.00
1.700	-0.6	-5.8	-18.55	0.00	-14.27	0.00
1.800	-0.7	-7.7	-21.67	0.00	-16.67	0.00
1.900	-0.9	-9.6	-24.61	0.00	-18.93	0.00
2.000	-1.1	-11.6	-27.30	0.00	-21.00	0.00
2.000	0.9	-11.6	26.85	0.00	20.65	0.00
2.100	0.7	8.2	23.56	0.00	18.13	0.00
2.200	0.5	6.3	20.15	0.00	15.50	0.00
2.300	0.4	4.3	16.85	0.00	12.96	0.00
2.400	0.2	2.4	14.29	0.00	10.99	0.00
2.500	0.1	0.5	11.67	0.00	8.98	0.00
2.600	-0.1	-1.5	-13.38	0.00	-10.29	0.00
2.700	-0.3	-3.4	-16.43	0.00	-12.64	0.00
2.800	-0.4	-5.3	-19.63	0.00	-15.10	0.00
2.900	-0.6	-7.2	-22.84	0.00	-17.57	0.00
3.000	-0.7	-9.1	-25.91	0.00	-19.93	0.00
3.000	0.8	9.5	25.92	0.00	19.94	0.00
3.100	0.6	7.6	22.89	0.00	17.61	0.00
3.200	0.5	5.6	19.70	0.00	15.15	0.00
3.300	0.3	3.7	16.51	0.00	12.70	0.00
3.400	0.1	1.8	13.45	0.00	10.35	0.00
3.500	0.0	-0.1	-10.98	0.00	-8.44	0.00
3.600	-0.2	-2.1	-13.45	0.00	-10.34	0.00
3.700	-0.3	-4.0	-16.49	0.00	-12.69	0.00
3.800	-0.5	-5.9	-19.69	0.00	-15.15	0.00
3.900	-0.6	-7.8	-22.90	0.00	-17.62	0.00
4.000	-0.8	-9.7	-25.96	0.00	-19.97	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-9.7	25.97	0.00	19.98	0.00
4.100	0.6	7.7	22.91	0.00	17.62	0.00
4.200	0.5	5.8	19.70	0.00	15.16	0.00
4.300	0.3	3.9	16.50	0.00	12.69	0.00
4.400	0.2	2.0	13.45	0.00	10.35	0.00
4.500	0.0	0.1	10.98	0.00	8.45	0.00
4.600	-0.2	-1.9	-13.45	0.00	-10.35	0.00
4.700	-0.3	-3.8	-16.50	0.00	-12.69	0.00
4.800	-0.5	-5.7	-19.70	0.00	-15.15	0.00
4.900	-0.6	-7.7	-22.91	0.00	-17.62	0.00
5.000	-0.8	-9.6	-25.96	0.00	-19.97	0.00
5.000	0.8	9.6	25.96	0.00	19.97	0.00
5.100	0.6	7.7	22.91	0.00	17.62	0.00
5.200	0.5	5.8	19.70	0.00	15.15	0.00
5.300	0.3	3.8	16.50	0.00	12.69	0.00
5.400	0.2	1.9	13.45	0.00	10.35	0.00
5.500	0.0	0.0	10.98	0.00	8.45	0.00
5.600	-0.2	-2.0	-13.45	0.00	-10.35	0.00
5.700	-0.3	-3.9	-16.50	0.00	-12.69	0.00
5.800	-0.5	-5.8	-19.70	0.00	-15.15	0.00
5.900	-0.6	-7.7	-22.91	0.00	-17.62	0.00
6.000	-0.8	-9.6	-25.96	0.00	-19.97	0.00
6.000	0.8	9.6	25.96	0.00	19.97	0.00
6.100	0.6	7.7	22.91	0.00	17.62	0.00
6.200	0.5	5.8	19.70	0.00	15.15	0.00
6.300	0.3	3.9	16.50	0.00	12.69	0.00
6.400	0.2	2.0	13.45	0.00	10.35	0.00
6.500	0.0	0.1	10.98	0.00	8.45	0.00
6.600	-0.2	-1.9	-13.45	0.00	-10.35	0.00
6.700	-0.3	-3.8	-16.50	0.00	-12.69	0.00
6.800	-0.5	-5.8	-19.70	0.00	-15.15	0.00
6.900	-0.6	-7.7	-22.91	0.00	-17.62	0.00
7.000	-0.8	-9.6	-25.96	0.00	-19.97	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-9.6	25.96	0.00	19.97	0.00
7.100	0.6	7.6	22.91	0.00	17.62	0.00
7.200	0.5	5.7	19.70	0.00	15.15	0.00
7.300	0.3	3.8	16.50	0.00	12.69	0.00
7.400	0.2	1.9	13.45	0.00	10.35	0.00
7.500	0.0	0.0	10.98	0.00	8.45	0.00
7.600	-0.2	-2.0	-13.45	0.00	-10.35	0.00
7.700	-0.3	-3.9	-16.50	0.00	-12.69	0.00
7.800	-0.5	-5.8	-19.70	0.00	-15.15	0.00
7.900	-0.6	-7.7	-22.91	0.00	-17.62	0.00
8.000	-0.8	-9.6	-25.97	0.00	-19.97	0.00
8.000	0.8	9.7	25.96	0.00	19.97	0.00
8.100	0.6	7.8	22.90	0.00	17.62	0.00
8.200	0.5	5.9	19.69	0.00	15.15	0.00
8.300	0.3	4.0	16.50	0.00	12.69	0.00
8.400	0.2	2.1	13.45	0.00	10.34	0.00
8.500	0.0	0.2	10.98	0.00	8.44	0.00
8.600	-0.1	-1.8	-13.45	0.00	-10.35	0.00
8.700	-0.3	-3.7	-16.51	0.00	-12.70	0.00
8.800	-0.5	-5.6	-19.70	0.00	-15.15	0.00
8.900	-0.6	-7.6	-22.89	0.00	-17.61	0.00
9.000	-0.8	-9.5	-25.92	0.00	-19.94	0.00
9.000	0.7	-9.5	25.91	0.00	19.93	0.00
9.100	0.6	7.2	22.84	0.00	17.57	0.00
9.200	0.4	5.3	19.62	0.00	15.09	0.00
9.300	0.3	3.4	16.42	0.00	12.63	0.00
9.400	0.1	1.5	13.38	0.00	10.29	0.00
9.500	-0.1	-0.5	-11.68	0.00	-8.98	0.00
9.600	-0.2	-2.4	-13.91	0.00	-10.70	0.00
9.700	-0.4	-4.3	-16.85	0.00	-12.96	0.00
9.800	-0.5	-6.2	-20.15	0.00	-15.50	0.00
9.900	-0.7	-8.2	-23.56	0.00	-18.13	0.00
10.000	-0.9	-10.1	-26.70	0.00	-20.54	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	11.6	27.30	0.00	21.00	0.00
10.100	0.9	9.6	24.61	0.00	18.93	0.00
10.200	0.7	7.7	21.67	0.00	16.67	0.00
10.300	0.6	5.8	18.55	0.00	14.27	0.00
10.400	0.4	3.9	15.72	0.00	12.09	0.00
10.500	0.2	2.0	13.44	0.00	10.34	0.00
10.600	0.0	0.1	11.02	0.00	8.48	0.00
10.700	-0.2	-1.9	-14.04	0.00	-10.80	0.00
10.800	-0.4	-3.8	-17.56	0.00	-13.51	0.00
10.900	-0.6	-5.7	-21.28	0.00	-16.37	0.00
11.000	-0.8	-7.6	-25.17	0.00	-19.36	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	184.6	-150.4	133.6
1.100	184.6	-148.3	135.7
1.200	184.6	-146.2	137.8
1.300	184.6	-144.1	139.9
1.400	184.6	-142.0	142.0
1.500	184.6	-139.9	144.1
1.600	184.6	-137.7	146.3
1.700	184.6	-135.6	148.4
1.800	184.6	-133.5	150.5
1.900	184.6	-131.4	152.6
2.000	184.6	-129.3	154.7
2.000	160.8	-129.3	112.7
2.100	160.8	-132.5	114.8
2.200	160.8	-130.5	116.9
2.300	160.8	-128.4	119.0
2.400	160.8	-126.3	121.0
2.500	160.8	-124.3	123.1
2.600	160.8	-122.1	125.2
2.700	160.8	-120.0	127.3
2.800	160.8	-118.0	129.4
2.900	160.8	-115.9	131.4
3.000	160.8	-113.8	124.4
3.000	160.8	-113.8	113.4
3.100	160.8	-131.8	115.5
3.200	160.8	-129.8	117.6
3.300	160.8	-127.7	119.6
3.400	160.8	-125.6	121.7
3.500	160.8	-123.6	123.8
3.600	160.8	-121.4	125.9
3.700	160.8	-119.4	128.0
3.800	160.8	-117.3	130.1
3.900	160.8	-115.2	132.1
4.000	160.8	-113.1	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	160.8	-113.1	113.3
4.100	160.8	-132.0	115.3
4.200	160.8	-130.0	117.4
4.300	160.8	-127.9	119.5
4.400	160.8	-125.8	121.5
4.500	160.8	-123.7	123.6
4.600	160.8	-121.6	125.7
4.700	160.8	-119.5	127.8
4.800	160.8	-117.5	129.9
4.900	160.8	-115.4	131.9
5.000	160.8	-113.3	124.5
5.000	160.8	-113.3	113.3
5.100	160.8	-132.0	115.4
5.200	160.8	-129.9	117.4
5.300	160.8	-127.8	119.5
5.400	160.8	-125.8	121.6
5.500	160.8	-123.7	123.7
5.600	160.8	-121.6	125.8
5.700	160.8	-119.5	127.9
5.800	160.8	-117.4	129.9
5.900	160.8	-115.3	132.0
6.000	160.8	-113.3	124.5
6.000	160.8	-113.3	113.3
6.100	160.8	-132.0	115.3
6.200	160.8	-129.9	117.4
6.300	160.8	-127.9	119.5
6.400	160.8	-125.8	121.6
6.500	160.8	-123.7	123.6
6.600	160.8	-121.6	125.8
6.700	160.8	-119.5	127.8
6.800	160.8	-117.4	129.9
6.900	160.8	-115.4	132.0
7.000	160.8	-113.3	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	160.8	-113.3	113.3
7.100	160.8	-131.9	115.4
7.200	160.8	-129.9	117.5
7.300	160.8	-127.8	119.5
7.400	160.8	-125.7	121.6
7.500	160.8	-123.7	123.7
7.600	160.8	-121.5	125.8
7.700	160.8	-119.5	127.9
7.800	160.8	-117.4	130.0
7.900	160.8	-115.3	132.0
8.000	160.8	-113.2	124.5
8.000	160.8	-113.2	113.1
8.100	160.8	-132.1	115.2
8.200	160.8	-130.1	117.3
8.300	160.8	-128.0	119.4
8.400	160.8	-125.9	121.4
8.500	160.8	-123.9	123.5
8.600	160.8	-121.7	125.6
8.700	160.8	-119.7	127.7
8.800	160.8	-117.6	129.8
8.900	160.8	-115.5	131.8
9.000	160.8	-113.4	124.4
9.000	160.8	-113.4	113.8
9.100	160.8	-131.4	115.9
9.200	160.8	-129.4	118.0
9.300	160.8	-127.3	120.0
9.400	160.8	-125.2	122.1
9.500	160.8	-123.2	124.2
9.600	160.8	-121.0	126.3
9.700	160.8	-119.0	128.4
9.800	160.8	-116.9	130.5
9.900	160.8	-114.8	132.5
10.000	160.8	-112.7	124.5

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	184.6	-112.7	129.3
10.100	184.6	-152.6	131.4
10.200	184.6	-150.5	133.5
10.300	184.6	-148.4	135.6
10.400	184.6	-146.3	137.7
10.500	184.6	-144.2	139.8
10.600	184.6	-142.0	142.0
10.700	184.6	-139.9	144.1
10.800	184.6	-137.8	146.2
10.900	184.6	-135.7	148.3
11.000	184.6	-133.6	142.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	71.97	5.31	0.00	212.4
1.100	39.96	6.38	0.00	255.1
1.200	25.68	7.85	0.00	314.0
1.300	17.06	9.97	0.00	398.6
1.400	12.88	12.98	0.00	515.4
1.500	10.41	17.14	0.00	416.4
1.600	8.76	23.23	0.00	350.4
1.700	7.31	34.33	0.00	292.5
1.800	6.16	59.30	0.00	246.5
1.900	5.34	151.35	0.00	213.6
2.000	4.74	293.68	0.00	189.5
2.000	4.74	4.20	0.00	168.0
2.100	41.82	4.87	0.00	194.9
2.200	27.58	5.80	0.00	232.0
2.300	19.58	7.06	0.00	282.4
2.400	14.63	8.47	0.00	338.8
2.500	11.40	10.54	0.00	421.8
2.600	9.13	13.26	0.00	365.1
2.700	7.31	17.49	0.00	292.3
2.800	6.01	24.65	0.00	240.5
2.900	5.07	37.94	0.00	203.0
3.000	4.39	43.24	0.00	175.7
3.000	4.39	4.38	0.00	175.0
3.100	41.61	5.05	0.00	201.8
3.200	27.29	5.97	0.00	238.7
3.300	19.32	7.25	0.00	290.0
3.400	14.44	9.05	0.00	362.0
3.500	11.26	11.31	0.00	450.3
3.600	9.03	14.51	0.00	361.2
3.700	7.24	19.42	0.00	289.4
3.800	5.96	27.47	0.00	238.2
3.900	5.03	42.02	0.00	201.2
4.000	4.36	55.28	0.00	174.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	4.36	4.36	0.00	174.3
4.100	41.69	5.03	0.00	201.3
4.200	27.32	5.96	0.00	238.3
4.300	19.33	7.24	0.00	289.6
4.400	14.45	9.03	0.00	361.4
4.500	11.27	11.25	0.00	450.1
4.600	9.04	14.44	0.00	361.6
4.700	7.24	19.33	0.00	289.8
4.800	5.96	27.33	0.00	238.5
4.900	5.04	41.72	0.00	201.5
5.000	4.36	51.37	0.00	174.6
5.000	4.36	4.36	0.00	174.6
5.100	41.71	5.04	0.00	201.5
5.200	27.33	5.96	0.00	238.5
5.300	19.33	7.24	0.00	289.7
5.400	14.45	9.04	0.00	361.5
5.500	11.26	11.26	0.00	450.4
5.600	9.04	14.45	0.00	361.4
5.700	7.24	19.33	0.00	289.6
5.800	5.96	27.32	0.00	238.4
5.900	5.03	41.68	0.00	201.4
6.000	4.36	51.51	0.00	174.5
6.000	4.36	4.36	0.00	174.5
6.100	41.72	5.03	0.00	201.4
6.200	27.33	5.96	0.00	238.4
6.300	19.33	7.24	0.00	289.7
6.400	14.45	9.04	0.00	361.4
6.500	11.27	11.26	0.00	450.3
6.600	9.04	14.44	0.00	361.5
6.700	7.24	19.32	0.00	289.7
6.800	5.96	27.31	0.00	238.5
6.900	5.04	41.67	0.00	201.5
7.000	4.36	51.51	0.00	174.6

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	4.36	4.36	0.00	174.6
7.100	41.62	5.04	0.00	201.5
7.200	27.28	5.96	0.00	238.5
7.300	19.31	7.24	0.00	289.8
7.400	14.44	9.04	0.00	361.6
7.500	11.26	11.26	0.00	450.3
7.600	9.03	14.45	0.00	361.4
7.700	7.24	19.33	0.00	289.6
7.800	5.96	27.33	0.00	238.4
7.900	5.03	41.73	0.00	201.4
8.000	4.36	51.57	0.00	174.5
8.000	4.36	4.36	0.00	174.3
8.100	42.02	5.03	0.00	201.2
8.200	27.47	5.95	0.00	238.2
8.300	19.42	7.24	0.00	289.4
8.400	14.51	9.03	0.00	361.2
8.500	11.31	11.25	0.00	450.0
8.600	9.05	14.44	0.00	362.0
8.700	7.25	19.32	0.00	290.0
8.800	5.97	27.31	0.00	238.7
8.900	5.05	41.65	0.00	201.8
9.000	4.38	51.52	0.00	175.0
9.000	4.38	4.39	0.00	175.0
9.100	37.94	5.07	0.00	203.0
9.200	24.64	6.01	0.00	240.5
9.300	17.49	7.31	0.00	292.4
9.400	13.26	9.13	0.00	365.1
9.500	10.55	11.39	0.00	421.9
9.600	8.70	14.63	0.00	348.1
9.700	7.06	19.56	0.00	282.3
9.800	5.80	27.54	0.00	232.0
9.900	4.87	41.72	0.00	194.9
10.000	4.22	50.99	0.00	168.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	4.22	4.74	0.00	168.9
10.100	151.11	5.34	0.00	213.7
10.200	59.27	6.16	0.00	246.5
10.300	34.32	7.31	0.00	292.6
10.400	23.23	8.76	0.00	350.4
10.500	17.14	10.40	0.00	416.2
10.600	12.98	12.88	0.00	515.4
10.700	9.97	17.06	0.00	398.6
10.800	7.85	25.67	0.00	314.0
10.900	6.38	39.96	0.00	255.1
11.000	5.31	999.00	0.00	212.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0
1.100	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
1.200	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
1.300	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
1.400	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
1.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
1.600	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
1.700	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
1.800	357.0	357.0	-357.0	-357.0	357.9	357.9	-356.1	-356.1
1.900	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
2.000	357.0	357.0	-357.0	-357.0	410.7	410.7	-303.2	-303.2
2.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
2.100	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.4	-266.5
2.200	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
2.300	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
2.400	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
2.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
2.600	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
2.700	295.5	295.5	-295.5	-295.5	285.0	285.0	-305.9	-305.9
2.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.3
2.900	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4

3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
3.100	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4
3.200	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.3	-296.3
3.300	295.5	295.5	-295.5	-295.5	282.0	282.0	-308.9	-308.9
3.400	295.5	295.5	-295.5	-295.5	274.5	274.6	-316.4	-316.4
3.500	295.5	295.5	-295.5	-295.5	272.2	272.3	-318.7	-318.7
3.600	295.5	295.5	-295.5	-295.5	275.3	275.3	-315.6	-315.7
3.700	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
3.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
3.900	295.5	295.5	-295.5	-295.5	315.4	315.5	-275.5	-275.5
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
4.100	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
4.200	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
4.300	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
4.400	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
4.500	293.5	285.8	-293.5	-285.8	271.6	264.0	-315.4	-307.7
4.600	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
4.700	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
4.800	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
4.900	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.7	-252.7
5.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.1	-276.1
5.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
5.300	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
5.400	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.0
5.500	293.5	285.8	-293.5	-285.8	271.3	263.6	-315.7	-308.0
5.600	295.5	295.5	-295.5	-295.5	276.0	276.0	-315.0	-315.0
5.700	295.5	295.5	-295.5	-295.5	283.8	283.9	-307.1	-307.1
5.800	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
5.900	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8

6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.000	295.5	295.5	-295.5	-295.5	338.5	338.5	-252.4	-252.4
6.100	295.5	295.5	-295.5	-295.5	315.1	315.1	-275.8	-275.8
6.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
6.300	295.5	295.5	-295.5	-295.5	283.8	283.8	-307.1	-307.1
6.400	295.5	295.5	-295.5	-295.5	275.9	276.0	-315.0	-315.0
6.500	295.5	295.5	-295.5	-295.5	273.2	273.3	-317.7	-317.7
6.600	295.5	295.5	-295.5	-295.5	275.9	275.9	-315.0	-315.1
6.700	295.5	295.5	-295.5	-295.5	283.7	283.7	-307.2	-307.2
6.800	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.3	-294.3
6.900	295.5	295.5	-295.5	-295.5	314.8	314.8	-276.1	-276.1
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	295.5	295.5	-295.5	-295.5	338.2	338.2	-252.8	-252.8
7.100	295.5	295.5	-295.5	-295.5	314.9	314.9	-276.0	-276.0
7.200	295.5	295.5	-295.5	-295.5	296.8	296.8	-294.1	-294.1
7.300	295.5	295.5	-295.5	-295.5	283.9	283.9	-307.0	-307.0
7.400	295.5	295.5	-295.5	-295.5	276.2	276.2	-314.8	-314.8
7.500	295.5	295.5	-295.5	-295.5	273.6	273.6	-317.3	-317.3
7.600	295.5	295.5	-295.5	-295.5	276.4	276.4	-314.6	-314.6
7.700	295.5	295.5	-295.5	-295.5	284.3	284.3	-306.6	-306.6
7.800	295.5	295.5	-295.5	-295.5	297.4	297.4	-293.5	-293.5
7.900	295.5	295.5	-295.5	-295.5	315.7	315.7	-275.2	-275.2
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.000	295.5	295.5	-295.5	-295.5	339.2	339.2	-251.7	-251.7
8.100	295.5	295.5	-295.5	-295.5	315.5	315.5	-275.4	-275.5
8.200	295.5	295.5	-295.5	-295.5	296.9	296.9	-294.0	-294.0
8.300	295.5	295.5	-295.5	-295.5	283.5	283.5	-307.4	-307.4
8.400	293.5	285.8	-293.5	-285.8	273.4	265.7	-313.6	-305.9
8.500	293.5	285.8	-293.5	-285.8	270.3	262.6	-316.7	-309.0
8.600	293.5	285.8	-293.5	-285.8	272.6	264.9	-314.4	-306.7
8.700	295.5	295.5	-295.5	-295.5	282.1	282.1	-308.9	-308.9
8.800	295.5	295.5	-295.5	-295.5	294.7	294.7	-296.2	-296.2
8.900	295.5	295.5	-295.5	-295.5	312.5	312.5	-278.4	-278.4

9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.000	295.5	295.5	-295.5	-295.5	335.5	335.5	-255.4	-255.4
9.100	295.5	295.5	-295.5	-295.5	313.5	313.5	-277.4	-277.4
9.200	295.5	295.5	-295.5	-295.5	296.7	296.7	-294.2	-294.2
9.300	295.5	295.5	-295.5	-295.5	285.1	285.1	-305.9	-305.9
9.400	295.5	295.5	-295.5	-295.5	278.6	278.6	-312.4	-312.4
9.500	295.5	295.5	-295.5	-295.5	277.3	277.3	-313.7	-313.7
9.600	295.5	295.5	-295.5	-295.5	281.3	281.3	-309.6	-309.6
9.700	295.5	295.5	-295.5	-295.5	290.5	290.5	-300.4	-300.4
9.800	295.5	295.5	-295.5	-295.5	304.9	304.9	-286.0	-286.0
9.900	295.5	295.5	-295.5	-295.5	324.5	324.5	-266.5	-266.5
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	295.5	295.5	-295.5	-295.5	349.2	349.2	-241.7	-241.7
10.100	357.0	357.0	-357.0	-357.0	381.7	381.7	-332.3	-332.3
10.200	357.0	357.0	-357.0	-357.0	357.8	357.8	-356.1	-356.1
10.300	357.0	357.0	-357.0	-357.0	339.3	339.3	-374.7	-374.7
10.400	357.0	357.0	-357.0	-357.0	325.9	325.9	-388.0	-388.0
10.500	357.0	357.0	-357.0	-357.0	317.9	317.9	-396.1	-396.1
10.600	357.0	357.0	-357.0	-357.0	315.2	315.2	-398.8	-398.8
10.700	357.0	357.0	-357.0	-357.0	317.8	317.8	-396.2	-396.2
10.800	357.0	357.0	-357.0	-357.0	325.6	325.6	-388.4	-388.4
10.900	357.0	357.0	-357.0	-357.0	338.7	338.7	-375.3	-375.3
11.000	357.0	357.0	-357.0	-357.0	357.0	357.0	-357.0	-357.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	6.36	66.93	6.36	66.93	0.00	254.6
1.200	3.71	34.63	3.71	34.63	0.00	148.4
1.300	3.02	23.55	3.02	23.55	0.00	120.7
1.400	2.85	17.78	2.85	17.78	0.00	114.0
1.500	2.94	14.13	2.94	14.13	0.00	117.5
1.600	3.29	11.53	3.29	11.53	0.00	131.5
1.700	4.16	9.55	4.16	9.55	0.00	166.3
1.800	6.05	7.94	6.05	7.94	0.00	241.9
1.900	12.73	6.35	12.73	6.35	0.00	254.0
2.000	31.19	4.13	31.19	4.13	0.00	165.0
2.000	26.52	3.29	26.52	3.29	0.00	131.5
2.100	15.29	4.88	15.29	4.88	0.00	195.0
2.200	6.62	6.47	6.62	6.47	0.00	258.7
2.300	4.37	7.64	4.37	7.64	0.00	174.9
2.400	3.48	8.62	3.49	8.62	0.00	139.4
2.500	3.24	9.19	3.24	9.19	0.00	129.7
2.600	3.33	9.20	3.33	9.20	0.00	133.2
2.700	3.94	8.42	3.94	8.42	0.00	157.8
2.800	5.45	7.31	5.45	7.31	0.00	218.1
2.900	11.09	5.93	11.09	5.93	0.00	237.2
3.000	22.08	4.30	22.08	4.30	0.00	171.9
3.000	22.08	4.30	22.08	4.30	0.00	171.9
3.100	10.72	6.00	10.72	6.00	0.00	239.9
3.200	5.35	7.41	5.35	7.41	0.00	214.1
3.300	3.87	8.56	3.87	8.56	0.00	154.9
3.400	3.27	9.39	3.27	9.39	0.00	130.8
3.500	3.16	9.75	3.16	9.75	0.00	126.2
3.600	3.28	9.33	3.28	9.33	0.00	131.1
3.700	3.92	8.46	3.92	8.46	0.00	156.6
3.800	5.45	7.30	5.45	7.30	0.00	218.2
3.900	11.19	5.88	11.19	5.88	0.00	235.3
4.000	26.54	4.22	26.54	4.22	0.00	169.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	26.54	4.22	26.54	4.22	0.00	169.0
4.100	11.25	5.89	11.25	5.89	0.00	235.5
4.200	5.48	7.30	5.48	7.30	0.00	219.1
4.300	3.93	8.44	3.93	8.44	0.00	157.3
4.400	3.29	9.30	3.29	9.30	0.00	131.7
4.500	3.16	9.63	3.07	9.40	0.00	122.8
4.600	3.29	9.30	3.29	9.30	0.00	131.6
4.700	3.92	8.45	3.92	8.45	0.00	157.0
4.800	5.46	7.30	5.46	7.30	0.00	218.3
4.900	11.18	5.90	11.18	5.90	0.00	235.9
5.000	26.50	4.24	26.50	4.24	0.00	169.8
5.000	26.50	4.24	26.50	4.24	0.00	169.8
5.100	11.18	5.90	11.18	5.90	0.00	235.9
5.200	5.46	7.30	5.46	7.30	0.00	218.2
5.300	3.92	8.45	3.92	8.45	0.00	156.8
5.400	3.29	9.31	3.29	9.31	0.00	131.5
5.500	3.16	9.64	3.07	9.40	0.00	122.7
5.600	3.29	9.31	3.29	9.31	0.00	131.5
5.700	3.92	8.45	3.92	8.45	0.00	156.9
5.800	5.46	7.30	5.46	7.30	0.00	218.4
5.900	11.20	5.90	11.20	5.90	0.00	235.9
6.000	26.50	4.24	26.50	4.24	0.00	169.6
6.000	26.50	4.24	26.50	4.24	0.00	169.6
6.100	11.18	5.89	11.18	5.89	0.00	235.6
6.200	5.45	7.30	5.45	7.30	0.00	218.2
6.300	3.92	8.44	3.92	8.44	0.00	156.8
6.400	3.29	9.30	3.29	9.30	0.00	131.4
6.500	3.18	9.69	3.18	9.69	0.00	127.1
6.600	3.29	9.30	3.29	9.30	0.00	131.4
6.700	3.92	8.45	3.92	8.45	0.00	156.7
6.800	5.45	7.31	5.45	7.31	0.00	218.1
6.900	11.17	5.90	11.17	5.90	0.00	236.1
7.000	26.34	4.25	26.34	4.25	0.00	169.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	26.34	4.25	26.34	4.25	0.00	169.9
7.100	11.18	5.90	11.18	5.90	0.00	236.1
7.200	5.45	7.30	5.45	7.30	0.00	218.2
7.300	3.92	8.45	3.92	8.45	0.00	156.8
7.400	3.29	9.29	3.29	9.29	0.00	131.5
7.500	3.18	9.68	3.18	9.68	0.00	127.2
7.600	3.29	9.28	3.29	9.28	0.00	131.6
7.700	3.93	8.42	3.93	8.42	0.00	157.1
7.800	5.47	7.28	5.47	7.28	0.00	218.8
7.900	11.22	5.87	11.23	5.87	0.00	234.8
8.000	26.61	4.22	26.61	4.22	0.00	168.9
8.000	26.61	4.22	26.61	4.22	0.00	168.9
8.100	11.23	5.89	11.23	5.89	0.00	235.7
8.200	5.47	7.31	5.47	7.31	0.00	218.7
8.300	3.92	8.47	3.92	8.47	0.00	157.0
8.400	3.26	9.29	3.17	9.06	0.00	126.8
8.500	3.14	9.71	3.05	9.47	0.00	122.0
8.600	3.25	9.35	3.16	9.12	0.00	126.4
8.700	3.88	8.57	3.88	8.57	0.00	155.2
8.800	5.36	7.42	5.36	7.42	0.00	214.6
8.900	10.75	6.00	10.75	6.00	0.00	240.0
9.000	22.09	4.29	22.09	4.29	0.00	171.5
9.000	22.09	4.29	22.09	4.29	0.00	171.5
9.100	11.07	5.91	11.07	5.91	0.00	236.5
9.200	5.45	7.29	5.45	7.29	0.00	217.9
9.300	3.94	8.40	3.94	8.40	0.00	157.8
9.400	3.33	9.18	3.33	9.18	0.00	133.2
9.500	3.24	9.19	3.24	9.19	0.00	129.7
9.600	3.48	8.61	3.48	8.61	0.00	139.4
9.700	4.37	7.64	4.37	7.64	0.00	174.9
9.800	6.62	6.46	6.62	6.46	0.00	258.5
9.900	15.27	4.88	15.27	4.88	0.00	195.0
10.000	26.44	3.29	26.44	3.29	0.00	131.5

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S01

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	26.44	3.29	26.44	3.29	0.00	131.5
10.100	12.71	6.35	12.71	6.35	0.00	254.0
10.200	6.05	7.94	6.05	7.94	0.00	241.8
10.300	4.16	9.55	4.16	9.55	0.00	166.3
10.400	3.29	11.53	3.29	11.53	0.00	131.5
10.500	2.94	14.13	2.94	14.13	0.00	117.5
10.600	2.85	17.78	2.85	17.78	0.00	114.0
10.700	3.02	23.55	3.02	23.55	0.00	120.7
10.800	3.71	34.63	3.71	34.63	0.00	148.3
10.900	6.36	66.92	6.36	66.92	0.00	254.6
11.000	999.00	999.00	999.00	999.00	0.00	999.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction SS
Year of Construction 1959
Roadway Width 32.000
Number of Spans 10

Live Load Distribution Factor 1.272

Second Live Load Dist. Factor 1.272
Comments:

Member I. D. S02 Symmetry:

Span Length:

Span 1	Span 2	Span 3	Span 4	Span 5
25.000	25.000	25.000	25.000	25.000

Span 6	Span 7	Span 8	Span 9	Span 10
25.000	25.000	25.000	25.000	25.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	25.000	1	0		0.0	0.0
2	1	25.000	2	0		0.0	0.0
3	1	25.000	2	0		0.0	0.0
4	1	25.000	2	0		0.0	0.0
5	1	25.000	2	0		0.0	0.0
6	1	25.000	2	0		0.0	0.0
7	1	25.000	2	0		0.0	0.0
8	1	25.000	2	0		0.0	0.0
9	1	25.000	2	0		0.0	0.0
10	1	25.000	1	0		0.0	0.0

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	0.000	615.0	615.0	25.000	0.0
1	P	12.500	0.0	0.0	0.000	0.1
2	W	0.000	615.0	615.0	25.000	0.0
2	P	12.500	0.0	0.0	0.000	0.1
3	W	0.000	615.0	615.0	25.000	0.0
3	P	12.500	0.0	0.0	0.000	0.1
4	W	0.000	615.0	615.0	25.000	0.0
4	P	12.500	0.0	0.0	0.000	0.1
5	W	0.000	615.0	615.0	25.000	0.0
5	P	12.500	0.0	0.0	0.000	0.1
6	W	0.000	615.0	615.0	25.000	0.0
6	P	12.500	0.0	0.0	0.000	0.1
7	W	0.000	615.0	615.0	25.000	0.0
7	P	12.500	0.0	0.0	0.000	0.1
8	W	0.000	615.0	615.0	25.000	0.0
8	P	12.500	0.0	0.0	0.000	0.1

9	W	0.000	615.0	615.0	25.000	0.0
9	P	12.500	0.0	0.0	0.000	0.1
10	W	0.000	615.0	615.0	25.000	0.0
10	P	12.500	0.0	0.0	0.000	0.1

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
1.000	21.24	19.76	0.46	0.0	0.0	33.
1.100	21.24	19.76	0.46	0.0	0.0	33.
1.200	21.24	19.76	0.46	0.0	0.0	33.
1.300	21.24	19.76	0.46	0.0	0.0	33.
1.400	21.24	19.76	0.46	0.0	0.0	33.
1.500	21.24	19.76	0.46	0.0	0.0	33.
1.600	21.24	19.76	0.46	0.0	0.0	33.
1.700	21.24	19.76	0.46	0.0	0.0	33.
1.800	21.24	19.76	0.46	0.0	0.0	33.
1.900	21.24	19.76	0.46	0.0	0.0	33.
2.000	21.24	19.76	0.46	0.0	0.0	33.
2.000	20.99	19.76	0.40	0.0	0.0	33.
2.100	20.99	19.76	0.40	0.0	0.0	33.
2.200	20.99	19.76	0.40	0.0	0.0	33.
2.300	20.99	19.76	0.40	0.0	0.0	33.
2.400	20.99	19.76	0.40	0.0	0.0	33.
2.500	20.99	19.76	0.40	0.0	0.0	33.
2.600	20.99	19.76	0.40	0.0	0.0	33.
2.700	20.99	19.76	0.40	0.0	0.0	33.
2.800	20.99	19.76	0.40	0.0	0.0	33.
2.900	20.99	19.76	0.40	0.0	0.0	33.
3.000	20.99	19.76	0.40	0.0	0.0	33.
3.000	20.99	19.76	0.40	0.0	0.0	33.
3.100	20.99	19.76	0.40	0.0	0.0	33.
3.200	20.99	19.76	0.40	0.0	0.0	33.
3.300	20.99	19.76	0.40	0.0	0.0	33.
3.400	20.99	19.76	0.40	0.0	0.0	33.
3.500	20.99	19.76	0.40	0.0	0.0	33.
3.600	20.99	19.76	0.40	0.0	0.0	33.
3.700	20.99	19.76	0.40	0.0	0.0	33.
3.800	20.99	19.76	0.40	0.0	0.0	33.
3.900	20.99	19.76	0.40	0.0	0.0	33.
4.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
4.000	20.99	19.76	0.40	0.0	0.0	33.
4.100	20.99	19.76	0.40	0.0	0.0	33.
4.200	20.99	19.76	0.40	0.0	0.0	33.
4.300	20.99	19.76	0.40	0.0	0.0	33.
4.400	20.99	19.76	0.40	0.0	0.0	33.
4.500	20.99	19.76	0.40	0.0	0.0	33.
4.600	20.99	19.76	0.40	0.0	0.0	33.
4.700	20.99	19.76	0.40	0.0	0.0	33.
4.800	20.99	19.76	0.40	0.0	0.0	33.
4.900	20.99	19.76	0.40	0.0	0.0	33.
5.000	20.99	19.76	0.40	0.0	0.0	33.
5.000	20.99	19.76	0.40	0.0	0.0	33.
5.100	20.99	19.76	0.40	0.0	0.0	33.
5.200	20.99	19.76	0.40	0.0	0.0	33.
5.300	20.99	19.76	0.40	0.0	0.0	33.
5.400	20.99	19.76	0.40	0.0	0.0	33.
5.500	20.99	19.76	0.40	0.0	0.0	33.
5.600	20.99	19.76	0.40	0.0	0.0	33.
5.700	20.99	19.76	0.40	0.0	0.0	33.
5.800	20.99	19.76	0.40	0.0	0.0	33.
5.900	20.99	19.76	0.40	0.0	0.0	33.
6.000	20.99	19.76	0.40	0.0	0.0	33.
6.000	20.99	19.76	0.40	0.0	0.0	33.
6.100	20.99	19.76	0.40	0.0	0.0	33.
6.200	20.99	19.76	0.40	0.0	0.0	33.
6.300	20.99	19.76	0.40	0.0	0.0	33.
6.400	20.99	19.76	0.40	0.0	0.0	33.
6.500	20.99	19.76	0.40	0.0	0.0	33.
6.600	20.99	19.76	0.40	0.0	0.0	33.
6.700	20.99	19.76	0.40	0.0	0.0	33.
6.800	20.99	19.76	0.40	0.0	0.0	33.
6.900	20.99	19.76	0.40	0.0	0.0	33.
7.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
7.000	20.99	19.76	0.40	0.0	0.0	33.
7.100	20.99	19.76	0.40	0.0	0.0	33.
7.200	20.99	19.76	0.40	0.0	0.0	33.
7.300	20.99	19.76	0.40	0.0	0.0	33.
7.400	20.99	19.76	0.40	0.0	0.0	33.
7.500	20.99	19.76	0.40	0.0	0.0	33.
7.600	20.99	19.76	0.40	0.0	0.0	33.
7.700	20.99	19.76	0.40	0.0	0.0	33.
7.800	20.99	19.76	0.40	0.0	0.0	33.
7.900	20.99	19.76	0.40	0.0	0.0	33.
8.000	20.99	19.76	0.40	0.0	0.0	33.
8.000	20.99	19.76	0.40	0.0	0.0	33.
8.100	20.99	19.76	0.40	0.0	0.0	33.
8.200	20.99	19.76	0.40	0.0	0.0	33.
8.300	20.99	19.76	0.40	0.0	0.0	33.
8.400	20.99	19.76	0.40	0.0	0.0	33.
8.500	20.99	19.76	0.40	0.0	0.0	33.
8.600	20.99	19.76	0.40	0.0	0.0	33.
8.700	20.99	19.76	0.40	0.0	0.0	33.
8.800	20.99	19.76	0.40	0.0	0.0	33.
8.900	20.99	19.76	0.40	0.0	0.0	33.
9.000	20.99	19.76	0.40	0.0	0.0	33.
9.000	20.99	19.76	0.40	0.0	0.0	33.
9.100	20.99	19.76	0.40	0.0	0.0	33.
9.200	20.99	19.76	0.40	0.0	0.0	33.
9.300	20.99	19.76	0.40	0.0	0.0	33.
9.400	20.99	19.76	0.40	0.0	0.0	33.
9.500	20.99	19.76	0.40	0.0	0.0	33.
9.600	20.99	19.76	0.40	0.0	0.0	33.
9.700	20.99	19.76	0.40	0.0	0.0	33.
9.800	20.99	19.76	0.40	0.0	0.0	33.
9.900	20.99	19.76	0.40	0.0	0.0	33.
10.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
10.000	21.24	19.76	0.46	0.0	0.0	33.
10.100	21.24	19.76	0.46	0.0	0.0	33.
10.200	21.24	19.76	0.46	0.0	0.0	33.
10.300	21.24	19.76	0.46	0.0	0.0	33.
10.400	21.24	19.76	0.46	0.0	0.0	33.
10.500	21.24	19.76	0.46	0.0	0.0	33.
10.600	21.24	19.76	0.46	0.0	0.0	33.
10.700	21.24	19.76	0.46	0.0	0.0	33.
10.800	21.24	19.76	0.46	0.0	0.0	33.
10.900	21.24	19.76	0.46	0.0	0.0	33.
11.000	21.24	19.76	0.46	0.0	0.0	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
1.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.100	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.200	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.300	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.400	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.500	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.600	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.700	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.800	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.900	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
2.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
2.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
4.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
7.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
10.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S02

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
10.000	21.50	21.50	10.60	10.60	1600.0	1600.0	127.0	127.0	127.0	127.0
10.100	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.200	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.300	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.400	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.500	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.600	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.700	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.800	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.900	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
11.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	74.46	L	46.51	57.28	35.77
1.200	2.8	23.1	121.14	L	79.47	93.18	61.13
1.300	3.5	28.9	142.83	L	101.42	109.87	78.01
1.400	3.7	30.8	143.13	L	110.70	110.10	85.15
1.500	3.5	28.9	134.99	L	110.27	103.84	84.83
1.600	2.8	22.8	128.16	L	98.93	98.59	76.10
1.700	1.7	12.9	110.76	L	80.07	85.20	61.59
1.800	0.1	-0.9	71.18	L	52.92	54.76	40.70
1.900	-2.0	-18.5	-69.02	L	-64.36	-53.10	-49.51
2.000	-4.5	-40.0	-115.68	L	-106.66	-88.99	-82.05
2.000	-4.5	-40.0	-115.68	L	-106.66	-88.99	-82.05
2.100	-2.6	-21.5	-75.60	R	-65.20	-58.15	-50.15
2.200	-1.0	-6.9	65.10	R	45.48	50.07	34.99
2.300	0.1	3.9	95.41	R	68.82	73.39	52.94
2.400	0.8	10.8	107.38	R	83.25	82.60	64.04
2.500	1.2	13.9	105.00	L	89.43	80.77	68.79
2.600	1.1	12.8	107.17	L	84.82	82.44	65.25
2.700	0.7	7.8	95.90	L	71.92	73.77	55.32
2.800	-0.1	-0.9	66.18	L	50.41	50.90	38.78
2.900	-1.3	-13.5	-65.66	L	-59.35	-50.51	-45.66
3.000	-2.9	-30.0	-109.54	L	-99.28	-84.26	-76.37
3.000	-2.9	-30.0	-109.54	L	-99.28	-84.26	-76.37
3.100	-1.2	-12.8	-65.31	R	-58.86	-50.24	-45.28
3.200	0.1	0.5	66.06	R	50.05	50.82	38.50
3.300	1.0	10.0	96.18	R	72.77	73.98	55.97
3.400	1.6	15.7	107.91	R	86.39	83.01	66.46
3.500	1.7	17.5	105.35	R	91.75	81.04	70.58
3.600	1.5	15.2	107.95	L	86.32	83.04	66.40
3.700	0.9	9.0	96.23	L	72.61	74.03	55.85
3.800	-0.1	-1.1	66.14	L	50.36	50.88	38.74
3.900	-1.5	-15.0	-65.64	L	-60.21	-50.49	-46.31
4.000	-3.3	-32.7	-109.67	L	-100.89	-84.36	-77.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-32.7	-109.67	L	-100.89	-84.36	-77.60
4.100	-1.6	-15.2	-65.61	R	-60.27	-50.47	-46.36
4.200	-0.2	-1.5	66.13	R	49.52	50.87	38.09
4.300	0.8	8.4	96.23	R	72.33	74.03	55.64
4.400	1.4	14.4	107.95	R	86.05	83.04	66.19
4.500	1.6	16.5	105.37	R	91.50	81.05	70.38
4.600	1.4	14.5	107.95	L	86.15	83.04	66.27
4.700	0.8	8.7	96.24	L	72.53	74.03	55.79
4.800	-0.1	-1.0	66.14	L	50.38	50.88	38.76
4.900	-1.5	-14.6	-65.63	L	-60.10	-50.49	-46.23
5.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
5.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
5.100	-1.5	-14.5	-65.63	R	-60.09	-50.49	-46.22
5.200	-0.1	-0.9	66.14	R	49.83	50.88	38.33
5.300	0.9	8.8	96.24	R	72.59	74.03	55.84
5.400	1.4	14.7	107.95	R	86.25	83.04	66.34
5.500	1.6	16.8	105.37	L	91.64	81.05	70.49
5.600	1.4	14.7	107.95	L	86.23	83.04	66.33
5.700	0.8	8.7	96.24	L	72.56	74.03	55.82
5.800	-0.1	-1.1	66.14	L	50.36	50.88	38.74
5.900	-1.5	-14.7	-65.63	L	-60.17	-50.49	-46.28
6.000	-3.3	-32.2	-109.68	R	-100.81	-84.37	-77.54
6.000	-3.3	-32.2	-109.68	R	-100.81	-84.37	-77.54
6.100	-1.5	-14.7	-65.63	R	-60.20	-50.49	-46.30
6.200	-0.1	-1.1	66.14	R	49.79	50.88	38.30
6.300	0.8	8.7	96.24	R	72.56	74.03	55.82
6.400	1.4	14.7	107.96	R	86.23	83.04	66.33
6.500	1.6	16.8	105.37	L	91.64	81.05	70.49
6.600	1.4	14.7	107.95	L	86.25	83.04	66.34
6.700	0.9	8.8	96.24	L	72.59	74.03	55.84
6.800	-0.1	-0.9	66.14	L	50.40	50.88	38.77
6.900	-1.5	-14.5	-65.63	L	-60.06	-50.49	-46.20
7.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
7.100	-1.5	-14.6	-65.63	R	-60.13	-50.49	-46.25
7.200	-0.1	-1.0	66.14	R	49.81	50.88	38.32
7.300	0.8	8.7	96.24	R	72.53	74.03	55.79
7.400	1.4	14.5	107.96	R	86.15	83.04	66.27
7.500	1.6	16.5	105.37	L	91.50	81.05	70.38
7.600	1.4	14.4	107.95	L	86.05	83.04	66.19
7.700	0.8	8.4	96.23	L	72.33	74.03	55.64
7.800	-0.2	-1.5	66.13	L	50.09	50.87	38.53
7.900	-1.6	-15.2	-65.61	L	-60.24	-50.47	-46.34
8.000	-3.3	-32.7	-109.67	R	-100.89	-84.36	-77.60
8.000	-3.3	-32.7	-109.67	R	-100.89	-84.36	-77.60
8.100	-1.5	-15.0	-65.64	R	-60.23	-50.49	-46.33
8.200	-0.1	-1.1	66.14	R	49.79	50.88	38.30
8.300	0.9	9.0	96.23	R	72.61	74.03	55.85
8.400	1.5	15.2	107.95	R	86.32	83.04	66.40
8.500	1.7	17.5	105.35	L	91.75	81.04	70.58
8.600	1.6	15.7	107.91	L	86.39	83.01	66.46
8.700	1.0	10.0	96.18	L	72.77	73.98	55.97
8.800	0.1	0.5	66.06	L	50.62	50.82	38.94
8.900	-1.2	-12.8	-65.31	L	-58.83	-50.24	-45.25
9.000	-2.9	-30.0	-109.54	R	-99.28	-84.26	-76.37
9.000	-2.9	-30.0	-109.54	R	-99.28	-84.26	-76.37
9.100	-1.3	-13.5	-65.66	R	-59.38	-50.51	-45.68
9.200	-0.1	-0.9	66.18	R	49.84	50.90	38.34
9.300	0.7	7.8	95.90	R	71.92	73.77	55.32
9.400	1.1	12.8	107.17	R	84.82	82.44	65.25
9.500	1.2	13.9	105.00	R	89.43	80.77	68.79
9.600	0.8	10.8	107.38	L	83.25	82.60	64.04
9.700	0.1	3.9	95.41	L	68.82	73.39	52.94
9.800	-1.0	-6.9	65.10	L	46.06	50.07	35.43
9.900	-2.6	-21.5	-75.60	L	-65.17	-58.15	-50.13
10.000	-4.5	-40.0	-114.96	R	-106.66	-88.43	-82.05

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-40.0	-114.96	R	-106.66	-88.43	-82.05
10.100	-2.0	-18.5	-69.02	R	-64.38	-53.10	-49.53
10.200	0.1	-0.9	71.18	R	52.92	54.76	40.70
10.300	1.7	12.9	110.76	R	80.07	85.20	61.59
10.400	2.8	22.8	128.16	R	98.93	98.59	76.10
10.500	3.5	28.9	134.99	R	110.27	103.84	84.83
10.600	3.7	30.8	143.13	R	110.70	110.10	85.15
10.700	3.5	28.9	142.83	R	101.42	109.87	78.01
10.800	2.8	23.1	121.14	R	79.47	93.18	61.13
10.900	1.6	13.5	74.46	R	46.51	57.28	35.77
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	215.8C	191.7	-191.7	-215.8C	215.8	191.7	-191.7	-215.8
1.100	215.8C	191.7	-191.7	-215.8C	206.8	182.6	-200.7	-224.9
1.200	215.8C	191.7	-191.7	-215.8C	200.3	176.1	-207.2	-231.3
1.300	215.8C	191.7	-191.7	-215.8C	196.4	172.3	-211.0	-235.2
1.400	215.8C	191.7	-191.7	-215.8C	195.1	171.0	-212.3	-236.5
1.500	215.8C	191.7	-191.7	-215.8C	196.4	172.2	-211.1	-235.2
1.600	215.8C	191.7	-191.7	-215.8C	200.5	176.3	-207.0	-231.2
1.700	215.8C	191.7	-191.7	-215.8C	207.1	182.9	-200.4	-224.5
1.800	215.8C	191.7	-191.7	-215.8C	216.3	192.1	-191.2	-215.3
1.900	215.8C	191.7	-191.7	-215.8C	228.1	203.9	-179.4	-203.5
2.000	215.8C	191.7	-191.7	-215.8C	242.5	218.3	-165.0	-189.1
2.000	180.4C	161.2	-161.2	-180.4C	207.0	187.9	-134.5	-153.7
2.100	180.4C	161.2	-161.2	-180.4C	194.8	175.6	-146.7	-165.9
2.200	180.4C	161.2	-161.2	-180.4C	185.2	166.0	-156.4	-175.6
2.300	180.4C	161.2	-161.2	-180.4C	178.0	158.8	-163.6	-182.7
2.400	180.4C	161.2	-161.2	-180.4C	173.4	154.2	-168.2	-187.3
2.500	180.4C	161.2	-161.2	-180.4C	171.4	152.2	-170.2	-189.4
2.600	180.4C	161.2	-161.2	-180.4C	172.0	152.8	-169.5	-188.7
2.700	180.4C	161.2	-161.2	-180.4C	175.3	156.1	-166.3	-185.5
2.800	180.4C	161.2	-161.2	-180.4C	181.0	161.8	-160.6	-179.8
2.900	180.4C	161.2	-161.2	-180.4C	189.3	170.1	-152.3	-171.5

3.000	180.4C	161.2	-161.2	-180.4C	200.1	181.0	-141.4	-160.6

3.000	180.4C	161.2	-161.2	-180.4C	200.1	181.0	-141.4	-160.6
3.100	180.4C	161.2	-161.2	-180.4C	188.8	169.6	-152.8	-172.0
3.200	180.4C	161.2	-161.2	-180.4C	180.0	160.8	-161.6	-180.8
3.300	180.4C	161.2	-161.2	-180.4C	173.7	154.5	-167.8	-187.0
3.400	180.4C	161.2	-161.2	-180.4C	170.0	150.8	-171.6	-190.8
3.500	180.4C	161.2	-161.2	-180.4C	168.8	149.6	-172.7	-191.9
3.600	180.4C	161.2	-161.2	-180.4C	170.4	151.2	-171.2	-190.4
3.700	180.4C	161.2	-161.2	-180.4C	174.5	155.3	-167.1	-186.3
3.800	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
3.900	180.4C	161.2	-161.2	-180.4C	190.3	171.1	-151.3	-170.5
4.000	180.4C	161.2	-161.2	-180.4C	202.0	182.8	-139.6	-158.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	180.4C	161.2	-161.2	-180.4C	202.0	182.8	-139.6	-158.8
4.100	180.4C	161.2	-161.2	-180.4C	190.4	171.2	-151.2	-170.3
4.200	180.4C	161.2	-161.2	-180.4C	181.4	162.2	-160.2	-179.4
4.300	180.4C	161.2	-161.2	-180.4C	174.9	155.7	-166.7	-185.9
4.400	180.4C	161.2	-161.2	-180.4C	170.9	151.7	-170.6	-189.8
4.500	180.4C	161.2	-161.2	-180.4C	169.5	150.3	-172.1	-191.3
4.600	180.4C	161.2	-161.2	-180.4C	170.8	151.6	-170.8	-189.9
4.700	180.4C	161.2	-161.2	-180.4C	174.7	155.5	-166.9	-186.1
4.800	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
4.900	180.4C	161.2	-161.2	-180.4C	190.0	170.8	-151.6	-170.8
5.000	180.4C	161.2	-161.2	-180.4C	201.5	182.3	-140.1	-159.3
5.000	180.4C	161.2	-161.2	-180.4C	201.5	182.3	-140.1	-159.3
5.100	180.4C	161.2	-161.2	-180.4C	190.0	170.8	-151.6	-170.8
5.200	180.4C	161.2	-161.2	-180.4C	181.0	161.8	-160.6	-179.8
5.300	180.4C	161.2	-161.2	-180.4C	174.6	155.4	-167.0	-186.2
5.400	180.4C	161.2	-161.2	-180.4C	170.7	151.5	-170.9	-190.1
5.500	180.4C	161.2	-161.2	-180.4C	169.3	150.1	-172.2	-191.4
5.600	180.4C	161.2	-161.2	-180.4C	170.7	151.5	-170.9	-190.0
5.700	180.4C	161.2	-161.2	-180.4C	174.6	155.5	-166.9	-186.1
5.800	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
5.900	180.4C	161.2	-161.2	-180.4C	190.1	170.9	-151.5	-170.7

6.000	180.4C	161.2	-161.2	-180.4C	201.7	182.5	-139.9	-159.1

6.000	180.4C	161.2	-161.2	-180.4C	201.7	182.5	-139.9	-159.1
6.100	180.4C	161.2	-161.2	-180.4C	190.1	170.9	-151.5	-170.7
6.200	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
6.300	180.4C	161.2	-161.2	-180.4C	174.6	155.5	-166.9	-186.1
6.400	180.4C	161.2	-161.2	-180.4C	170.7	151.5	-170.9	-190.0
6.500	180.4C	161.2	-161.2	-180.4C	169.3	150.1	-172.2	-191.4
6.600	180.4C	161.2	-161.2	-180.4C	170.7	151.5	-170.9	-190.1
6.700	180.4C	161.2	-161.2	-180.4C	174.6	155.4	-167.0	-186.2
6.800	180.4C	161.2	-161.2	-180.4C	181.0	161.8	-160.6	-179.8
6.900	180.4C	161.2	-161.2	-180.4C	190.0	170.8	-151.6	-170.8
7.000	180.4C	161.2	-161.2	-180.4C	201.5	182.3	-140.1	-159.3

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	180.4C	161.2	-161.2	-180.4C	201.5	182.3	-140.1	-159.3
7.100	180.4C	161.2	-161.2	-180.4C	190.0	170.8	-151.6	-170.8
7.200	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
7.300	180.4C	161.2	-161.2	-180.4C	174.7	155.5	-166.9	-186.1
7.400	180.4C	161.2	-161.2	-180.4C	170.8	151.6	-170.8	-189.9
7.500	180.4C	161.2	-161.2	-180.4C	169.5	150.3	-172.1	-191.3
7.600	180.4C	161.2	-161.2	-180.4C	170.9	151.7	-170.6	-189.8
7.700	180.4C	161.2	-161.2	-180.4C	174.9	155.7	-166.7	-185.9
7.800	180.4C	161.2	-161.2	-180.4C	181.4	162.2	-160.2	-179.4
7.900	180.4C	161.2	-161.2	-180.4C	190.4	171.2	-151.2	-170.3
8.000	180.4C	161.2	-161.2	-180.4C	202.0	182.8	-139.6	-158.8
8.000	180.4C	161.2	-161.2	-180.4C	202.0	182.8	-139.6	-158.8
8.100	180.4C	161.2	-161.2	-180.4C	190.3	171.1	-151.3	-170.5
8.200	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
8.300	180.4C	161.2	-161.2	-180.4C	174.5	155.3	-167.1	-186.3
8.400	180.4C	161.2	-161.2	-180.4C	170.4	151.2	-171.2	-190.4
8.500	180.4C	161.2	-161.2	-180.4C	168.8	149.6	-172.7	-191.9
8.600	180.4C	161.2	-161.2	-180.4C	170.0	150.8	-171.6	-190.8
8.700	180.4C	161.2	-161.2	-180.4C	173.7	154.5	-167.8	-187.0
8.800	180.4C	161.2	-161.2	-180.4C	180.0	160.8	-161.6	-180.8
8.900	180.4C	161.2	-161.2	-180.4C	188.8	169.6	-152.8	-172.0

9.000	180.4C	161.2	-161.2	-180.4C	200.1	181.0	-141.4	-160.6

9.000	180.4C	161.2	-161.2	-180.4C	200.1	181.0	-141.4	-160.6

9.100	180.4C	161.2	-161.2	-180.4C	189.3	170.1	-152.3	-171.5
9.200	180.4C	161.2	-161.2	-180.4C	181.0	161.8	-160.6	-179.8
9.300	180.4C	161.2	-161.2	-180.4C	175.3	156.1	-166.3	-185.5
9.400	180.4C	161.2	-161.2	-180.4C	172.0	152.8	-169.5	-188.7
9.500	180.4C	161.2	-161.2	-180.4C	171.4	152.2	-170.2	-189.4
9.600	180.4C	161.2	-161.2	-180.4C	173.4	154.2	-168.2	-187.3
9.700	180.4C	161.2	-161.2	-180.4C	178.0	158.8	-163.6	-182.7
9.800	180.4C	161.2	-161.2	-180.4C	185.2	166.0	-156.4	-175.6
9.900	180.4C	161.2	-161.2	-180.4C	194.8	175.6	-146.7	-165.9
10.000	180.4C	161.2	-161.2	-180.4C	207.0	187.9	-134.5	-153.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	215.8C	161.2	-161.2	-215.8C	242.5	187.9	-134.5	-189.1
10.100	215.8C	191.7	-191.7	-215.8C	228.1	203.9	-179.4	-203.5
10.200	215.8C	191.7	-191.7	-215.8C	216.3	192.1	-191.2	-215.3
10.300	215.8C	191.7	-191.7	-215.8C	207.1	182.9	-200.4	-224.5
10.400	215.8C	191.7	-191.7	-215.8C	200.5	176.3	-207.0	-231.2
10.500	215.8C	191.7	-191.7	-215.8C	196.4	172.2	-211.1	-235.2
10.600	215.8C	191.7	-191.7	-215.8C	195.1	171.0	-212.3	-236.5
10.700	215.8C	191.7	-191.7	-215.8C	196.4	172.3	-211.0	-235.2
10.800	215.8C	191.7	-191.7	-215.8C	200.3	176.1	-207.2	-231.3
10.900	215.8C	191.7	-191.7	-215.8C	206.8	182.6	-200.7	-224.9
11.000	215.8C	191.7	-191.7	-215.8C	215.8	191.7	-191.7	-215.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	2.78	28.83	2.45	32.30	HS 49.05	88.3
1.200	1.65	14.88	1.45	16.62	HS 29.08	52.3
1.300	1.38	10.11	1.21	11.26	HS 24.12	43.4
1.400	1.36	7.63	1.19	8.49	HS 23.89	43.0
1.500	1.46	6.06	1.28	6.76	HS 25.52	45.9
1.600	1.56	4.96	1.38	5.53	HS 27.51	49.5
1.700	1.87	4.11	1.65	4.61	HS 33.03	59.5
1.800	3.04	3.43	2.70	3.87	HS 53.99	97.2
1.900	8.68	2.60	7.76	2.95	HS 51.97	93.5
2.000	13.00	1.43	11.70	1.63	HS 28.52	51.3
2.000	11.10	1.16	10.07	1.33	HS 23.26	41.9
2.100	8.15	1.94	7.34	2.19	HS 38.82	69.9
2.200	2.84	2.53	2.55	2.84	HS 50.50	90.9
2.300	1.87	3.18	1.66	3.55	HS 33.29	59.9
2.400	1.62	4.11	1.44	4.58	HS 28.73	51.7
2.500	1.63	5.60	1.45	6.24	HS 28.98	52.2
2.600	1.61	5.06	1.43	5.63	HS 28.53	51.3
2.700	1.83	3.94	1.63	4.39	HS 32.55	58.6
2.800	2.73	3.15	2.44	3.53	HS 48.91	88.0
2.900	6.68	2.32	6.00	2.61	HS 46.38	83.5
3.000	9.00	1.29	8.14	1.47	HS 25.82	46.5
3.000	9.00	1.29	8.14	1.47	HS 25.82	46.5
3.100	6.53	2.34	5.87	2.63	HS 46.78	84.2
3.200	2.72	3.20	2.43	3.59	HS 48.68	87.6
3.300	1.81	4.01	1.61	4.47	HS 32.14	57.8
3.400	1.58	5.15	1.40	5.73	HS 27.95	50.3
3.500	1.60	6.92	1.42	7.69	HS 28.41	51.1
3.600	1.58	5.09	1.40	5.66	HS 28.01	50.4
3.700	1.81	3.95	1.61	4.41	HS 32.27	58.1
3.800	2.74	3.15	2.45	3.53	HS 48.96	88.1
3.900	6.82	2.31	6.13	2.60	HS 46.10	83.0
4.000	11.05	1.27	10.00	1.45	HS 25.46	45.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	11.05	1.27	10.00	1.45	HS 25.46	45.8
4.100	6.74	2.30	6.06	2.60	HS 46.08	82.9
4.200	2.74	3.15	2.45	3.52	HS 49.05	88.3
4.300	1.82	3.94	1.62	4.40	HS 32.36	58.2
4.400	1.58	5.08	1.41	5.65	HS 28.11	50.6
4.500	1.61	6.78	1.43	7.54	HS 28.53	51.4
4.600	1.58	5.08	1.40	5.65	HS 28.09	50.6
4.700	1.82	3.95	1.62	4.40	HS 32.31	58.2
4.800	2.74	3.15	2.45	3.53	HS 48.95	88.1
4.900	6.76	2.31	6.07	2.60	HS 46.18	83.1
5.000	10.85	1.28	9.81	1.45	HS 25.55	46.0
5.000	10.85	1.28	9.81	1.45	HS 25.55	46.0
5.100	6.64	2.31	5.97	2.60	HS 46.19	83.2
5.200	2.74	3.15	2.45	3.53	HS 48.93	88.1
5.300	1.81	3.95	1.62	4.41	HS 32.29	58.1
5.400	1.58	5.08	1.40	5.65	HS 28.07	50.5
5.500	1.61	6.81	1.42	7.57	HS 28.50	51.3
5.600	1.58	5.08	1.40	5.65	HS 28.07	50.5
5.700	1.82	3.95	1.62	4.40	HS 32.31	58.2
5.800	2.74	3.15	2.45	3.53	HS 48.96	88.1
5.900	6.77	2.31	6.09	2.60	HS 46.15	83.1
6.000	10.90	1.28	9.87	1.45	HS 25.51	45.9
6.000	10.90	1.28	9.87	1.45	HS 25.51	45.9
6.100	6.66	2.31	5.99	2.60	HS 46.15	83.1
6.200	2.74	3.15	2.45	3.53	HS 48.96	88.1
6.300	1.82	3.95	1.62	4.40	HS 32.31	58.2
6.400	1.58	5.08	1.40	5.65	HS 28.07	50.5
6.500	1.61	6.81	1.42	7.57	HS 28.50	51.3
6.600	1.58	5.08	1.40	5.65	HS 28.07	50.5
6.700	1.81	3.95	1.62	4.41	HS 32.29	58.1
6.800	2.74	3.15	2.45	3.53	HS 48.93	88.1
6.900	6.75	2.31	6.07	2.60	HS 46.20	83.2
7.000	10.85	1.28	9.81	1.45	HS 25.55	46.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
7.000	10.85	1.28	9.81	1.45	HS	25.55	46.0
7.100	6.64	2.31	5.97	2.60	HS	46.18	83.1
7.200	2.74	3.15	2.45	3.53	HS	48.95	88.1
7.300	1.82	3.95	1.62	4.40	HS	32.31	58.2
7.400	1.58	5.08	1.40	5.65	HS	28.09	50.6
7.500	1.61	6.78	1.43	7.54	HS	28.53	51.4
7.600	1.58	5.08	1.41	5.65	HS	28.11	50.6
7.700	1.82	3.94	1.62	4.40	HS	32.36	58.2
7.800	2.74	3.15	2.45	3.52	HS	49.05	88.3
7.900	6.86	2.30	6.17	2.60	HS	46.08	82.9
8.000	11.05	1.27	10.00	1.45	HS	25.46	45.8
8.000	11.05	1.27	10.00	1.45	HS	25.46	45.8
8.100	6.70	2.31	6.03	2.60	HS	46.10	83.0
8.200	2.74	3.15	2.45	3.53	HS	48.96	88.1
8.300	1.81	3.95	1.61	4.41	HS	32.27	58.1
8.400	1.58	5.09	1.40	5.66	HS	28.01	50.4
8.500	1.60	6.92	1.42	7.69	HS	28.41	51.1
8.600	1.58	5.15	1.40	5.73	HS	27.95	50.3
8.700	1.81	4.01	1.61	4.47	HS	32.14	57.8
8.800	2.72	3.20	2.43	3.59	HS	48.68	87.6
8.900	6.64	2.34	5.97	2.63	HS	46.78	84.2
9.000	9.00	1.29	8.14	1.47	HS	25.82	46.5
9.000	9.00	1.29	8.14	1.47	HS	25.82	46.5
9.100	6.57	2.32	5.91	2.61	HS	46.38	83.5
9.200	2.73	3.15	2.44	3.53	HS	48.91	88.0
9.300	1.83	3.94	1.63	4.39	HS	32.55	58.6
9.400	1.61	5.06	1.43	5.63	HS	28.53	51.3
9.500	1.63	5.60	1.45	6.24	HS	28.98	52.2
9.600	1.62	4.11	1.44	4.58	HS	28.73	51.7
9.700	1.87	3.18	1.66	3.55	HS	33.29	59.9
9.800	2.84	2.53	2.55	2.84	HS	50.50	90.9
9.900	8.31	1.94	7.49	2.19	HS	38.82	69.9
10.000	11.10	1.17	10.07	1.34	HS	23.40	42.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	13.00	1.17	10.07	1.64	HS 23.40	42.1
10.100	8.52	2.60	7.62	2.95	HS 51.97	93.5
10.200	3.04	3.43	2.70	3.87	HS 53.99	97.2
10.300	1.87	4.11	1.65	4.61	HS 33.03	59.5
10.400	1.56	4.96	1.38	5.53	HS 27.51	49.5
10.500	1.46	6.06	1.28	6.76	HS 25.52	45.9
10.600	1.36	7.63	1.19	8.49	HS 23.89	43.0
10.700	1.38	10.11	1.21	11.26	HS 24.12	43.4
10.800	1.65	14.88	1.45	16.62	HS 29.08	52.3
10.900	2.78	28.83	2.45	32.30	HS 49.05	88.3
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	35.63	27.51	27.41	21.16
1.100	0.6	4.6	29.78	23.60	22.91	18.15
1.200	0.4	3.1	24.23	19.88	18.64	15.29
1.300	0.2	1.5	19.04	16.39	14.65	12.61
1.400	0.0	0.0	14.31	13.14	11.01	10.11
1.500	-0.2	-1.6	-16.77	-15.50	-12.90	-11.92
1.600	-0.4	-3.2	-20.25	-18.55	-15.58	-14.27
1.700	-0.5	-4.7	-25.94	-21.53	-19.95	-16.56
1.800	-0.7	-6.3	-31.40	-24.42	-24.15	-18.78
1.900	-0.9	-7.8	-36.40	-27.15	-28.00	-20.89
2.000	-1.1	-9.4	-40.86	-29.69	-31.43	-22.84
2.000	0.8	-9.4	38.90	29.41	29.92	22.63
2.100	0.7	6.6	33.68	26.57	25.90	20.44
2.200	0.5	5.1	28.40	23.46	21.85	18.05
2.300	0.4	3.5	23.00	20.18	17.69	15.53
2.400	0.2	2.0	18.91	16.86	14.54	12.97
2.500	0.1	0.5	14.79	13.59	11.38	10.45
2.600	-0.1	-1.2	-18.64	-16.43	-14.34	-12.64
2.700	-0.2	-2.7	-22.82	-19.76	-17.55	-15.20
2.800	-0.4	-4.3	-28.19	-23.05	-21.69	-17.73
2.900	-0.6	-5.8	-33.45	-26.18	-25.73	-20.14
3.000	-0.7	-7.3	-38.37	-29.05	-29.52	-22.35
3.000	0.8	7.7	38.42	29.25	29.56	22.50
3.100	0.6	6.1	33.52	26.39	25.78	20.30
3.200	0.5	4.6	28.27	23.26	21.74	17.90
3.300	0.3	3.0	22.89	19.98	17.61	15.37
3.400	0.1	1.5	18.67	16.66	14.36	12.81
3.500	0.0	-0.1	14.60	-13.48	11.23	-10.37
3.600	-0.2	-1.7	-18.67	-16.74	-14.36	-12.88
3.700	-0.3	-3.2	-22.88	-20.07	-17.60	-15.44
3.800	-0.5	-4.8	-28.26	-23.35	-21.74	-17.96
3.900	-0.6	-6.3	-33.51	-26.48	-25.78	-20.37
4.000	-0.8	-7.9	-38.42	-29.34	-29.55	-22.57

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	38.42	29.33	29.56	22.56
4.100	0.6	6.2	33.51	26.47	25.78	20.36
4.200	0.5	4.7	28.26	23.34	21.74	17.95
4.300	0.3	3.2	22.89	20.06	17.61	15.43
4.400	0.2	1.6	18.67	16.73	14.36	12.87
4.500	0.0	0.1	14.61	13.47	11.23	10.36
4.600	-0.2	-1.6	-18.67	-16.71	-14.36	-12.85
4.700	-0.3	-3.1	-22.89	-20.03	-17.61	-15.41
4.800	-0.5	-4.7	-28.26	-23.31	-21.74	-17.93
4.900	-0.6	-6.2	-33.51	-26.44	-25.78	-20.34
5.000	-0.8	-7.7	-38.42	-29.30	-29.56	-22.54
5.000	0.8	7.7	38.42	29.31	29.56	22.55
5.100	0.6	6.2	33.51	26.45	25.78	20.35
5.200	0.5	4.7	28.26	23.33	21.74	17.94
5.300	0.3	3.1	22.89	20.05	17.61	15.42
5.400	0.2	1.6	18.67	16.72	14.36	12.86
5.500	0.0	0.1	14.61	-13.46	11.24	-10.36
5.600	-0.2	-1.6	-18.67	-16.73	-14.36	-12.87
5.700	-0.3	-3.2	-22.89	-20.05	-17.61	-15.43
5.800	-0.5	-4.7	-28.26	-23.34	-21.74	-17.95
5.900	-0.6	-6.2	-33.51	-26.46	-25.78	-20.36
6.000	-0.8	-7.8	-38.42	-29.32	-29.56	-22.56
6.000	0.8	7.8	38.42	29.32	29.56	22.56
6.100	0.6	6.2	33.51	26.46	25.78	20.36
6.200	0.5	4.7	28.26	23.34	21.74	17.95
6.300	0.3	3.2	22.89	20.05	17.61	15.43
6.400	0.2	1.6	18.67	16.73	14.36	12.87
6.500	0.0	0.1	14.61	13.46	11.24	10.36
6.600	-0.2	-1.6	-18.67	-16.72	-14.36	-12.86
6.700	-0.3	-3.1	-22.89	-20.05	-17.61	-15.42
6.800	-0.5	-4.7	-28.26	-23.33	-21.74	-17.94
6.900	-0.6	-6.2	-33.51	-26.45	-25.78	-20.35
7.000	-0.8	-7.7	-38.42	-29.31	-29.56	-22.55

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	38.42	29.30	29.56	22.54
7.100	0.6	6.2	33.51	26.44	25.78	20.34
7.200	0.5	4.7	28.26	23.31	21.74	17.93
7.300	0.3	3.1	22.89	20.03	17.61	15.41
7.400	0.2	1.6	18.67	16.71	14.36	12.85
7.500	0.0	0.1	14.61	-13.47	-11.24	-10.36
7.600	-0.2	-1.6	-18.67	-16.73	-14.36	-12.87
7.700	-0.3	-3.2	-22.89	-20.06	-17.61	-15.43
7.800	-0.5	-4.7	-28.26	-23.34	-21.74	-17.95
7.900	-0.6	-6.2	-33.51	-26.47	-25.78	-20.36
8.000	-0.8	-7.8	-38.42	-29.33	-29.56	-22.56
8.000	0.8	7.9	38.42	29.34	29.55	22.57
8.100	0.6	6.3	33.51	26.48	25.78	20.37
8.200	0.5	4.8	28.26	23.35	21.74	17.96
8.300	0.3	3.2	22.88	20.07	17.60	15.44
8.400	0.2	1.7	18.67	16.74	14.36	12.88
8.500	0.0	0.2	14.60	13.48	11.23	10.37
8.600	-0.1	-1.5	-18.67	-16.66	-14.36	-12.81
8.700	-0.3	-3.0	-22.89	-19.98	-17.61	-15.37
8.800	-0.5	-4.6	-28.27	-23.26	-21.74	-17.90
8.900	-0.6	-6.1	-33.52	-26.39	-25.78	-20.30
9.000	-0.8	-7.7	-38.42	-29.25	-29.56	-22.50
9.000	0.7	-7.7	38.37	29.05	29.52	22.35
9.100	0.6	5.8	33.45	26.18	25.73	20.14
9.200	0.4	4.3	28.19	23.05	21.69	17.73
9.300	0.2	2.7	22.82	19.76	17.55	15.20
9.400	0.1	1.2	18.64	16.43	14.34	12.64
9.500	-0.1	-0.4	-14.79	-13.59	-11.38	-10.45
9.600	-0.2	-2.0	-18.91	-16.86	-14.54	-12.97
9.700	-0.4	-3.5	-23.00	-20.18	-17.69	-15.53
9.800	-0.5	-5.1	-28.40	-23.46	-21.85	-18.05
9.900	-0.7	-6.6	-33.68	-26.57	-25.90	-20.44
10.000	-0.8	-8.1	-38.59	-29.41	-29.69	-22.63

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	40.86	29.69	31.43	22.84
10.100	0.9	7.8	36.40	27.15	28.00	20.89
10.200	0.7	6.3	31.40	24.42	24.15	18.78
10.300	0.5	4.7	25.94	21.53	19.95	16.56
10.400	0.4	3.2	20.25	18.55	15.58	14.27
10.500	0.2	1.7	16.77	15.50	12.90	11.92
10.600	0.0	0.0	-14.31	-13.14	-11.01	-10.11
10.700	-0.2	-1.5	-19.04	-16.39	-14.65	-12.61
10.800	-0.4	-3.1	-24.23	-19.88	-18.64	-15.29
10.900	-0.6	-4.6	-29.78	-23.60	-22.91	-18.15
11.000	-0.7	-6.2	-35.63	-27.51	-27.41	-21.16

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	103.3	-83.6	75.3
1.100	103.3	-82.5	76.3
1.200	103.3	-81.5	77.4
1.300	103.3	-80.5	78.4
1.400	103.3	-79.4	79.4
1.500	103.3	-78.4	80.5
1.600	103.3	-77.3	81.6
1.700	103.3	-76.3	82.6
1.800	103.3	-75.2	83.6
1.900	103.3	-74.2	84.7
2.000	103.3	-73.2	85.7
2.000	90.8	-73.2	64.4
2.100	90.8	-74.2	65.4
2.200	90.8	-73.2	66.5
2.300	90.8	-72.2	67.5
2.400	90.8	-71.2	68.5
2.500	90.8	-70.1	69.5
2.600	90.8	-69.0	70.6
2.700	90.8	-68.0	71.6
2.800	90.8	-67.0	72.6
2.900	90.8	-66.0	73.6
3.000	90.8	-65.0	70.3
3.000	90.8	-65.0	64.8
3.100	90.8	-73.9	65.8
3.200	90.8	-72.8	66.8
3.300	90.8	-71.8	67.8
3.400	90.8	-70.8	68.8
3.500	90.8	-69.8	69.9
3.600	90.8	-68.7	71.0
3.700	90.8	-67.7	72.0
3.800	90.8	-66.7	73.0
3.900	90.8	-65.6	74.0
4.000	90.8	-64.6	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	90.8	-64.6	64.7
4.100	90.8	-73.9	65.7
4.200	90.8	-72.9	66.7
4.300	90.8	-71.9	67.7
4.400	90.8	-70.9	68.7
4.500	90.8	-69.9	69.8
4.600	90.8	-68.8	70.9
4.700	90.8	-67.8	71.9
4.800	90.8	-66.8	72.9
4.900	90.8	-65.7	73.9
5.000	90.8	-64.7	70.3
5.000	90.8	-64.7	64.7
5.100	90.8	-73.9	65.7
5.200	90.8	-72.9	66.7
5.300	90.8	-71.9	67.8
5.400	90.8	-70.9	68.8
5.500	90.8	-69.9	69.8
5.600	90.8	-68.8	70.9
5.700	90.8	-67.7	71.9
5.800	90.8	-66.7	72.9
5.900	90.8	-65.7	73.9
6.000	90.8	-64.7	70.3
6.000	90.8	-64.7	64.7
6.100	90.8	-73.9	65.7
6.200	90.8	-72.9	66.7
6.300	90.8	-71.9	67.7
6.400	90.8	-70.9	68.8
6.500	90.8	-69.9	69.8
6.600	90.8	-68.8	70.9
6.700	90.8	-67.8	71.9
6.800	90.8	-66.7	72.9
6.900	90.8	-65.7	73.9
7.000	90.8	-64.7	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	90.8	-64.7	64.7
7.100	90.8	-73.9	65.7
7.200	90.8	-72.9	66.8
7.300	90.8	-71.9	67.8
7.400	90.8	-70.9	68.8
7.500	90.8	-69.8	69.8
7.600	90.8	-68.7	70.9
7.700	90.8	-67.7	71.9
7.800	90.8	-66.7	72.9
7.900	90.8	-65.7	73.9
8.000	90.8	-64.7	70.3
8.000	90.8	-64.7	64.6
8.100	90.8	-74.0	65.6
8.200	90.8	-73.0	66.7
8.300	90.8	-72.0	67.7
8.400	90.8	-71.0	68.7
8.500	90.8	-69.9	69.7
8.600	90.8	-68.8	70.8
8.700	90.8	-67.8	71.8
8.800	90.8	-66.8	72.8
8.900	90.8	-65.8	73.9
9.000	90.8	-64.8	70.3
9.000	90.8	-64.8	65.0
9.100	90.8	-73.6	66.0
9.200	90.8	-72.6	67.0
9.300	90.8	-71.6	68.0
9.400	90.8	-70.6	69.0
9.500	90.8	-69.6	70.1
9.600	90.8	-68.5	71.2
9.700	90.8	-67.5	72.2
9.800	90.8	-66.5	73.2
9.900	90.8	-65.4	74.2
10.000	90.8	-64.4	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	103.3	-64.4	73.2
10.100	103.3	-84.7	74.2
10.200	103.3	-83.6	75.2
10.300	103.3	-82.6	76.3
10.400	103.3	-81.6	77.3
10.500	103.3	-80.5	78.3
10.600	103.3	-79.4	79.4
10.700	103.3	-78.4	80.5
10.800	103.3	-77.4	81.5
10.900	103.3	-76.3	82.5
11.000	103.3	-75.3	79.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	31.32	2.11	HS 42.26	76.1
1.100	23.44	2.56	HS 51.25	92.3
1.200	12.47	3.19	HS 63.86	114.9
1.300	8.29	4.12	HS 82.32	148.2
1.400	6.22	5.55	HS 110.98	199.8
1.500	4.68	7.45	HS 93.51	168.3
1.600	3.82	10.86	HS 76.34	137.4
1.700	2.94	16.00	HS 58.80	105.8
1.800	2.40	26.56	HS 47.91	86.2
1.900	2.04	56.69	HS 40.77	73.4
2.000	1.79	119.88	HS 35.81	64.4
2.000	1.79	1.66	HS 33.12	59.6
2.100	22.26	1.94	HS 38.87	70.0
2.200	15.69	2.34	HS 46.80	84.2
2.300	10.04	2.93	HS 58.69	105.6
2.400	7.08	3.62	HS 72.45	130.4
2.500	4.82	4.70	HS 93.99	169.2
2.600	3.70	6.75	HS 74.08	133.4
2.700	2.98	9.43	HS 59.62	107.3
2.800	2.38	14.38	HS 47.54	85.6
2.900	1.97	17.50	HS 39.46	71.0
3.000	1.69	16.69	HS 33.87	61.0
3.000	1.69	1.69	HS 33.72	60.7
3.100	20.56	1.96	HS 39.26	70.7
3.200	14.65	2.36	HS 47.27	85.1
3.300	9.57	2.96	HS 59.26	106.7
3.400	6.83	3.69	HS 73.75	132.8
3.500	4.78	4.78	HS 95.58	172.1
3.600	3.68	6.90	HS 73.59	132.5
3.700	2.96	9.70	HS 59.15	106.5
3.800	2.36	14.94	HS 47.18	84.9
3.900	1.96	21.21	HS 39.18	70.5
4.000	1.68	20.44	HS 33.64	60.6

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	1.68	1.68	HS 33.64	60.6
4.100	20.82	1.96	HS 39.21	70.6
4.200	14.77	2.36	HS 47.21	85.0
4.300	9.63	2.96	HS 59.18	106.5
4.400	6.86	3.68	HS 73.64	132.5
4.500	4.78	4.78	HS 95.53	172.0
4.600	3.68	6.84	HS 73.68	132.6
4.700	2.96	9.59	HS 59.22	106.6
4.800	2.36	14.69	HS 47.24	85.0
4.900	1.96	20.67	HS 39.23	70.6
5.000	1.68	19.92	HS 33.69	60.6
5.000	1.68	1.68	HS 33.68	60.6
5.100	20.68	1.96	HS 39.22	70.6
5.200	14.70	2.36	HS 47.23	85.0
5.300	9.60	2.96	HS 59.21	106.6
5.400	6.85	3.68	HS 73.66	132.6
5.500	4.78	4.78	HS 95.57	172.0
5.600	3.68	6.85	HS 73.65	132.6
5.700	2.96	9.61	HS 59.19	106.6
5.800	2.36	14.73	HS 47.22	85.0
5.900	1.96	20.74	HS 39.22	70.6
6.000	1.68	19.99	HS 33.68	60.6
6.000	1.68	1.68	HS 33.68	60.6
6.100	20.74	1.96	HS 39.22	70.6
6.200	14.73	2.36	HS 47.22	85.0
6.300	9.61	2.96	HS 59.19	106.6
6.400	6.85	3.68	HS 73.65	132.6
6.500	4.78	4.78	HS 95.55	172.0
6.600	3.68	6.85	HS 73.66	132.6
6.700	2.96	9.60	HS 59.21	106.6
6.800	2.36	14.70	HS 47.23	85.0
6.900	1.96	20.68	HS 39.22	70.6
7.000	1.68	19.94	HS 33.68	60.6

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	1.68	1.68	HS 33.68	60.6
7.100	20.67	1.96	HS 39.23	70.6
7.200	14.69	2.36	HS 47.24	85.0
7.300	9.59	2.96	HS 59.22	106.6
7.400	6.84	3.68	HS 73.68	132.6
7.500	4.78	4.78	HS 95.59	172.1
7.600	3.68	6.86	HS 73.64	132.5
7.700	2.96	9.63	HS 59.18	106.5
7.800	2.36	14.77	HS 47.21	85.0
7.900	1.96	20.82	HS 39.21	70.6
8.000	1.68	20.06	HS 33.67	60.6
8.000	1.68	1.68	HS 33.64	60.6
8.100	21.21	1.96	HS 39.18	70.5
8.200	14.94	2.36	HS 47.18	84.9
8.300	9.70	2.96	HS 59.15	106.5
8.400	6.90	3.68	HS 73.59	132.5
8.500	4.79	4.77	HS 95.48	171.9
8.600	3.69	6.83	HS 73.75	132.8
8.700	2.96	9.57	HS 59.26	106.7
8.800	2.36	14.65	HS 47.27	85.1
8.900	1.96	20.56	HS 39.26	70.7
9.000	1.69	19.83	HS 33.72	60.7
9.000	1.69	1.69	HS 33.72	60.7
9.100	18.18	1.97	HS 39.46	71.0
9.200	14.38	2.38	HS 47.54	85.6
9.300	9.43	2.98	HS 59.62	107.3
9.400	6.75	3.70	HS 74.08	133.4
9.500	4.70	4.81	HS 94.10	169.4
9.600	3.62	7.08	HS 72.45	130.4
9.700	2.93	10.04	HS 58.69	105.6
9.800	2.34	15.69	HS 46.80	84.2
9.900	1.94	21.33	HS 38.87	70.0
10.000	1.67	20.22	HS 33.39	60.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	1.67	1.79	HS 33.39	60.1
10.100	56.69	2.04	HS 40.77	73.4
10.200	26.56	2.40	HS 47.91	86.2
10.300	16.00	2.94	HS 58.80	105.8
10.400	10.86	3.82	HS 76.34	137.4
10.500	7.46	4.67	HS 93.42	168.2
10.600	5.55	6.22	HS 110.98	199.8
10.700	4.12	8.29	HS 82.32	148.2
10.800	3.19	12.47	HS 63.86	114.9
10.900	2.56	23.44	HS 51.25	92.3
11.000	2.11	30.37	HS 42.26	76.1

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	199.3	199.3	-199.3	-199.3	199.3	199.3	-199.3	-199.3
1.100	205.3	205.3	-193.3	-193.3	190.3	190.3	-208.4	-208.4
1.200	209.7	209.7	-189.0	-189.0	183.8	183.8	-214.8	-214.8
1.300	212.2	212.2	-186.4	-186.4	179.9	179.9	-218.7	-218.7
1.400	213.1	213.1	-185.5	-185.5	178.6	178.6	-220.0	-220.0
1.500	212.3	212.3	-186.4	-186.4	179.9	179.9	-218.7	-218.7
1.600	209.6	209.6	-189.1	-189.1	184.0	184.0	-214.7	-214.7
1.700	205.1	205.1	-193.5	-193.5	190.6	190.6	-208.0	-208.0
1.800	199.0	199.0	-199.6	-199.6	199.8	199.8	-198.8	-198.8
1.900	191.1	191.1	-207.5	-207.5	211.6	211.6	-187.0	-187.0
2.000	181.5	181.5	-217.1	-217.1	226.0	226.0	-172.7	-172.7
2.000	149.9	149.9	-185.4	-185.4	194.3	194.3	-141.0	-141.0
2.100	158.0	158.0	-177.3	-177.3	182.1	182.1	-153.2	-153.2
2.200	164.5	164.5	-170.8	-170.8	172.4	172.4	-162.9	-162.9
2.300	169.2	169.2	-166.1	-166.1	165.3	165.3	-170.0	-170.0
2.400	172.3	172.3	-163.0	-163.0	160.7	160.7	-174.6	-174.6
2.500	173.7	173.7	-161.6	-161.6	158.6	158.6	-176.7	-176.7
2.600	173.2	173.2	-162.1	-162.1	159.3	159.3	-176.0	-176.0
2.700	171.1	171.1	-164.2	-164.2	162.5	162.5	-172.8	-172.8
2.800	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
2.900	161.7	161.7	-173.6	-173.6	176.6	176.6	-158.7	-158.7

3.000	154.5	154.5	-180.8	-180.8	187.4	187.4	-147.9	-147.9

3.000	154.5	154.5	-180.8	-180.8	187.4	187.4	-147.9	-147.9
3.100	162.0	162.0	-173.3	-173.3	176.1	176.1	-159.2	-159.2
3.200	167.9	167.9	-167.4	-167.4	167.3	167.3	-168.0	-168.0
3.300	172.1	172.1	-163.2	-163.2	161.0	161.0	-174.3	-174.3
3.400	174.6	174.6	-160.7	-160.7	157.3	157.3	-178.0	-178.0
3.500	175.3	175.3	-159.9	-159.9	156.1	156.1	-179.2	-179.2
3.600	174.3	174.3	-161.0	-161.0	157.6	157.6	-177.6	-177.6
3.700	171.6	171.6	-163.7	-163.7	161.7	161.7	-173.5	-173.5
3.800	167.2	167.2	-168.1	-168.1	168.4	168.4	-166.9	-166.9
3.900	161.0	161.0	-174.2	-174.2	177.5	177.5	-157.7	-157.7
4.000	153.2	153.2	-182.0	-182.0	189.3	189.3	-146.0	-146.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	153.2	153.2	-182.0	-182.0	189.3	189.3	-146.0	-146.0
4.100	161.0	161.0	-174.3	-174.3	177.7	177.7	-157.6	-157.6
4.200	167.0	167.0	-168.3	-168.3	168.6	168.6	-166.6	-166.6
4.300	171.3	171.3	-164.0	-164.0	162.1	162.1	-173.1	-173.1
4.400	173.9	173.9	-161.3	-161.3	158.2	158.2	-177.1	-177.1
4.500	174.9	174.9	-160.4	-160.4	156.8	156.8	-178.5	-178.5
4.600	174.0	174.0	-161.3	-161.3	158.1	158.1	-177.2	-177.2
4.700	171.4	171.4	-163.8	-163.8	161.9	161.9	-173.3	-173.3
4.800	167.2	167.2	-168.1	-168.1	168.3	168.3	-166.9	-166.9
4.900	161.2	161.2	-174.1	-174.1	177.3	177.3	-158.0	-158.0
5.000	153.6	153.6	-181.7	-181.7	188.7	188.7	-146.5	-146.5
5.000	153.6	153.6	-181.7	-181.7	188.7	188.7	-146.5	-146.5
5.100	161.2	161.2	-174.0	-174.0	177.2	177.2	-158.0	-158.0
5.200	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
5.300	171.5	171.5	-163.8	-163.8	161.8	161.8	-173.4	-173.4
5.400	174.1	174.1	-161.2	-161.2	157.9	157.9	-177.3	-177.3
5.500	175.0	175.0	-160.3	-160.3	156.6	156.6	-178.7	-178.7
5.600	174.1	174.1	-161.2	-161.2	158.0	158.0	-177.3	-177.3
5.700	171.5	171.5	-163.8	-163.8	161.9	161.9	-173.4	-173.4
5.800	167.2	167.2	-168.1	-168.1	168.4	168.4	-166.9	-166.9
5.900	161.2	161.2	-174.1	-174.1	177.4	177.4	-157.9	-157.9

6.000	153.5	153.5	-181.8	-181.8	188.9	188.9	-146.4	-146.4
6.000	153.5	153.5	-181.8	-181.8	188.9	188.9	-146.4	-146.4
6.100	161.2	161.2	-174.1	-174.1	177.4	177.4	-157.9	-157.9
6.200	167.2	167.2	-168.1	-168.1	168.4	168.4	-166.9	-166.9
6.300	171.5	171.5	-163.8	-163.8	161.9	161.9	-173.4	-173.4
6.400	174.1	174.1	-161.2	-161.2	158.0	158.0	-177.3	-177.3
6.500	175.0	175.0	-160.3	-160.3	156.6	156.6	-178.7	-178.7
6.600	174.1	174.1	-161.2	-161.2	157.9	157.9	-177.3	-177.3
6.700	171.5	171.5	-163.8	-163.8	161.8	161.8	-173.4	-173.4
6.800	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
6.900	161.2	161.2	-174.0	-174.0	177.2	177.2	-158.0	-158.0
7.000	153.6	153.6	-181.7	-181.7	188.7	188.7	-146.5	-146.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	153.6	153.6	-181.7	-181.7	188.7	188.7	-146.5	-146.5
7.100	161.2	161.2	-174.1	-174.1	177.3	177.3	-158.0	-158.0
7.200	167.2	167.2	-168.1	-168.1	168.3	168.3	-166.9	-166.9
7.300	171.4	171.4	-163.8	-163.8	161.9	161.9	-173.3	-173.3
7.400	174.0	174.0	-161.3	-161.3	158.1	158.1	-177.2	-177.2
7.500	174.9	174.9	-160.4	-160.4	156.8	156.8	-178.5	-178.5
7.600	173.9	173.9	-161.3	-161.3	158.2	158.2	-177.1	-177.1
7.700	171.3	171.3	-164.0	-164.0	162.1	162.1	-173.1	-173.1
7.800	167.0	167.0	-168.3	-168.3	168.6	168.6	-166.6	-166.6
7.900	161.0	161.0	-174.3	-174.3	177.7	177.7	-157.6	-157.6
8.000	153.2	153.2	-182.0	-182.0	189.3	189.3	-146.0	-146.0
8.000	153.2	153.2	-182.0	-182.0	189.3	189.3	-146.0	-146.0
8.100	161.0	161.0	-174.2	-174.2	177.5	177.5	-157.7	-157.7
8.200	167.2	167.2	-168.1	-168.1	168.4	168.4	-166.9	-166.9
8.300	171.6	171.6	-163.7	-163.7	161.7	161.7	-173.5	-173.5
8.400	174.3	174.3	-161.0	-161.0	157.6	157.6	-177.6	-177.6
8.500	175.3	175.3	-159.9	-159.9	156.1	156.1	-179.2	-179.2
8.600	174.6	174.6	-160.7	-160.7	157.3	157.3	-178.0	-178.0
8.700	172.1	172.1	-163.2	-163.2	161.0	161.0	-174.3	-174.3
8.800	167.9	167.9	-167.4	-167.4	167.3	167.3	-168.0	-168.0
8.900	162.0	162.0	-173.3	-173.3	176.1	176.1	-159.2	-159.2

9.000	154.5	154.5	-180.8	-180.8	187.4	187.4	-147.9	-147.9

9.000	154.5	154.5	-180.8	-180.8	187.4	187.4	-147.9	-147.9
9.100	161.7	161.7	-173.6	-173.6	176.6	176.6	-158.7	-158.7
9.200	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
9.300	171.1	171.1	-164.2	-164.2	162.5	162.5	-172.8	-172.8
9.400	173.2	173.2	-162.1	-162.1	159.3	159.3	-176.0	-176.0
9.500	173.7	173.7	-161.6	-161.6	158.6	158.6	-176.7	-176.7
9.600	172.3	172.3	-163.0	-163.0	160.7	160.7	-174.6	-174.6
9.700	169.2	169.2	-166.1	-166.1	165.3	165.3	-170.0	-170.0
9.800	164.5	164.5	-170.8	-170.8	172.4	172.4	-162.9	-162.9
9.900	158.0	158.0	-177.3	-177.3	182.1	182.1	-153.2	-153.2
10.000	149.9	149.9	-185.4	-185.4	194.3	194.3	-141.0	-141.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	149.9	149.9	-185.4	-185.4	194.3	194.3	-141.0	-141.0
10.100	191.1	191.1	-207.5	-207.5	211.6	211.6	-187.0	-187.0
10.200	199.0	199.0	-199.6	-199.6	199.8	199.8	-198.8	-198.8
10.300	205.1	205.1	-193.5	-193.5	190.6	190.6	-208.0	-208.0
10.400	209.6	209.6	-189.1	-189.1	184.0	184.0	-214.7	-214.7
10.500	212.3	212.3	-186.4	-186.4	179.9	179.9	-218.7	-218.7
10.600	213.1	213.1	-185.5	-185.5	178.6	178.6	-220.0	-220.0
10.700	212.2	212.2	-186.4	-186.4	179.9	179.9	-218.7	-218.7
10.800	209.7	209.7	-189.0	-189.0	183.8	183.8	-214.8	-214.8
10.900	205.3	205.3	-193.3	-193.3	190.3	190.3	-208.4	-208.4
11.000	199.3	199.3	-199.3	-199.3	199.3	199.3	-199.3	-199.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	2.56	29.93	2.56	29.93	HS 51.11	92.0
1.200	1.52	15.43	1.52	15.43	HS 30.35	54.6
1.300	1.26	10.47	1.26	10.47	HS 25.19	45.3
1.400	1.25	7.90	1.25	7.90	HS 24.96	44.9
1.500	1.33	6.28	1.33	6.28	HS 26.65	48.0
1.600	1.43	5.14	1.43	5.14	HS 28.71	51.7
1.700	1.72	4.27	1.72	4.27	HS 34.42	61.9
1.800	2.81	3.57	2.81	3.57	HS 56.14	101.1
1.900	8.05	2.71	8.05	2.71	HS 54.19	97.5
2.000	12.12	1.49	12.12	1.49	HS 29.85	53.7
2.000	10.42	1.22	10.42	1.22	HS 24.37	43.9
2.100	7.61	2.03	7.61	2.03	HS 40.53	73.0
2.200	2.65	2.63	2.65	2.63	HS 52.58	94.6
2.300	1.73	3.31	1.73	3.31	HS 34.65	62.4
2.400	1.50	4.27	1.50	4.27	HS 29.93	53.9
2.500	1.51	5.82	1.51	5.82	HS 30.21	54.4
2.600	1.49	5.25	1.49	5.25	HS 29.73	53.5
2.700	1.70	4.09	1.70	4.09	HS 33.89	61.0
2.800	2.54	3.28	2.54	3.28	HS 50.85	91.5
2.900	6.23	2.42	6.23	2.42	HS 48.34	87.0
3.000	8.43	1.35	8.43	1.35	HS 27.00	48.6
3.000	8.43	1.35	8.43	1.35	HS 27.00	48.6
3.100	6.09	2.44	6.09	2.44	HS 48.76	87.8
3.200	2.53	3.33	2.53	3.33	HS 50.63	91.1
3.300	1.67	4.16	1.67	4.16	HS 33.48	60.3
3.400	1.46	5.35	1.46	5.35	HS 29.15	52.5
3.500	1.48	7.18	1.48	7.18	HS 29.63	53.3
3.600	1.46	5.28	1.46	5.28	HS 29.21	52.6
3.700	1.68	4.11	1.68	4.11	HS 33.61	60.5
3.800	2.55	3.28	2.55	3.28	HS 50.91	91.6
3.900	6.36	2.40	6.36	2.40	HS 48.06	86.5
4.000	10.35	1.33	10.35	1.33	HS 26.63	47.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	10.35	1.33	10.35	1.33	HS 26.63	47.9
4.100	6.29	2.40	6.29	2.40	HS 48.04	86.5
4.200	2.55	3.27	2.55	3.27	HS 51.00	91.8
4.300	1.68	4.10	1.68	4.10	HS 33.70	60.7
4.400	1.47	5.27	1.47	5.27	HS 29.31	52.8
4.500	1.49	7.04	1.49	7.04	HS 29.76	53.6
4.600	1.46	5.27	1.46	5.27	HS 29.29	52.7
4.700	1.68	4.10	1.68	4.10	HS 33.65	60.6
4.800	2.55	3.28	2.55	3.28	HS 50.90	91.6
4.900	6.30	2.41	6.30	2.41	HS 48.15	86.7
5.000	10.16	1.34	10.16	1.34	HS 26.72	48.1
5.000	10.16	1.34	10.16	1.34	HS 26.72	48.1
5.100	6.20	2.41	6.20	2.41	HS 48.16	86.7
5.200	2.54	3.28	2.54	3.28	HS 50.88	91.6
5.300	1.68	4.10	1.68	4.10	HS 33.63	60.5
5.400	1.46	5.28	1.46	5.28	HS 29.26	52.7
5.500	1.49	7.06	1.49	7.06	HS 29.72	53.5
5.600	1.46	5.27	1.46	5.27	HS 29.27	52.7
5.700	1.68	4.10	1.68	4.10	HS 33.65	60.6
5.800	2.55	3.28	2.55	3.28	HS 50.91	91.6
5.900	6.32	2.41	6.32	2.41	HS 48.12	86.6
6.000	10.22	1.34	10.22	1.34	HS 26.69	48.0
6.000	10.22	1.34	10.22	1.34	HS 26.69	48.0
6.100	6.21	2.41	6.21	2.41	HS 48.12	86.6
6.200	2.55	3.28	2.55	3.28	HS 50.91	91.6
6.300	1.68	4.10	1.68	4.10	HS 33.65	60.6
6.400	1.46	5.27	1.46	5.27	HS 29.27	52.7
6.500	1.49	7.06	1.49	7.06	HS 29.72	53.5
6.600	1.46	5.28	1.46	5.28	HS 29.26	52.7
6.700	1.68	4.10	1.68	4.10	HS 33.63	60.5
6.800	2.54	3.28	2.54	3.28	HS 50.88	91.6
6.900	6.30	2.41	6.30	2.41	HS 48.16	86.7
7.000	10.16	1.34	10.16	1.34	HS 26.72	48.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	10.16	1.34	10.16	1.34	HS 26.72	48.1
7.100	6.20	2.41	6.20	2.41	HS 48.15	86.7
7.200	2.55	3.28	2.55	3.28	HS 50.90	91.6
7.300	1.68	4.10	1.68	4.10	HS 33.65	60.6
7.400	1.46	5.27	1.46	5.27	HS 29.29	52.7
7.500	1.49	7.04	1.49	7.04	HS 29.76	53.6
7.600	1.47	5.27	1.47	5.27	HS 29.31	52.8
7.700	1.68	4.10	1.68	4.10	HS 33.70	60.7
7.800	2.55	3.27	2.55	3.27	HS 51.00	91.8
7.900	6.40	2.40	6.40	2.40	HS 48.04	86.5
8.000	10.35	1.33	10.35	1.33	HS 26.63	47.9
8.000	10.35	1.33	10.35	1.33	HS 26.63	47.9
8.100	6.26	2.40	6.26	2.40	HS 48.06	86.5
8.200	2.55	3.28	2.55	3.28	HS 50.91	91.6
8.300	1.68	4.11	1.68	4.11	HS 33.61	60.5
8.400	1.46	5.28	1.46	5.28	HS 29.21	52.6
8.500	1.48	7.18	1.48	7.18	HS 29.63	53.3
8.600	1.46	5.35	1.46	5.35	HS 29.15	52.5
8.700	1.67	4.16	1.67	4.16	HS 33.48	60.3
8.800	2.53	3.33	2.53	3.33	HS 50.63	91.1
8.900	6.20	2.44	6.20	2.44	HS 48.76	87.8
9.000	8.43	1.35	8.43	1.35	HS 27.00	48.6
9.000	8.43	1.35	8.43	1.35	HS 27.00	48.6
9.100	6.13	2.42	6.13	2.42	HS 48.34	87.0
9.200	2.54	3.28	2.54	3.28	HS 50.85	91.5
9.300	1.70	4.09	1.70	4.09	HS 33.89	61.0
9.400	1.49	5.25	1.49	5.25	HS 29.73	53.5
9.500	1.51	5.82	1.51	5.82	HS 30.21	54.4
9.600	1.50	4.27	1.50	4.27	HS 29.93	53.9
9.700	1.73	3.31	1.73	3.31	HS 34.65	62.4
9.800	2.65	2.63	2.65	2.63	HS 52.58	94.6
9.900	7.77	2.03	7.77	2.03	HS 40.53	73.0
10.000	10.42	1.23	10.42	1.23	HS 24.53	44.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	10.42	1.23	10.42	1.23	HS 24.53	44.1
10.100	7.91	2.71	7.91	2.71	HS 54.19	97.5
10.200	2.81	3.57	2.81	3.57	HS 56.14	101.1
10.300	1.72	4.27	1.72	4.27	HS 34.41	61.9
10.400	1.43	5.14	1.43	5.14	HS 28.71	51.7
10.500	1.33	6.28	1.33	6.28	HS 26.65	48.0
10.600	1.25	7.90	1.25	7.90	HS 24.96	44.9
10.700	1.26	10.47	1.26	10.47	HS 25.19	45.3
10.800	1.52	15.43	1.52	15.43	HS 30.35	54.6
10.900	2.56	29.93	2.56	29.93	HS 51.11	92.0
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	74.46	L	46.51	57.28	35.77
1.200	2.8	23.1	121.14	L	79.47	93.18	61.13
1.300	3.5	28.9	142.83	L	101.42	109.87	78.01
1.400	3.7	30.8	143.13	L	110.70	110.10	85.15
1.500	3.5	28.9	134.99	L	110.27	103.84	84.83
1.600	2.8	22.8	128.16	L	98.93	98.59	76.10
1.700	1.7	12.9	110.76	L	80.07	85.20	61.59
1.800	0.1	-0.9	71.18	L	52.92	54.76	40.70
1.900	-2.0	-18.5	-69.02	L	-64.36	-53.10	-49.51
2.000	-4.5	-40.0	-115.68	L	-106.66	-88.99	-82.05
2.000	-4.5	-40.0	-115.68	L	-106.66	-88.99	-82.05
2.100	-2.6	-21.5	-75.60	R	-65.20	-58.15	-50.15
2.200	-1.0	-6.9	65.10	R	45.48	50.07	34.99
2.300	0.1	3.9	95.41	R	68.82	73.39	52.94
2.400	0.8	10.8	107.38	R	83.25	82.60	64.04
2.500	1.2	13.9	105.00	L	89.43	80.77	68.79
2.600	1.1	12.8	107.17	L	84.82	82.44	65.25
2.700	0.7	7.8	95.90	L	71.92	73.77	55.32
2.800	-0.1	-0.9	66.18	L	50.41	50.90	38.78
2.900	-1.3	-13.5	-65.66	L	-59.35	-50.51	-45.66
3.000	-2.9	-30.0	-109.54	L	-99.28	-84.26	-76.37
3.000	-2.9	-30.0	-109.54	L	-99.28	-84.26	-76.37
3.100	-1.2	-12.8	-65.31	R	-58.86	-50.24	-45.28
3.200	0.1	0.5	66.06	R	50.05	50.82	38.50
3.300	1.0	10.0	96.18	R	72.77	73.98	55.97
3.400	1.6	15.7	107.91	R	86.39	83.01	66.46
3.500	1.7	17.5	105.35	R	91.75	81.04	70.58
3.600	1.5	15.2	107.95	L	86.32	83.04	66.40
3.700	0.9	9.0	96.23	L	72.61	74.03	55.85
3.800	-0.1	-1.1	66.14	L	50.36	50.88	38.74
3.900	-1.5	-15.0	-65.64	L	-60.21	-50.49	-46.31
4.000	-3.3	-32.7	-109.67	L	-100.89	-84.36	-77.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-32.7	-109.67	L	-100.89	-84.36	-77.60
4.100	-1.6	-15.2	-65.61	R	-60.27	-50.47	-46.36
4.200	-0.2	-1.5	66.13	R	49.52	50.87	38.09
4.300	0.8	8.4	96.23	R	72.33	74.03	55.64
4.400	1.4	14.4	107.95	R	86.05	83.04	66.19
4.500	1.6	16.5	105.37	R	91.50	81.05	70.38
4.600	1.4	14.5	107.95	L	86.15	83.04	66.27
4.700	0.8	8.7	96.24	L	72.53	74.03	55.79
4.800	-0.1	-1.0	66.14	L	50.38	50.88	38.76
4.900	-1.5	-14.6	-65.63	L	-60.10	-50.49	-46.23
5.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
5.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
5.100	-1.5	-14.5	-65.63	R	-60.09	-50.49	-46.22
5.200	-0.1	-0.9	66.14	R	49.83	50.88	38.33
5.300	0.9	8.8	96.24	R	72.59	74.03	55.84
5.400	1.4	14.7	107.95	R	86.25	83.04	66.34
5.500	1.6	16.8	105.37	L	91.64	81.05	70.49
5.600	1.4	14.7	107.95	L	86.23	83.04	66.33
5.700	0.8	8.7	96.24	L	72.56	74.03	55.82
5.800	-0.1	-1.1	66.14	L	50.36	50.88	38.74
5.900	-1.5	-14.7	-65.63	L	-60.17	-50.49	-46.28
6.000	-3.3	-32.2	-109.68	R	-100.81	-84.37	-77.54
6.000	-3.3	-32.2	-109.68	R	-100.81	-84.37	-77.54
6.100	-1.5	-14.7	-65.63	R	-60.20	-50.49	-46.30
6.200	-0.1	-1.1	66.14	R	49.79	50.88	38.30
6.300	0.8	8.7	96.24	R	72.56	74.03	55.82
6.400	1.4	14.7	107.96	R	86.23	83.04	66.33
6.500	1.6	16.8	105.37	L	91.64	81.05	70.49
6.600	1.4	14.7	107.95	L	86.25	83.04	66.34
6.700	0.9	8.8	96.24	L	72.59	74.03	55.84
6.800	-0.1	-0.9	66.14	L	50.40	50.88	38.77
6.900	-1.5	-14.5	-65.63	L	-60.06	-50.49	-46.20
7.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-109.68	L	-100.68	-84.37	-77.45
7.100	-1.5	-14.6	-65.63	R	-60.13	-50.49	-46.25
7.200	-0.1	-1.0	66.14	R	49.81	50.88	38.32
7.300	0.8	8.7	96.24	R	72.53	74.03	55.79
7.400	1.4	14.5	107.96	R	86.15	83.04	66.27
7.500	1.6	16.5	105.37	L	91.50	81.05	70.38
7.600	1.4	14.4	107.95	L	86.05	83.04	66.19
7.700	0.8	8.4	96.23	L	72.33	74.03	55.64
7.800	-0.2	-1.5	66.13	L	50.09	50.87	38.53
7.900	-1.6	-15.2	-65.61	L	-60.24	-50.47	-46.34
8.000	-3.3	-32.7	-109.67	R	-100.89	-84.36	-77.60
8.000	-3.3	-32.7	-109.67	R	-100.89	-84.36	-77.60
8.100	-1.5	-15.0	-65.64	R	-60.23	-50.49	-46.33
8.200	-0.1	-1.1	66.14	R	49.79	50.88	38.30
8.300	0.9	9.0	96.23	R	72.61	74.03	55.85
8.400	1.5	15.2	107.95	R	86.32	83.04	66.40
8.500	1.7	17.5	105.35	L	91.75	81.04	70.58
8.600	1.6	15.7	107.91	L	86.39	83.01	66.46
8.700	1.0	10.0	96.18	L	72.77	73.98	55.97
8.800	0.1	0.5	66.06	L	50.62	50.82	38.94
8.900	-1.2	-12.8	-65.31	L	-58.83	-50.24	-45.25
9.000	-2.9	-30.0	-109.54	R	-99.28	-84.26	-76.37
9.000	-2.9	-30.0	-109.54	R	-99.28	-84.26	-76.37
9.100	-1.3	-13.5	-65.66	R	-59.38	-50.51	-45.68
9.200	-0.1	-0.9	66.18	R	49.84	50.90	38.34
9.300	0.7	7.8	95.90	R	71.92	73.77	55.32
9.400	1.1	12.8	107.17	R	84.82	82.44	65.25
9.500	1.2	13.9	105.00	R	89.43	80.77	68.79
9.600	0.8	10.8	107.38	L	83.25	82.60	64.04
9.700	0.1	3.9	95.41	L	68.82	73.39	52.94
9.800	-1.0	-6.9	65.10	L	46.06	50.07	35.43
9.900	-2.6	-21.5	-75.60	L	-65.17	-58.15	-50.13
10.000	-4.5	-40.0	-114.96	R	-106.66	-88.43	-82.05

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-40.0	-114.96	R	-106.66	-88.43	-82.05
10.100	-2.0	-18.5	-69.02	R	-64.38	-53.10	-49.53
10.200	0.1	-0.9	71.18	R	52.92	54.76	40.70
10.300	1.7	12.9	110.76	R	80.07	85.20	61.59
10.400	2.8	22.8	128.16	R	98.93	98.59	76.10
10.500	3.5	28.9	134.99	R	110.27	103.84	84.83
10.600	3.7	30.8	143.13	R	110.70	110.10	85.15
10.700	3.5	28.9	142.83	R	101.42	109.87	78.01
10.800	2.8	23.1	121.14	R	79.47	93.18	61.13
10.900	1.6	13.5	74.46	R	46.51	57.28	35.77
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
1.200	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
1.300	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
1.400	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
1.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
1.600	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
1.700	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
1.800	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
1.900	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
2.000	359.7C	319.4	-319.4	-359.7C	404.1	363.9	-275.0	-315.2
2.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2
2.100	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
2.200	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
2.300	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
2.400	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
2.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
2.600	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
2.700	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
2.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
2.900	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.100	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6
3.200	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
3.400	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
3.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
3.600	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
3.700	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
3.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
3.900	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
4.100	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
4.200	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
4.300	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
4.400	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
4.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
4.600	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
4.700	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
4.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
4.900	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.100	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
5.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
5.300	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
5.400	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
5.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
5.600	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
5.700	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
5.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
5.900	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2
6.100	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4
6.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
6.300	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
6.400	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
6.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
6.600	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
6.700	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
6.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
6.900	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
7.100	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
7.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
7.300	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
7.400	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
7.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
7.600	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
7.700	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
7.800	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
7.900	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.100	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
8.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
8.300	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
8.400	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
8.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
8.600	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
8.700	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
8.800	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7
9.100	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8
9.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
9.300	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
9.400	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
9.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
9.600	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
9.700	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
9.800	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
9.900	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
10.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	404.1	313.1	-224.2	-315.2
10.100	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
10.200	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
10.300	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
10.400	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
10.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
10.600	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
10.700	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
10.800	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
10.900	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	4.63	48.05	4.09	53.84	HS 81.75	147.2
1.200	2.76	24.80	2.42	27.69	HS 48.47	87.2
1.300	2.29	16.84	2.01	18.77	HS 40.20	72.4
1.400	2.27	12.71	1.99	14.16	HS 39.82	71.7
1.500	2.42	10.11	2.13	11.26	HS 42.53	76.6
1.600	2.61	8.26	2.29	9.23	HS 45.85	82.5
1.700	3.12	6.85	2.75	7.68	HS 55.05	99.1
1.800	5.06	5.72	4.50	6.44	HS 89.98	162.0
1.900	14.47	4.33	12.94	4.91	HS 86.62	155.9
2.000	21.67	2.38	19.51	2.72	HS 47.54	85.6
2.000	18.50	1.94	16.79	2.21	HS 38.76	69.8
2.100	13.58	3.23	12.24	3.66	HS 64.70	116.5
2.200	4.74	4.21	4.25	4.72	HS 84.17	151.5
2.300	3.11	5.30	2.77	5.92	HS 55.49	99.9
2.400	2.69	6.85	2.39	7.63	HS 47.88	86.2
2.500	2.72	9.34	2.41	10.39	HS 48.31	87.0
2.600	2.68	8.43	2.38	9.38	HS 47.54	85.6
2.700	3.05	6.57	2.71	7.32	HS 54.25	97.6
2.800	4.56	5.26	4.08	5.88	HS 81.51	146.7
2.900	11.14	3.87	10.01	4.35	HS 77.30	139.1
3.000	15.00	2.15	13.56	2.44	HS 43.04	77.5
3.000	15.00	2.15	13.56	2.44	HS 43.04	77.5
3.100	10.89	3.90	9.78	4.39	HS 77.97	140.3
3.200	4.54	5.34	4.06	5.98	HS 81.14	146.0
3.300	3.01	6.68	2.68	7.45	HS 53.56	96.4
3.400	2.63	8.59	2.33	9.55	HS 46.59	83.9
3.500	2.67	11.54	2.37	12.82	HS 47.35	85.2
3.600	2.63	8.49	2.33	9.44	HS 46.69	84.0
3.700	3.02	6.59	2.69	7.35	HS 53.79	96.8
3.800	4.56	5.25	4.08	5.88	HS 81.60	146.9
3.900	11.37	3.84	10.22	4.33	HS 76.83	138.3
4.000	18.42	2.12	16.67	2.41	HS 42.43	76.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.42	2.12	16.67	2.41	HS 42.43	76.4
4.100	11.24	3.84	10.10	4.33	HS 76.79	138.2
4.200	4.57	5.24	4.09	5.87	HS 81.75	147.1
4.300	3.03	6.57	2.70	7.33	HS 53.93	97.1
4.400	2.64	8.46	2.34	9.41	HS 46.85	84.3
4.500	2.68	11.31	2.38	12.57	HS 47.55	85.6
4.600	2.64	8.47	2.34	9.42	HS 46.82	84.3
4.700	3.03	6.58	2.69	7.34	HS 53.86	96.9
4.800	4.56	5.25	4.08	5.88	HS 81.59	146.9
4.900	11.26	3.85	10.12	4.34	HS 76.97	138.6
5.000	18.08	2.13	16.36	2.42	HS 42.58	76.6
5.000	18.08	2.13	16.36	2.42	HS 42.58	76.6
5.100	11.07	3.85	9.95	4.34	HS 76.99	138.6
5.200	4.56	5.26	4.08	5.88	HS 81.55	146.8
5.300	3.02	6.59	2.69	7.34	HS 53.82	96.9
5.400	2.63	8.47	2.34	9.42	HS 46.78	84.2
5.500	2.68	11.35	2.38	12.61	HS 47.50	85.5
5.600	2.64	8.47	2.34	9.42	HS 46.79	84.2
5.700	3.03	6.58	2.69	7.34	HS 53.84	96.9
5.800	4.56	5.25	4.08	5.88	HS 81.61	146.9
5.900	11.29	3.85	10.15	4.33	HS 76.92	138.5
6.000	18.18	2.13	16.45	2.42	HS 42.52	76.5
6.000	18.18	2.13	16.45	2.42	HS 42.52	76.5
6.100	11.10	3.85	9.98	4.33	HS 76.92	138.5
6.200	4.56	5.25	4.08	5.88	HS 81.60	146.9
6.300	3.03	6.58	2.69	7.34	HS 53.84	96.9
6.400	2.64	8.47	2.34	9.42	HS 46.79	84.2
6.500	2.68	11.35	2.38	12.61	HS 47.50	85.5
6.600	2.63	8.47	2.34	9.42	HS 46.78	84.2
6.700	3.02	6.59	2.69	7.34	HS 53.82	96.9
6.800	4.56	5.26	4.08	5.88	HS 81.55	146.8
6.900	11.26	3.85	10.12	4.34	HS 76.99	138.6
7.000	18.08	2.13	16.36	2.42	HS 42.58	76.6

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.08	2.13	16.36	2.42	HS 42.58	76.6
7.100	11.07	3.85	9.95	4.34	HS 76.97	138.6
7.200	4.56	5.25	4.08	5.88	HS 81.59	146.9
7.300	3.03	6.58	2.69	7.34	HS 53.86	96.9
7.400	2.64	8.47	2.34	9.42	HS 46.82	84.3
7.500	2.68	11.31	2.38	12.56	HS 47.55	85.6
7.600	2.64	8.46	2.34	9.41	HS 46.85	84.3
7.700	3.03	6.57	2.70	7.33	HS 53.93	97.1
7.800	4.57	5.24	4.09	5.87	HS 81.75	147.1
7.900	11.43	3.84	10.28	4.33	HS 76.79	138.2
8.000	18.42	2.12	16.67	2.41	HS 42.43	76.4
8.000	18.42	2.12	16.67	2.41	HS 42.43	76.4
8.100	11.18	3.84	10.05	4.33	HS 76.83	138.3
8.200	4.56	5.25	4.08	5.88	HS 81.60	146.9
8.300	3.02	6.59	2.69	7.35	HS 53.79	96.8
8.400	2.63	8.49	2.33	9.44	HS 46.69	84.0
8.500	2.67	11.54	2.37	12.82	HS 47.35	85.2
8.600	2.63	8.59	2.33	9.55	HS 46.59	83.9
8.700	3.01	6.68	2.68	7.45	HS 53.56	96.4
8.800	4.54	5.34	4.06	5.98	HS 81.14	146.0
8.900	11.07	3.90	9.95	4.39	HS 77.97	140.3
9.000	15.00	2.15	13.56	2.44	HS 43.04	77.5
9.000	15.00	2.15	13.56	2.44	HS 43.04	77.5
9.100	10.95	3.87	9.84	4.35	HS 77.30	139.1
9.200	4.56	5.26	4.08	5.88	HS 81.51	146.7
9.300	3.05	6.57	2.71	7.32	HS 54.25	97.6
9.400	2.68	8.43	2.38	9.38	HS 47.54	85.6
9.500	2.72	9.34	2.41	10.39	HS 48.31	87.0
9.600	2.69	6.85	2.39	7.63	HS 47.88	86.2
9.700	3.11	5.30	2.77	5.92	HS 55.49	99.9
9.800	4.74	4.21	4.25	4.72	HS 84.17	151.5
9.900	13.85	3.23	12.49	3.66	HS 64.70	116.5
10.000	18.50	1.95	16.79	2.23	HS 39.01	70.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	21.67	1.95	16.79	2.74	HS 39.01	70.2
10.100	14.20	4.33	12.70	4.91	HS 86.62	155.9
10.200	5.06	5.72	4.50	6.44	HS 89.98	162.0
10.300	3.12	6.85	2.75	7.68	HS 55.05	99.1
10.400	2.61	8.26	2.29	9.23	HS 45.85	82.5
10.500	2.42	10.11	2.13	11.26	HS 42.53	76.6
10.600	2.27	12.71	1.99	14.16	HS 39.82	71.7
10.700	2.29	16.84	2.01	18.77	HS 40.20	72.4
10.800	2.76	24.80	2.42	27.69	HS 48.47	87.2
10.900	4.63	48.05	4.09	53.84	HS 81.75	147.2
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	35.63	27.51	27.41	21.16
1.100	0.6	4.6	29.78	23.60	22.91	18.15
1.200	0.4	3.1	24.23	19.88	18.64	15.29
1.300	0.2	1.5	19.04	16.39	14.65	12.61
1.400	0.0	0.0	14.31	13.14	11.01	10.11
1.500	-0.2	-1.6	-16.77	-15.50	-12.90	-11.92
1.600	-0.4	-3.2	-20.25	-18.55	-15.58	-14.27
1.700	-0.5	-4.7	-25.94	-21.53	-19.95	-16.56
1.800	-0.7	-6.3	-31.40	-24.42	-24.15	-18.78
1.900	-0.9	-7.8	-36.40	-27.15	-28.00	-20.89
2.000	-1.1	-9.4	-40.86	-29.69	-31.43	-22.84
2.000	0.8	-9.4	38.90	29.41	29.92	22.63
2.100	0.7	6.6	33.68	26.57	25.90	20.44
2.200	0.5	5.1	28.40	23.46	21.85	18.05
2.300	0.4	3.5	23.00	20.18	17.69	15.53
2.400	0.2	2.0	18.91	16.86	14.54	12.97
2.500	0.1	0.5	14.79	13.59	11.38	10.45
2.600	-0.1	-1.2	-18.64	-16.43	-14.34	-12.64
2.700	-0.2	-2.7	-22.82	-19.76	-17.55	-15.20
2.800	-0.4	-4.3	-28.19	-23.05	-21.69	-17.73
2.900	-0.6	-5.8	-33.45	-26.18	-25.73	-20.14
3.000	-0.7	-7.3	-38.37	-29.05	-29.52	-22.35
3.000	0.8	7.7	38.42	29.25	29.56	22.50
3.100	0.6	6.1	33.52	26.39	25.78	20.30
3.200	0.5	4.6	28.27	23.26	21.74	17.90
3.300	0.3	3.0	22.89	19.98	17.61	15.37
3.400	0.1	1.5	18.67	16.66	14.36	12.81
3.500	0.0	-0.1	14.60	-13.48	11.23	-10.37
3.600	-0.2	-1.7	-18.67	-16.74	-14.36	-12.88
3.700	-0.3	-3.2	-22.88	-20.07	-17.60	-15.44
3.800	-0.5	-4.8	-28.26	-23.35	-21.74	-17.96
3.900	-0.6	-6.3	-33.51	-26.48	-25.78	-20.37
4.000	-0.8	-7.9	-38.42	-29.34	-29.55	-22.57

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	38.42	29.33	29.56	22.56
4.100	0.6	6.2	33.51	26.47	25.78	20.36
4.200	0.5	4.7	28.26	23.34	21.74	17.95
4.300	0.3	3.2	22.89	20.06	17.61	15.43
4.400	0.2	1.6	18.67	16.73	14.36	12.87
4.500	0.0	0.1	14.61	13.47	11.23	10.36
4.600	-0.2	-1.6	-18.67	-16.71	-14.36	-12.85
4.700	-0.3	-3.1	-22.89	-20.03	-17.61	-15.41
4.800	-0.5	-4.7	-28.26	-23.31	-21.74	-17.93
4.900	-0.6	-6.2	-33.51	-26.44	-25.78	-20.34
5.000	-0.8	-7.7	-38.42	-29.30	-29.56	-22.54
5.000	0.8	7.7	38.42	29.31	29.56	22.55
5.100	0.6	6.2	33.51	26.45	25.78	20.35
5.200	0.5	4.7	28.26	23.33	21.74	17.94
5.300	0.3	3.1	22.89	20.05	17.61	15.42
5.400	0.2	1.6	18.67	16.72	14.36	12.86
5.500	0.0	0.1	14.61	-13.46	11.24	-10.36
5.600	-0.2	-1.6	-18.67	-16.73	-14.36	-12.87
5.700	-0.3	-3.2	-22.89	-20.05	-17.61	-15.43
5.800	-0.5	-4.7	-28.26	-23.34	-21.74	-17.95
5.900	-0.6	-6.2	-33.51	-26.46	-25.78	-20.36
6.000	-0.8	-7.8	-38.42	-29.32	-29.56	-22.56
6.000	0.8	7.8	38.42	29.32	29.56	22.56
6.100	0.6	6.2	33.51	26.46	25.78	20.36
6.200	0.5	4.7	28.26	23.34	21.74	17.95
6.300	0.3	3.2	22.89	20.05	17.61	15.43
6.400	0.2	1.6	18.67	16.73	14.36	12.87
6.500	0.0	0.1	14.61	13.46	11.24	10.36
6.600	-0.2	-1.6	-18.67	-16.72	-14.36	-12.86
6.700	-0.3	-3.1	-22.89	-20.05	-17.61	-15.42
6.800	-0.5	-4.7	-28.26	-23.33	-21.74	-17.94
6.900	-0.6	-6.2	-33.51	-26.45	-25.78	-20.35
7.000	-0.8	-7.7	-38.42	-29.31	-29.56	-22.55

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	38.42	29.30	29.56	22.54
7.100	0.6	6.2	33.51	26.44	25.78	20.34
7.200	0.5	4.7	28.26	23.31	21.74	17.93
7.300	0.3	3.1	22.89	20.03	17.61	15.41
7.400	0.2	1.6	18.67	16.71	14.36	12.85
7.500	0.0	0.1	14.61	-13.47	-11.24	-10.36
7.600	-0.2	-1.6	-18.67	-16.73	-14.36	-12.87
7.700	-0.3	-3.2	-22.89	-20.06	-17.61	-15.43
7.800	-0.5	-4.7	-28.26	-23.34	-21.74	-17.95
7.900	-0.6	-6.2	-33.51	-26.47	-25.78	-20.36
8.000	-0.8	-7.8	-38.42	-29.33	-29.56	-22.56
8.000	0.8	7.9	38.42	29.34	29.55	22.57
8.100	0.6	6.3	33.51	26.48	25.78	20.37
8.200	0.5	4.8	28.26	23.35	21.74	17.96
8.300	0.3	3.2	22.88	20.07	17.60	15.44
8.400	0.2	1.7	18.67	16.74	14.36	12.88
8.500	0.0	0.2	14.60	13.48	11.23	10.37
8.600	-0.1	-1.5	-18.67	-16.66	-14.36	-12.81
8.700	-0.3	-3.0	-22.89	-19.98	-17.61	-15.37
8.800	-0.5	-4.6	-28.27	-23.26	-21.74	-17.90
8.900	-0.6	-6.1	-33.52	-26.39	-25.78	-20.30
9.000	-0.8	-7.7	-38.42	-29.25	-29.56	-22.50
9.000	0.7	-7.7	38.37	29.05	29.52	22.35
9.100	0.6	5.8	33.45	26.18	25.73	20.14
9.200	0.4	4.3	28.19	23.05	21.69	17.73
9.300	0.2	2.7	22.82	19.76	17.55	15.20
9.400	0.1	1.2	18.64	16.43	14.34	12.64
9.500	-0.1	-0.4	-14.79	-13.59	-11.38	-10.45
9.600	-0.2	-2.0	-18.91	-16.86	-14.54	-12.97
9.700	-0.4	-3.5	-23.00	-20.18	-17.69	-15.53
9.800	-0.5	-5.1	-28.40	-23.46	-21.85	-18.05
9.900	-0.7	-6.6	-33.68	-26.57	-25.90	-20.44
10.000	-0.8	-8.1	-38.59	-29.41	-29.69	-22.63

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	40.86	29.69	31.43	22.84
10.100	0.9	7.8	36.40	27.15	28.00	20.89
10.200	0.7	6.3	31.40	24.42	24.15	18.78
10.300	0.5	4.7	25.94	21.53	19.95	16.56
10.400	0.4	3.2	20.25	18.55	15.58	14.27
10.500	0.2	1.7	16.77	15.50	12.90	11.92
10.600	0.0	0.0	-14.31	-13.14	-11.01	-10.11
10.700	-0.2	-1.5	-19.04	-16.39	-14.65	-12.61
10.800	-0.4	-3.1	-24.23	-19.88	-18.64	-15.29
10.900	-0.6	-4.6	-29.78	-23.60	-22.91	-18.15
11.000	-0.7	-6.2	-35.63	-27.51	-27.41	-21.16

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-139.3	125.5
1.100	172.1	-137.5	127.2
1.200	172.1	-135.8	128.9
1.300	172.1	-134.1	130.6
1.400	172.1	-132.4	132.4
1.500	172.1	-130.7	134.1
1.600	172.1	-128.8	135.9
1.700	172.1	-127.1	137.7
1.800	172.1	-125.4	139.4
1.900	172.1	-123.6	141.1
2.000	172.1	-121.9	142.8
2.000	151.3	-121.9	107.4
2.100	151.3	-123.7	109.1
2.200	151.3	-122.0	110.8
2.300	151.3	-120.3	112.5
2.400	151.3	-118.6	114.2
2.500	151.3	-116.9	115.8
2.600	151.3	-115.1	117.7
2.700	151.3	-113.4	119.4
2.800	151.3	-111.7	121.1
2.900	151.3	-110.0	122.7
3.000	151.3	-108.3	117.1
3.000	151.3	-108.3	108.0
3.100	151.3	-123.1	109.7
3.200	151.3	-121.4	111.4
3.300	151.3	-119.7	113.0
3.400	151.3	-118.0	114.7
3.500	151.3	-116.3	116.4
3.600	151.3	-114.5	118.3
3.700	151.3	-112.8	119.9
3.800	151.3	-111.1	121.6
3.900	151.3	-109.4	123.3
4.000	151.3	-107.7	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-107.7	107.8
4.100	151.3	-123.2	109.5
4.200	151.3	-121.5	111.2
4.300	151.3	-119.9	112.9
4.400	151.3	-118.2	114.6
4.500	151.3	-116.5	116.3
4.600	151.3	-114.6	118.1
4.700	151.3	-113.0	119.8
4.800	151.3	-111.3	121.5
4.900	151.3	-109.6	123.2
5.000	151.3	-107.9	117.1
5.000	151.3	-107.9	107.9
5.100	151.3	-123.2	109.5
5.200	151.3	-121.5	111.2
5.300	151.3	-119.8	112.9
5.400	151.3	-118.1	114.6
5.500	151.3	-116.4	116.3
5.600	151.3	-114.6	118.1
5.700	151.3	-112.9	119.8
5.800	151.3	-111.2	121.5
5.900	151.3	-109.5	123.2
6.000	151.3	-107.8	117.2
6.000	151.3	-107.8	107.8
6.100	151.3	-123.2	109.5
6.200	151.3	-121.5	111.2
6.300	151.3	-119.8	112.9
6.400	151.3	-118.1	114.6
6.500	151.3	-116.4	116.3
6.600	151.3	-114.6	118.1
6.700	151.3	-112.9	119.8
6.800	151.3	-111.2	121.5
6.900	151.3	-109.5	123.2
7.000	151.3	-107.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-107.9	107.9
7.100	151.3	-123.2	109.6
7.200	151.3	-121.5	111.3
7.300	151.3	-119.8	113.0
7.400	151.3	-118.1	114.6
7.500	151.3	-116.4	116.3
7.600	151.3	-114.6	118.2
7.700	151.3	-112.9	119.9
7.800	151.3	-111.2	121.5
7.900	151.3	-109.5	123.2
8.000	151.3	-107.8	117.2
8.000	151.3	-107.8	107.7
8.100	151.3	-123.3	109.4
8.200	151.3	-121.6	111.1
8.300	151.3	-119.9	112.8
8.400	151.3	-118.3	114.5
8.500	151.3	-116.6	116.2
8.600	151.3	-114.7	118.0
8.700	151.3	-113.0	119.7
8.800	151.3	-111.4	121.4
8.900	151.3	-109.7	123.1
9.000	151.3	-108.0	117.1
9.000	151.3	-108.0	108.3
9.100	151.3	-122.7	110.0
9.200	151.3	-121.1	111.7
9.300	151.3	-119.4	113.4
9.400	151.3	-117.7	115.1
9.500	151.3	-116.0	116.8
9.600	151.3	-114.2	118.6
9.700	151.3	-112.5	120.3
9.800	151.3	-110.8	122.0
9.900	151.3	-109.1	123.7
10.000	151.3	-107.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-107.4	121.9
10.100	172.1	-141.1	123.6
10.200	172.1	-139.4	125.4
10.300	172.1	-137.7	127.1
10.400	172.1	-135.9	128.8
10.500	172.1	-134.2	130.5
10.600	172.1	-132.4	132.4
10.700	172.1	-130.6	134.1
10.800	172.1	-128.9	135.8
10.900	172.1	-127.2	137.5
11.000	172.1	-125.5	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	52.21	3.52	HS 70.43	126.8
1.100	39.06	4.27	HS 85.42	153.8
1.200	20.78	5.32	HS 106.43	191.6
1.300	13.82	6.86	HS 137.20	247.0
1.400	10.38	9.25	HS 184.96	332.9
1.500	7.79	12.42	HS 155.86	280.5
1.600	6.36	18.10	HS 127.23	229.0
1.700	4.90	26.67	HS 98.00	176.4
1.800	3.99	44.27	HS 79.85	143.7
1.900	3.40	94.49	HS 67.94	122.3
2.000	2.98	199.80	HS 59.68	107.4
2.000	2.98	2.76	HS 55.21	99.4
2.100	37.10	3.24	HS 64.78	116.6
2.200	26.15	3.90	HS 77.99	140.4
2.300	16.74	4.89	HS 97.81	176.1
2.400	11.81	6.04	HS 120.75	217.4
2.500	8.03	7.83	HS 156.65	282.0
2.600	6.17	11.24	HS 123.47	222.3
2.700	4.97	15.72	HS 99.36	178.9
2.800	3.96	23.97	HS 79.23	142.6
2.900	3.29	29.16	HS 65.77	118.4
3.000	2.82	27.82	HS 56.45	101.6
3.000	2.82	2.81	HS 56.20	101.2
3.100	34.26	3.27	HS 65.44	117.8
3.200	24.41	3.94	HS 78.78	141.8
3.300	15.95	4.94	HS 98.76	177.8
3.400	11.38	6.15	HS 122.92	221.3
3.500	7.97	7.97	HS 159.31	286.8
3.600	6.13	11.50	HS 122.64	220.8
3.700	4.93	16.17	HS 98.58	177.4
3.800	3.93	24.90	HS 78.63	141.5
3.900	3.27	35.35	HS 65.30	117.5
4.000	2.80	34.06	HS 56.07	100.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	2.80	2.81	HS 56.07	100.9
4.100	34.69	3.27	HS 65.35	117.6
4.200	24.62	3.93	HS 78.68	141.6
4.300	16.05	4.93	HS 98.64	177.5
4.400	11.44	6.14	HS 122.73	220.9
4.500	7.97	7.96	HS 159.22	286.6
4.600	6.14	11.40	HS 122.80	221.0
4.700	4.93	15.99	HS 98.70	177.7
4.800	3.94	24.48	HS 78.73	141.7
4.900	3.27	34.44	HS 65.39	117.7
5.000	2.81	33.21	HS 56.15	101.1
5.000	2.81	2.81	HS 56.14	101.0
5.100	34.47	3.27	HS 65.37	117.7
5.200	24.50	3.94	HS 78.71	141.7
5.300	16.00	4.93	HS 98.68	177.6
5.400	11.41	6.14	HS 122.77	221.0
5.500	7.97	7.96	HS 159.28	286.7
5.600	6.14	11.42	HS 122.75	220.9
5.700	4.93	16.02	HS 98.66	177.6
5.800	3.93	24.55	HS 78.70	141.7
5.900	3.27	34.56	HS 65.36	117.6
6.000	2.81	33.31	HS 56.13	101.0
6.000	2.81	2.81	HS 56.13	101.0
6.100	34.56	3.27	HS 65.36	117.6
6.200	24.55	3.93	HS 78.70	141.7
6.300	16.02	4.93	HS 98.66	177.6
6.400	11.42	6.14	HS 122.75	220.9
6.500	7.97	7.96	HS 159.25	286.6
6.600	6.14	11.41	HS 122.77	221.0
6.700	4.93	16.00	HS 98.68	177.6
6.800	3.94	24.50	HS 78.71	141.7
6.900	3.27	34.47	HS 65.37	117.7
7.000	2.81	33.23	HS 56.14	101.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	2.81	2.81	HS 56.14	101.0
7.100	34.44	3.27	HS 65.39	117.7
7.200	24.48	3.94	HS 78.73	141.7
7.300	15.99	4.93	HS 98.70	177.7
7.400	11.40	6.14	HS 122.80	221.0
7.500	7.97	7.97	HS 159.31	286.8
7.600	6.14	11.44	HS 122.73	220.9
7.700	4.93	16.05	HS 98.64	177.5
7.800	3.93	24.62	HS 78.68	141.6
7.900	3.27	34.69	HS 65.35	117.6
8.000	2.81	33.44	HS 56.11	101.0
8.000	2.81	2.80	HS 56.07	100.9
8.100	35.35	3.27	HS 65.30	117.5
8.200	24.90	3.93	HS 78.63	141.5
8.300	16.17	4.93	HS 98.58	177.4
8.400	11.50	6.13	HS 122.64	220.8
8.500	7.98	7.96	HS 159.13	286.4
8.600	6.15	11.38	HS 122.92	221.3
8.700	4.94	15.95	HS 98.76	177.8
8.800	3.94	24.41	HS 78.78	141.8
8.900	3.27	34.26	HS 65.44	117.8
9.000	2.81	33.05	HS 56.20	101.2
9.000	2.81	2.82	HS 56.20	101.2
9.100	30.30	3.29	HS 65.77	118.4
9.200	23.97	3.96	HS 79.23	142.6
9.300	15.72	4.97	HS 99.36	178.9
9.400	11.24	6.17	HS 123.47	222.3
9.500	7.84	8.02	HS 156.83	282.3
9.600	6.04	11.81	HS 120.75	217.4
9.700	4.89	16.74	HS 97.81	176.1
9.800	3.90	26.15	HS 77.99	140.4
9.900	3.24	35.55	HS 64.78	116.6
10.000	2.78	33.69	HS 55.65	100.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	2.78	2.98	HS 55.65	100.2
10.100	94.49	3.40	HS 67.94	122.3
10.200	44.27	3.99	HS 79.85	143.7
10.300	26.67	4.90	HS 98.00	176.4
10.400	18.10	6.36	HS 127.23	229.0
10.500	12.43	7.78	HS 155.70	280.3
10.600	9.25	10.38	HS 184.96	332.9
10.700	6.86	13.82	HS 137.20	247.0
10.800	5.32	20.78	HS 106.43	191.6
10.900	4.27	39.06	HS 85.42	153.8
11.000	3.52	50.62	HS 70.43	126.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
1.200	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
1.300	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
1.400	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
1.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
1.600	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
1.700	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
1.800	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
1.900	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
2.000	332.2	332.2	-332.2	-332.2	376.6	376.6	-287.8	-287.8
2.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
2.100	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
2.200	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
2.300	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
2.400	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
2.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
2.600	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
2.700	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
2.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
2.900	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5

3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.100	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4
3.200	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
3.300	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
3.400	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
3.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
3.600	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
3.700	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
3.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
3.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
4.100	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
4.200	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
4.300	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
4.400	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
4.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
4.600	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
4.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
4.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
4.900	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.100	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
5.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
5.300	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
5.400	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
5.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
5.600	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
5.700	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
5.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
5.900	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9
6.100	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2
6.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
6.300	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
6.400	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
6.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
6.600	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
6.700	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
6.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
6.900	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
7.100	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
7.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
7.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
7.400	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
7.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
7.600	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
7.700	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
7.800	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
7.900	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
8.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
8.300	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
8.400	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
8.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
8.600	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
8.700	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
8.800	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
8.900	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
9.100	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5
9.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
9.300	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
9.400	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
9.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
9.600	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
9.700	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
9.800	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
9.900	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
10.100	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
10.200	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
10.300	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
10.400	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
10.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
10.600	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
10.700	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
10.800	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
10.900	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	4.26	49.89	4.26	49.89	HS 85.18	153.3
1.200	2.53	25.72	2.53	25.72	HS 50.58	91.0
1.300	2.10	17.45	2.10	17.45	HS 41.99	75.6
1.400	2.08	13.17	2.08	13.17	HS 41.60	74.9
1.500	2.22	10.47	2.22	10.47	HS 44.42	80.0
1.600	2.39	8.57	2.39	8.57	HS 47.85	86.1
1.700	2.87	7.12	2.87	7.12	HS 57.36	103.2
1.800	4.68	5.95	4.68	5.95	HS 93.57	168.4
1.900	13.42	4.52	13.42	4.52	HS 90.32	162.6
2.000	20.19	2.49	20.19	2.49	HS 49.75	89.5
2.000	17.36	2.03	17.36	2.03	HS 40.62	73.1
2.100	12.69	3.38	12.69	3.38	HS 67.55	121.6
2.200	4.41	4.38	4.41	4.38	HS 87.64	157.7
2.300	2.89	5.51	2.89	5.51	HS 57.74	103.9
2.400	2.49	7.11	2.49	7.11	HS 49.88	89.8
2.500	2.52	9.69	2.52	9.69	HS 50.35	90.6
2.600	2.48	8.75	2.48	8.75	HS 49.55	89.2
2.700	2.82	6.82	2.82	6.82	HS 56.49	101.7
2.800	4.24	5.47	4.24	5.47	HS 84.76	152.6
2.900	10.39	4.03	10.39	4.03	HS 80.57	145.0
3.000	14.05	2.25	14.05	2.25	HS 45.00	81.0
3.000	14.05	2.25	14.05	2.25	HS 45.00	81.0
3.100	10.15	4.06	10.15	4.06	HS 81.26	146.3
3.200	4.22	5.55	4.22	5.55	HS 84.39	151.9
3.300	2.79	6.94	2.79	6.94	HS 55.80	100.4
3.400	2.43	8.91	2.43	8.91	HS 48.58	87.4
3.500	2.47	11.97	2.47	11.97	HS 49.39	88.9
3.600	2.43	8.81	2.43	8.81	HS 48.68	87.6
3.700	2.80	6.84	2.80	6.84	HS 56.02	100.8
3.800	4.24	5.46	4.24	5.46	HS 84.85	152.7
3.900	10.60	4.01	10.60	4.01	HS 80.11	144.2
4.000	17.26	2.22	17.26	2.22	HS 44.38	79.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
4.000	17.26	2.22	17.26	2.22	HS	44.38	79.9
4.100	10.48	4.00	10.48	4.00	HS	80.07	144.1
4.200	4.25	5.46	4.25	5.46	HS	85.00	153.0
4.300	2.81	6.83	2.81	6.83	HS	56.16	101.1
4.400	2.44	8.78	2.44	8.78	HS	48.84	87.9
4.500	2.48	11.73	2.48	11.73	HS	49.59	89.3
4.600	2.44	8.79	2.44	8.79	HS	48.81	87.9
4.700	2.80	6.84	2.80	6.84	HS	56.09	101.0
4.800	4.24	5.47	4.24	5.47	HS	84.84	152.7
4.900	10.51	4.01	10.51	4.01	HS	80.25	144.4
5.000	16.93	2.23	16.93	2.23	HS	44.53	80.2
5.000	16.93	2.23	16.93	2.23	HS	44.53	80.2
5.100	10.33	4.01	10.33	4.01	HS	80.27	144.5
5.200	4.24	5.47	4.24	5.47	HS	84.80	152.6
5.300	2.80	6.84	2.80	6.84	HS	56.05	100.9
5.400	2.44	8.79	2.44	8.79	HS	48.77	87.8
5.500	2.48	11.77	2.48	11.77	HS	49.54	89.2
5.600	2.44	8.79	2.44	8.79	HS	48.78	87.8
5.700	2.80	6.84	2.80	6.84	HS	56.08	100.9
5.800	4.24	5.46	4.24	5.46	HS	84.85	152.7
5.900	10.53	4.01	10.53	4.01	HS	80.20	144.4
6.000	17.03	2.22	17.03	2.22	HS	44.48	80.1
6.000	17.03	2.22	17.03	2.22	HS	44.48	80.1
6.100	10.36	4.01	10.36	4.01	HS	80.20	144.4
6.200	4.24	5.46	4.24	5.46	HS	84.85	152.7
6.300	2.80	6.84	2.80	6.84	HS	56.08	100.9
6.400	2.44	8.79	2.44	8.79	HS	48.78	87.8
6.500	2.48	11.77	2.48	11.77	HS	49.54	89.2
6.600	2.44	8.79	2.44	8.79	HS	48.77	87.8
6.700	2.80	6.84	2.80	6.84	HS	56.05	100.9
6.800	4.24	5.47	4.24	5.47	HS	84.80	152.6
6.900	10.50	4.01	10.50	4.01	HS	80.27	144.5
7.000	16.93	2.23	16.93	2.23	HS	44.53	80.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
7.000	16.93	2.23	16.93	2.23	HS	44.53	80.2
7.100	10.33	4.01	10.33	4.01	HS	80.25	144.4
7.200	4.24	5.47	4.24	5.47	HS	84.84	152.7
7.300	2.80	6.84	2.80	6.84	HS	56.09	101.0
7.400	2.44	8.79	2.44	8.79	HS	48.81	87.9
7.500	2.48	11.73	2.48	11.73	HS	49.59	89.3
7.600	2.44	8.78	2.44	8.78	HS	48.84	87.9
7.700	2.81	6.83	2.81	6.83	HS	56.16	101.1
7.800	4.25	5.46	4.25	5.46	HS	85.00	153.0
7.900	10.67	4.00	10.67	4.00	HS	80.07	144.1
8.000	17.26	2.22	17.26	2.22	HS	44.38	79.9
8.000	17.26	2.22	17.26	2.22	HS	44.38	79.9
8.100	10.43	4.01	10.43	4.01	HS	80.11	144.2
8.200	4.24	5.46	4.24	5.46	HS	84.85	152.7
8.300	2.80	6.84	2.80	6.84	HS	56.02	100.8
8.400	2.43	8.81	2.43	8.81	HS	48.68	87.6
8.500	2.47	11.97	2.47	11.97	HS	49.39	88.9
8.600	2.43	8.91	2.43	8.91	HS	48.58	87.4
8.700	2.79	6.94	2.79	6.94	HS	55.80	100.4
8.800	4.22	5.55	4.22	5.55	HS	84.39	151.9
8.900	10.32	4.06	10.32	4.06	HS	81.26	146.3
9.000	14.05	2.25	14.05	2.25	HS	45.00	81.0
9.000	14.05	2.25	14.05	2.25	HS	45.00	81.0
9.100	10.21	4.03	10.21	4.03	HS	80.57	145.0
9.200	4.24	5.47	4.24	5.47	HS	84.76	152.6
9.300	2.82	6.82	2.82	6.82	HS	56.49	101.7
9.400	2.48	8.75	2.48	8.75	HS	49.55	89.2
9.500	2.52	9.69	2.52	9.69	HS	50.35	90.6
9.600	2.49	7.11	2.49	7.11	HS	49.88	89.8
9.700	2.89	5.51	2.89	5.51	HS	57.74	103.9
9.800	4.41	4.38	4.41	4.38	HS	87.64	157.7
9.900	12.94	3.38	12.94	3.38	HS	67.55	121.6
10.000	17.36	2.04	17.36	2.04	HS	40.88	73.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	17.36	2.04	17.36	2.04	HS 40.88	73.6
10.100	13.18	4.52	13.18	4.52	HS 90.32	162.6
10.200	4.68	5.95	4.68	5.95	HS 93.57	168.4
10.300	2.87	7.12	2.87	7.12	HS 57.36	103.2
10.400	2.39	8.57	2.39	8.57	HS 47.85	86.1
10.500	2.22	10.47	2.22	10.47	HS 44.42	80.0
10.600	2.08	13.17	2.08	13.17	HS 41.60	74.9
10.700	2.10	17.45	2.10	17.45	HS 41.99	75.6
10.800	2.53	25.72	2.53	25.72	HS 50.58	91.0
10.900	4.26	49.89	4.26	49.89	HS 85.18	153.3
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	44.64	R	0.00	34.34	0.00
1.200	2.8	23.1	74.91	R	0.00	57.62	0.00
1.300	3.5	28.9	91.71	R	0.00	70.54	0.00
1.400	3.7	30.8	96.32	R	0.00	74.09	0.00
1.500	3.5	28.9	92.20	L	0.00	70.92	0.00
1.600	2.8	22.8	86.60	L	0.00	66.61	0.00
1.700	1.7	12.9	70.45	L	0.00	54.19	0.00
1.800	0.1	-0.9	45.75	L	0.00	35.19	0.00
1.900	-2.0	-18.5	-40.83	R	0.00	-31.41	0.00
2.000	-4.5	-40.0	-49.96	L	0.00	-38.43	0.00
2.000	-4.5	-40.0	-49.96	L	0.00	-38.43	0.00
2.100	-2.6	-21.5	-43.62	L	0.00	-33.56	0.00
2.200	-1.0	-6.9	42.08	R	0.00	32.37	0.00
2.300	0.1	3.9	62.30	R	0.00	47.93	0.00
2.400	0.8	10.8	73.40	R	0.00	56.46	0.00
2.500	1.2	13.9	74.76	R	0.00	57.51	0.00
2.600	1.1	12.8	73.61	L	0.00	56.63	0.00
2.700	0.7	7.8	62.78	L	0.00	48.29	0.00
2.800	-0.1	-0.9	42.73	L	0.00	32.87	0.00
2.900	-1.3	-13.5	-38.85	R	0.00	-29.89	0.00
3.000	-2.9	-30.0	-44.52	R	0.00	-34.25	0.00
3.000	-2.9	-30.0	-44.52	R	0.00	-34.25	0.00
3.100	-1.2	-12.8	-38.64	L	0.00	-29.72	0.00
3.200	0.1	0.5	42.67	R	0.00	32.83	0.00
3.300	1.0	10.0	62.83	R	0.00	48.33	0.00
3.400	1.6	15.7	73.79	R	0.00	56.76	0.00
3.500	1.7	17.5	75.01	R	0.00	57.70	0.00
3.600	1.5	15.2	73.80	L	0.00	56.77	0.00
3.700	0.9	9.0	62.86	L	0.00	48.35	0.00
3.800	-0.1	-1.1	42.72	L	0.00	32.86	0.00
3.900	-1.5	-15.0	-38.82	R	0.00	-29.86	0.00
4.000	-3.3	-32.7	-44.46	R	0.00	-34.20	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-32.7	-44.46	R	0.00	-34.20	0.00
4.100	-1.6	-15.2	-38.81	L	0.00	-29.85	0.00
4.200	-0.2	-1.5	42.72	R	0.00	32.86	0.00
4.300	0.8	8.4	62.86	R	0.00	48.36	0.00
4.400	1.4	14.4	73.82	R	0.00	56.78	0.00
4.500	1.6	16.5	75.03	R	0.00	57.71	0.00
4.600	1.4	14.5	73.82	L	0.00	56.78	0.00
4.700	0.8	8.7	62.87	L	0.00	48.36	0.00
4.800	-0.1	-1.0	42.72	L	0.00	32.86	0.00
4.900	-1.5	-14.6	-38.82	R	0.00	-29.86	0.00
5.000	-3.2	-32.0	-44.46	R	0.00	-34.20	0.00
5.000	-3.2	-32.0	-44.46	R	0.00	-34.20	0.00
5.100	-1.5	-14.5	-38.82	L	0.00	-29.86	0.00
5.200	-0.1	-0.9	42.72	R	0.00	32.86	0.00
5.300	0.9	8.8	62.87	R	0.00	48.36	0.00
5.400	1.4	14.7	73.82	R	0.00	56.78	0.00
5.500	1.6	16.8	75.03	L	0.00	57.71	0.00
5.600	1.4	14.7	73.82	L	0.00	56.78	0.00
5.700	0.8	8.7	62.87	L	0.00	48.36	0.00
5.800	-0.1	-1.1	42.72	L	0.00	32.86	0.00
5.900	-1.5	-14.7	-38.82	R	0.00	-29.86	0.00
6.000	-3.3	-32.2	-44.46	L	0.00	-34.20	0.00
6.000	-3.3	-32.2	-44.46	L	0.00	-34.20	0.00
6.100	-1.5	-14.7	-38.82	L	0.00	-29.86	0.00
6.200	-0.1	-1.1	42.72	R	0.00	32.86	0.00
6.300	0.8	8.7	62.87	R	0.00	48.36	0.00
6.400	1.4	14.7	73.82	R	0.00	56.78	0.00
6.500	1.6	16.8	75.03	L	0.00	57.71	0.00
6.600	1.4	14.7	73.82	L	0.00	56.78	0.00
6.700	0.9	8.8	62.87	L	0.00	48.36	0.00
6.800	-0.1	-0.9	42.72	L	0.00	32.86	0.00
6.900	-1.5	-14.5	-38.82	R	0.00	-29.86	0.00
7.000	-3.2	-32.0	-44.46	L	0.00	-34.20	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-44.46	L	0.00	-34.20	0.00
7.100	-1.5	-14.6	-38.82	L	0.00	-29.86	0.00
7.200	-0.1	-1.0	42.72	R	0.00	32.86	0.00
7.300	0.8	8.7	62.87	R	0.00	48.36	0.00
7.400	1.4	14.5	73.82	R	0.00	56.78	0.00
7.500	1.6	16.5	75.03	L	0.00	57.71	0.00
7.600	1.4	14.4	73.82	L	0.00	56.78	0.00
7.700	0.8	8.4	62.86	L	0.00	48.36	0.00
7.800	-0.2	-1.5	42.72	L	0.00	32.86	0.00
7.900	-1.6	-15.2	-38.81	R	0.00	-29.85	0.00
8.000	-3.3	-32.7	-44.46	L	0.00	-34.20	0.00
8.000	-3.3	-32.7	-44.46	L	0.00	-34.20	0.00
8.100	-1.5	-15.0	-38.82	L	0.00	-29.86	0.00
8.200	-0.1	-1.1	42.72	R	0.00	32.86	0.00
8.300	0.9	9.0	62.86	R	0.00	48.35	0.00
8.400	1.5	15.2	73.80	R	0.00	56.77	0.00
8.500	1.7	17.5	75.01	L	0.00	57.70	0.00
8.600	1.6	15.7	73.79	L	0.00	56.76	0.00
8.700	1.0	10.0	62.83	L	0.00	48.33	0.00
8.800	0.1	0.5	42.67	L	0.00	32.83	0.00
8.900	-1.2	-12.8	-38.64	R	0.00	-29.72	0.00
9.000	-2.9	-30.0	-44.52	L	0.00	-34.25	0.00
9.000	-2.9	-30.0	-44.52	L	0.00	-34.25	0.00
9.100	-1.3	-13.5	-38.85	L	0.00	-29.89	0.00
9.200	-0.1	-0.9	42.73	R	0.00	32.87	0.00
9.300	0.7	7.8	62.78	R	0.00	48.29	0.00
9.400	1.1	12.8	73.61	R	0.00	56.63	0.00
9.500	1.2	13.9	74.76	L	0.00	57.51	0.00
9.600	0.8	10.8	73.40	L	0.00	56.46	0.00
9.700	0.1	3.9	62.30	L	0.00	47.93	0.00
9.800	-1.0	-6.9	42.08	L	0.00	32.37	0.00
9.900	-2.6	-21.5	-43.62	R	0.00	-33.56	0.00
10.000	-4.5	-40.0	-49.96	R	0.00	-38.43	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-40.0	-49.96	R	0.00	-38.43	0.00
10.100	-2.0	-18.5	-40.83	L	0.00	-31.41	0.00
10.200	0.1	-0.9	45.75	R	0.00	35.19	0.00
10.300	1.7	12.9	70.45	R	0.00	54.19	0.00
10.400	2.8	22.8	86.60	R	0.00	66.61	0.00
10.500	3.5	28.9	92.20	R	0.00	70.92	0.00
10.600	3.7	30.8	96.32	L	0.00	74.09	0.00
10.700	3.5	28.9	91.71	L	0.00	70.54	0.00
10.800	2.8	23.1	74.91	L	0.00	57.62	0.00
10.900	1.6	13.5	44.64	L	0.00	34.34	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
1.200	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
1.300	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
1.400	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
1.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
1.600	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
1.700	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
1.800	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
1.900	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
2.000	359.7C	319.4	-319.4	-359.7C	404.1	363.9	-275.0	-315.2
2.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2
2.100	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
2.200	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
2.300	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
2.400	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
2.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
2.600	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
2.700	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
2.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
2.900	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.100	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6
3.200	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
3.400	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
3.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
3.600	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
3.700	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
3.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
3.900	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
4.100	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
4.200	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
4.300	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
4.400	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
4.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
4.600	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
4.700	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
4.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
4.900	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.100	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
5.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
5.300	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
5.400	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
5.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
5.600	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
5.700	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
5.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
5.900	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2
6.100	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4
6.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
6.300	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
6.400	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
6.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
6.600	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
6.700	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
6.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
6.900	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
7.100	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
7.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
7.300	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
7.400	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
7.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
7.600	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
7.700	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
7.800	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
7.900	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.100	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
8.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
8.300	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
8.400	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
8.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
8.600	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
8.700	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
8.800	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7
9.100	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8
9.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
9.300	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
9.400	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
9.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
9.600	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
9.700	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
9.800	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
9.900	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
10.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	404.1	313.1	-224.2	-315.2
10.100	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
10.200	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
10.300	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
10.400	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
10.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
10.600	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
10.700	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
10.800	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
10.900	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	7.72	73.73	6.82	82.61	0.00	102.3
1.200	4.46	38.05	3.92	42.49	0.00	58.8
1.300	3.57	25.84	3.13	28.80	0.00	47.0
1.400	3.38	19.50	2.96	21.72	0.00	44.4
1.500	3.55	15.51	3.11	17.28	0.00	46.7
1.600	3.86	12.68	3.39	14.15	0.00	50.9
1.700	4.90	10.52	4.33	11.78	0.00	64.9
1.800	7.88	8.78	7.00	9.89	0.00	105.0
1.900	25.55	7.32	22.85	8.31	0.00	109.8
2.000	33.24	5.50	29.93	6.31	0.00	82.6
2.000	28.39	4.49	25.76	5.13	0.00	67.3
2.100	22.54	5.61	20.32	6.34	0.00	84.1
2.200	7.33	6.99	6.57	7.85	0.00	98.6
2.300	4.76	8.81	4.25	9.84	0.00	63.7
2.400	3.94	11.38	3.50	12.68	0.00	52.5
2.500	3.82	15.51	3.39	17.26	0.00	50.9
2.600	3.89	12.93	3.46	14.40	0.00	51.9
2.700	4.65	10.07	4.14	11.24	0.00	62.1
2.800	7.06	8.06	6.31	9.03	0.00	94.7
2.900	20.93	6.53	18.81	7.36	0.00	98.0
3.000	24.92	5.30	22.53	6.01	0.00	79.4
3.000	24.92	5.30	22.53	6.01	0.00	79.4
3.100	21.03	6.59	18.89	7.42	0.00	98.9
3.200	7.03	8.15	6.28	9.12	0.00	94.2
3.300	4.61	10.20	4.10	11.37	0.00	61.5
3.400	3.84	13.11	3.41	14.58	0.00	51.1
3.500	3.75	17.70	3.33	19.67	0.00	49.9
3.600	3.85	13.02	3.41	14.49	0.00	51.2
3.700	4.63	10.11	4.12	11.27	0.00	61.8
3.800	7.07	8.06	6.32	9.02	0.00	94.8
3.900	21.12	6.49	18.99	7.32	0.00	97.4
4.000	28.26	5.23	25.57	5.95	0.00	78.5

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	28.26	5.23	25.57	5.95	0.00	78.5
4.100	21.15	6.49	19.02	7.32	0.00	97.4
4.200	7.08	8.05	6.33	9.01	0.00	94.9
4.300	4.64	10.09	4.13	11.25	0.00	61.9
4.400	3.86	12.99	3.43	14.45	0.00	51.4
4.500	3.77	17.62	3.34	19.59	0.00	50.1
4.600	3.86	12.99	3.42	14.45	0.00	51.4
4.700	4.63	10.10	4.12	11.26	0.00	61.8
4.800	7.07	8.06	6.32	9.02	0.00	94.7
4.900	21.10	6.51	18.97	7.33	0.00	97.6
5.000	28.19	5.25	25.51	5.97	0.00	78.8
5.000	28.19	5.25	25.51	5.97	0.00	78.8
5.100	21.10	6.51	18.97	7.33	0.00	97.6
5.200	7.06	8.06	6.31	9.03	0.00	94.7
5.300	4.63	10.10	4.12	11.27	0.00	61.8
5.400	3.85	13.00	3.42	14.46	0.00	51.3
5.500	3.76	17.64	3.34	19.61	0.00	50.0
5.600	3.86	13.00	3.42	14.46	0.00	51.3
5.700	4.63	10.10	4.12	11.26	0.00	61.8
5.800	7.07	8.06	6.32	9.02	0.00	94.8
5.900	21.11	6.50	18.98	7.33	0.00	97.5
6.000	28.22	5.25	25.53	5.97	0.00	78.7
6.000	28.22	5.25	25.53	5.97	0.00	78.7
6.100	21.11	6.50	18.98	7.33	0.00	97.5
6.200	7.07	8.06	6.32	9.02	0.00	94.8
6.300	4.63	10.10	4.12	11.26	0.00	61.8
6.400	3.86	13.00	3.42	14.46	0.00	51.3
6.500	3.76	17.64	3.34	19.61	0.00	50.0
6.600	3.85	13.00	3.42	14.46	0.00	51.3
6.700	4.63	10.10	4.12	11.27	0.00	61.8
6.800	7.06	8.06	6.31	9.03	0.00	94.7
6.900	21.10	6.51	18.97	7.33	0.00	97.6
7.000	28.19	5.25	25.51	5.97	0.00	78.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	28.19	5.25	25.51	5.97	0.00	78.8
7.100	21.10	6.51	18.97	7.33	0.00	97.6
7.200	7.07	8.06	6.32	9.02	0.00	94.7
7.300	4.63	10.10	4.12	11.26	0.00	61.8
7.400	3.86	12.99	3.42	14.45	0.00	51.4
7.500	3.77	17.62	3.34	19.59	0.00	50.1
7.600	3.86	12.99	3.43	14.45	0.00	51.4
7.700	4.64	10.09	4.13	11.25	0.00	61.9
7.800	7.08	8.05	6.33	9.01	0.00	94.9
7.900	21.15	6.49	19.02	7.32	0.00	97.4
8.000	28.26	5.23	25.57	5.95	0.00	78.5
8.000	28.26	5.23	25.57	5.95	0.00	78.5
8.100	21.12	6.49	18.99	7.32	0.00	97.4
8.200	7.07	8.06	6.32	9.02	0.00	94.8
8.300	4.63	10.11	4.12	11.27	0.00	61.8
8.400	3.85	13.02	3.41	14.48	0.00	51.2
8.500	3.75	17.70	3.33	19.67	0.00	49.9
8.600	3.84	13.11	3.41	14.58	0.00	51.1
8.700	4.61	10.20	4.10	11.37	0.00	61.5
8.800	7.03	8.15	6.28	9.12	0.00	94.2
8.900	21.03	6.59	18.89	7.42	0.00	98.9
9.000	24.92	5.30	22.53	6.01	0.00	79.4
9.000	24.92	5.30	22.53	6.01	0.00	79.4
9.100	20.93	6.53	18.81	7.36	0.00	98.0
9.200	7.06	8.06	6.31	9.03	0.00	94.7
9.300	4.65	10.07	4.14	11.24	0.00	62.1
9.400	3.89	12.93	3.46	14.40	0.00	51.9
9.500	3.82	15.51	3.39	17.26	0.00	50.9
9.600	3.94	11.38	3.50	12.68	0.00	52.5
9.700	4.76	8.81	4.25	9.84	0.00	63.7
9.800	7.33	6.99	6.57	7.85	0.00	98.6
9.900	22.54	5.61	20.32	6.34	0.00	84.1
10.000	28.39	4.49	25.76	5.13	0.00	67.3

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	33.24	4.49	25.76	6.31	0.00	67.3
10.100	25.55	7.32	22.84	8.31	0.00	109.8
10.200	7.88	8.78	7.00	9.89	0.00	105.0
10.300	4.90	10.52	4.33	11.78	0.00	64.9
10.400	3.86	12.68	3.39	14.15	0.00	50.9
10.500	3.55	15.51	3.11	17.28	0.00	46.7
10.600	3.38	19.50	2.96	21.72	0.00	44.4
10.700	3.57	25.84	3.13	28.80	0.00	47.0
10.800	4.46	38.05	3.92	42.49	0.00	58.8
10.900	7.72	73.73	6.82	82.61	0.00	102.3
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	20.82	0.00	16.01	0.00
1.100	0.6	4.6	17.86	0.00	13.74	0.00
1.200	0.4	3.1	14.98	0.00	11.52	0.00
1.300	0.2	1.5	12.23	0.00	9.41	0.00
1.400	0.0	0.0	9.63	0.00	7.41	0.00
1.500	-0.2	-1.6	-10.81	0.00	-8.32	0.00
1.600	-0.4	-3.2	-13.52	0.00	-10.40	0.00
1.700	-0.5	-4.7	-16.05	0.00	-12.35	0.00
1.800	-0.7	-6.3	-18.38	0.00	-14.14	0.00
1.900	-0.9	-7.8	-20.47	0.00	-15.74	0.00
2.000	-1.1	-9.4	-22.27	0.00	-17.13	0.00
2.000	0.8	-9.4	21.85	0.00	16.81	0.00
2.100	0.7	6.6	19.49	0.00	14.99	0.00
2.200	0.5	5.1	17.02	0.00	13.09	0.00
2.300	0.4	3.5	14.36	0.00	11.04	0.00
2.400	0.2	2.0	11.62	0.00	8.94	0.00
2.500	0.1	0.5	8.91	0.00	6.86	0.00
2.600	-0.1	-1.2	-11.53	0.00	-8.87	0.00
2.700	-0.2	-2.7	-14.27	0.00	-10.98	0.00
2.800	-0.4	-4.3	-16.94	0.00	-13.03	0.00
2.900	-0.6	-5.8	-19.43	0.00	-14.95	0.00
3.000	-0.7	-7.3	-21.63	0.00	-16.64	0.00
3.000	0.8	7.7	21.64	0.00	16.65	0.00
3.100	0.6	6.1	19.45	0.00	14.97	0.00
3.200	0.5	4.6	16.97	0.00	13.06	0.00
3.300	0.3	3.0	14.31	0.00	11.01	0.00
3.400	0.1	1.5	11.58	0.00	8.91	0.00
3.500	0.0	-0.1	8.88	0.00	6.83	0.00
3.600	-0.2	-1.7	-11.57	0.00	-8.90	0.00
3.700	-0.3	-3.2	-14.31	0.00	-11.01	0.00
3.800	-0.5	-4.8	-16.97	0.00	-13.05	0.00
3.900	-0.6	-6.3	-19.45	0.00	-14.96	0.00
4.000	-0.8	-7.9	-21.64	0.00	-16.65	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	21.64	0.00	16.65	0.00
4.100	0.6	6.2	19.45	0.00	14.96	0.00
4.200	0.5	4.7	16.97	0.00	13.06	0.00
4.300	0.3	3.2	14.31	0.00	11.01	0.00
4.400	0.2	1.6	11.58	0.00	8.90	0.00
4.500	0.0	0.1	8.88	0.00	6.83	0.00
4.600	-0.2	-1.6	-11.57	0.00	-8.90	0.00
4.700	-0.3	-3.1	-14.31	0.00	-11.01	0.00
4.800	-0.5	-4.7	-16.97	0.00	-13.06	0.00
4.900	-0.6	-6.2	-19.45	0.00	-14.96	0.00
5.000	-0.8	-7.7	-21.64	0.00	-16.65	0.00
5.000	0.8	7.7	21.64	0.00	16.65	0.00
5.100	0.6	6.2	19.45	0.00	14.96	0.00
5.200	0.5	4.7	16.97	0.00	13.06	0.00
5.300	0.3	3.1	14.31	0.00	11.01	0.00
5.400	0.2	1.6	11.58	0.00	8.90	0.00
5.500	0.0	0.1	8.88	0.00	6.83	0.00
5.600	-0.2	-1.6	-11.58	0.00	-8.90	0.00
5.700	-0.3	-3.2	-14.31	0.00	-11.01	0.00
5.800	-0.5	-4.7	-16.97	0.00	-13.06	0.00
5.900	-0.6	-6.2	-19.45	0.00	-14.96	0.00
6.000	-0.8	-7.8	-21.64	0.00	-16.65	0.00
6.000	0.8	7.8	21.64	0.00	16.65	0.00
6.100	0.6	6.2	19.45	0.00	14.96	0.00
6.200	0.5	4.7	16.97	0.00	13.06	0.00
6.300	0.3	3.2	14.31	0.00	11.01	0.00
6.400	0.2	1.6	11.58	0.00	8.90	0.00
6.500	0.0	0.1	8.88	0.00	6.83	0.00
6.600	-0.2	-1.6	-11.58	0.00	-8.90	0.00
6.700	-0.3	-3.1	-14.31	0.00	-11.01	0.00
6.800	-0.5	-4.7	-16.97	0.00	-13.06	0.00
6.900	-0.6	-6.2	-19.45	0.00	-14.96	0.00
7.000	-0.8	-7.7	-21.64	0.00	-16.65	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	21.64	0.00	16.65	0.00
7.100	0.6	6.2	19.45	0.00	14.96	0.00
7.200	0.5	4.7	16.97	0.00	13.06	0.00
7.300	0.3	3.1	14.31	0.00	11.01	0.00
7.400	0.2	1.6	11.57	0.00	8.90	0.00
7.500	0.0	0.1	8.88	0.00	6.83	0.00
7.600	-0.2	-1.6	-11.58	0.00	-8.90	0.00
7.700	-0.3	-3.2	-14.31	0.00	-11.01	0.00
7.800	-0.5	-4.7	-16.97	0.00	-13.06	0.00
7.900	-0.6	-6.2	-19.45	0.00	-14.96	0.00
8.000	-0.8	-7.8	-21.64	0.00	-16.65	0.00
8.000	0.8	7.9	21.64	0.00	16.65	0.00
8.100	0.6	6.3	19.45	0.00	14.96	0.00
8.200	0.5	4.8	16.97	0.00	13.05	0.00
8.300	0.3	3.2	14.31	0.00	11.01	0.00
8.400	0.2	1.7	11.57	0.00	8.90	0.00
8.500	0.0	0.2	-8.88	0.00	6.83	0.00
8.600	-0.1	-1.5	-11.58	0.00	-8.91	0.00
8.700	-0.3	-3.0	-14.31	0.00	-11.01	0.00
8.800	-0.5	-4.6	-16.97	0.00	-13.06	0.00
8.900	-0.6	-6.1	-19.45	0.00	-14.97	0.00
9.000	-0.8	-7.7	-21.64	0.00	-16.65	0.00
9.000	0.7	-7.7	21.63	0.00	16.64	0.00
9.100	0.6	5.8	19.43	0.00	14.95	0.00
9.200	0.4	4.3	16.94	0.00	13.03	0.00
9.300	0.2	2.7	14.27	0.00	10.98	0.00
9.400	0.1	1.2	11.53	0.00	8.87	0.00
9.500	-0.1	-0.4	-8.91	0.00	-6.86	0.00
9.600	-0.2	-2.0	-11.62	0.00	-8.94	0.00
9.700	-0.4	-3.5	-14.36	0.00	-11.04	0.00
9.800	-0.5	-5.1	-17.02	0.00	-13.09	0.00
9.900	-0.7	-6.6	-19.49	0.00	-14.99	0.00
10.000	-0.8	-8.1	-21.66	0.00	-16.66	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	22.27	0.00	17.13	0.00
10.100	0.9	7.8	20.47	0.00	15.74	0.00
10.200	0.7	6.3	18.38	0.00	14.14	0.00
10.300	0.5	4.7	16.05	0.00	12.35	0.00
10.400	0.4	3.2	13.52	0.00	10.40	0.00
10.500	0.2	1.7	10.81	0.00	8.32	0.00
10.600	0.0	0.0	-9.63	0.00	-7.41	0.00
10.700	-0.2	-1.5	-12.23	0.00	-9.41	0.00
10.800	-0.4	-3.1	-14.98	0.00	-11.52	0.00
10.900	-0.6	-4.6	-17.86	0.00	-13.74	0.00
11.000	-0.7	-6.2	-20.82	0.00	-16.01	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-139.3	125.5
1.100	172.1	-137.5	127.2
1.200	172.1	-135.8	128.9
1.300	172.1	-134.1	130.6
1.400	172.1	-132.4	132.4
1.500	172.1	-130.7	134.1
1.600	172.1	-128.8	135.9
1.700	172.1	-127.1	137.7
1.800	172.1	-125.4	139.4
1.900	172.1	-123.6	141.1
2.000	172.1	-121.9	142.8
2.000	151.3	-121.9	107.4
2.100	151.3	-123.7	109.1
2.200	151.3	-122.0	110.8
2.300	151.3	-120.3	112.5
2.400	151.3	-118.6	114.2
2.500	151.3	-116.9	115.8
2.600	151.3	-115.1	117.7
2.700	151.3	-113.4	119.4
2.800	151.3	-111.7	121.1
2.900	151.3	-110.0	122.7
3.000	151.3	-108.3	117.1
3.000	151.3	-108.3	108.0
3.100	151.3	-123.1	109.7
3.200	151.3	-121.4	111.4
3.300	151.3	-119.7	113.0
3.400	151.3	-118.0	114.7
3.500	151.3	-116.3	116.4
3.600	151.3	-114.5	118.3
3.700	151.3	-112.8	119.9
3.800	151.3	-111.1	121.6
3.900	151.3	-109.4	123.3
4.000	151.3	-107.7	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-107.7	107.8
4.100	151.3	-123.2	109.5
4.200	151.3	-121.5	111.2
4.300	151.3	-119.9	112.9
4.400	151.3	-118.2	114.6
4.500	151.3	-116.5	116.3
4.600	151.3	-114.6	118.1
4.700	151.3	-113.0	119.8
4.800	151.3	-111.3	121.5
4.900	151.3	-109.6	123.2
5.000	151.3	-107.9	117.1
5.000	151.3	-107.9	107.9
5.100	151.3	-123.2	109.5
5.200	151.3	-121.5	111.2
5.300	151.3	-119.8	112.9
5.400	151.3	-118.1	114.6
5.500	151.3	-116.4	116.3
5.600	151.3	-114.6	118.1
5.700	151.3	-112.9	119.8
5.800	151.3	-111.2	121.5
5.900	151.3	-109.5	123.2
6.000	151.3	-107.8	117.2
6.000	151.3	-107.8	107.8
6.100	151.3	-123.2	109.5
6.200	151.3	-121.5	111.2
6.300	151.3	-119.8	112.9
6.400	151.3	-118.1	114.6
6.500	151.3	-116.4	116.3
6.600	151.3	-114.6	118.1
6.700	151.3	-112.9	119.8
6.800	151.3	-111.2	121.5
6.900	151.3	-109.5	123.2
7.000	151.3	-107.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-107.9	107.9
7.100	151.3	-123.2	109.6
7.200	151.3	-121.5	111.3
7.300	151.3	-119.8	113.0
7.400	151.3	-118.1	114.6
7.500	151.3	-116.4	116.3
7.600	151.3	-114.6	118.2
7.700	151.3	-112.9	119.9
7.800	151.3	-111.2	121.5
7.900	151.3	-109.5	123.2
8.000	151.3	-107.8	117.2
8.000	151.3	-107.8	107.7
8.100	151.3	-123.3	109.4
8.200	151.3	-121.6	111.1
8.300	151.3	-119.9	112.8
8.400	151.3	-118.3	114.5
8.500	151.3	-116.6	116.2
8.600	151.3	-114.7	118.0
8.700	151.3	-113.0	119.7
8.800	151.3	-111.4	121.4
8.900	151.3	-109.7	123.1
9.000	151.3	-108.0	117.1
9.000	151.3	-108.0	108.3
9.100	151.3	-122.7	110.0
9.200	151.3	-121.1	111.7
9.300	151.3	-119.4	113.4
9.400	151.3	-117.7	115.1
9.500	151.3	-116.0	116.8
9.600	151.3	-114.2	118.6
9.700	151.3	-112.5	120.3
9.800	151.3	-110.8	122.0
9.900	151.3	-109.1	123.7
10.000	151.3	-107.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-107.4	121.9
10.100	172.1	-141.1	123.6
10.200	172.1	-139.4	125.4
10.300	172.1	-137.7	127.1
10.400	172.1	-135.9	128.8
10.500	172.1	-134.2	130.5
10.600	172.1	-132.4	132.4
10.700	172.1	-130.6	134.1
10.800	172.1	-128.9	135.8
10.900	172.1	-127.2	137.5
11.000	172.1	-125.5	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	76.74	6.03	0.00	90.4
1.100	66.95	7.12	0.00	106.9
1.200	33.25	8.61	0.00	129.1
1.300	22.11	10.69	0.00	160.3
1.400	16.60	13.74	0.00	206.1
1.500	12.08	18.55	0.00	181.2
1.600	9.53	26.87	0.00	142.9
1.700	7.92	43.52	0.00	118.7
1.800	6.82	89.07	0.00	102.3
1.900	6.04	290.18	0.00	90.6
2.000	5.47	293.72	0.00	82.1
2.000	5.47	4.91	0.00	73.7
2.100	54.55	5.60	0.00	84.0
2.200	53.80	6.51	0.00	97.6
2.300	30.24	7.83	0.00	117.5
2.400	18.86	9.82	0.00	147.4
2.500	13.23	13.00	0.00	194.9
2.600	9.98	18.52	0.00	149.7
2.700	7.95	29.58	0.00	119.2
2.800	6.59	47.78	0.00	98.9
2.900	5.66	48.44	0.00	84.9
3.000	5.01	46.21	0.00	75.1
3.000	5.01	4.99	0.00	74.8
3.100	54.57	5.64	0.00	84.5
3.200	53.82	6.56	0.00	98.4
3.300	29.82	7.90	0.00	118.5
3.400	18.67	9.91	0.00	148.6
3.500	13.11	13.11	0.00	196.6
3.600	9.89	18.69	0.00	148.4
3.700	7.88	29.86	0.00	118.3
3.800	6.55	54.20	0.00	98.2
3.900	5.62	54.96	0.00	84.4
4.000	4.98	52.21	0.00	74.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	4.98	4.98	0.00	74.7
4.100	54.66	5.63	0.00	84.4
4.200	53.91	6.55	0.00	98.3
4.300	29.85	7.89	0.00	118.3
4.400	18.69	9.90	0.00	148.5
4.500	13.12	13.10	0.00	196.5
4.600	9.90	18.67	0.00	148.6
4.700	7.89	29.83	0.00	118.4
4.800	6.56	53.90	0.00	98.3
4.900	5.63	54.65	0.00	84.5
5.000	4.98	51.97	0.00	74.8
5.000	4.98	4.98	0.00	74.8
5.100	54.64	5.63	0.00	84.5
5.200	53.89	6.55	0.00	98.3
5.300	29.84	7.89	0.00	118.4
5.400	18.68	9.90	0.00	148.5
5.500	13.11	13.10	0.00	196.6
5.600	9.90	18.68	0.00	148.5
5.700	7.89	29.84	0.00	118.4
5.800	6.55	53.90	0.00	98.3
5.900	5.63	54.65	0.00	84.5
6.000	4.98	51.96	0.00	74.7
6.000	4.98	4.98	0.00	74.7
6.100	54.65	5.63	0.00	84.5
6.200	53.90	6.55	0.00	98.3
6.300	29.84	7.89	0.00	118.4
6.400	18.68	9.90	0.00	148.5
6.500	13.12	13.10	0.00	196.5
6.600	9.90	18.68	0.00	148.5
6.700	7.89	29.84	0.00	118.4
6.800	6.55	53.89	0.00	98.3
6.900	5.63	54.64	0.00	84.5
7.000	4.98	51.96	0.00	74.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	4.98	4.98	0.00	74.8
7.100	54.65	5.63	0.00	84.5
7.200	53.90	6.56	0.00	98.3
7.300	29.83	7.89	0.00	118.4
7.400	18.67	9.90	0.00	148.6
7.500	13.11	13.11	0.00	196.6
7.600	9.90	18.69	0.00	148.5
7.700	7.89	29.85	0.00	118.3
7.800	6.55	53.91	0.00	98.3
7.900	5.63	54.66	0.00	84.4
8.000	4.98	51.96	0.00	74.7
8.000	4.98	4.98	0.00	74.7
8.100	54.96	5.62	0.00	84.4
8.200	54.20	6.55	0.00	98.2
8.300	29.86	7.88	0.00	118.3
8.400	18.69	9.89	0.00	148.4
8.500	13.13	13.09	0.00	196.4
8.600	9.91	18.67	0.00	148.6
8.700	7.90	29.82	0.00	118.5
8.800	6.56	53.82	0.00	98.4
8.900	5.64	54.57	0.00	84.5
9.000	4.99	51.93	0.00	74.8
9.000	4.99	5.01	0.00	74.8
9.100	48.44	5.66	0.00	84.9
9.200	47.78	6.59	0.00	98.9
9.300	29.58	7.95	0.00	119.2
9.400	18.52	9.98	0.00	149.7
9.500	13.01	13.22	0.00	195.2
9.600	9.82	18.86	0.00	147.4
9.700	7.83	30.24	0.00	117.5
9.800	6.51	53.80	0.00	97.6
9.900	5.60	54.55	0.00	84.0
10.000	4.96	51.70	0.00	74.4

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	4.96	5.47	0.00	74.4
10.100	290.18	6.04	0.00	90.6
10.200	89.07	6.82	0.00	102.3
10.300	43.52	7.92	0.00	118.7
10.400	26.87	9.53	0.00	142.9
10.500	18.56	12.07	0.00	181.1
10.600	13.74	16.60	0.00	206.1
10.700	10.69	22.11	0.00	160.3
10.800	8.61	33.25	0.00	129.1
10.900	7.12	66.95	0.00	106.9
11.000	6.03	999.00	0.00	90.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
1.200	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
1.300	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
1.400	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
1.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
1.600	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
1.700	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
1.800	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
1.900	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
2.000	332.2	332.2	-332.2	-332.2	376.6	376.6	-287.8	-287.8
2.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
2.100	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
2.200	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
2.300	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
2.400	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
2.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
2.600	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
2.700	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
2.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
2.900	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5

3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.100	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4
3.200	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
3.300	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
3.400	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
3.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
3.600	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
3.700	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
3.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
3.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
4.100	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
4.200	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
4.300	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
4.400	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
4.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
4.600	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
4.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
4.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
4.900	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.100	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
5.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
5.300	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
5.400	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
5.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
5.600	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
5.700	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
5.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
5.900	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9
6.100	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2
6.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
6.300	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
6.400	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
6.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
6.600	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
6.700	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
6.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
6.900	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
7.100	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
7.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
7.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
7.400	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
7.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
7.600	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
7.700	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
7.800	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
7.900	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
8.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
8.300	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
8.400	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
8.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
8.600	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
8.700	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
8.800	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
8.900	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
9.100	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5
9.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
9.300	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
9.400	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
9.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
9.600	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
9.700	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
9.800	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
9.900	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
10.100	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
10.200	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
10.300	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
10.400	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
10.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
10.600	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
10.700	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
10.800	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
10.900	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	7.10	76.55	7.10	76.55	0.00	106.6
1.200	4.09	39.46	4.09	39.46	0.00	61.3
1.300	3.27	26.78	3.27	26.78	0.00	49.1
1.400	3.09	20.21	3.09	20.21	0.00	46.4
1.500	3.25	16.07	3.25	16.07	0.00	48.8
1.600	3.54	13.15	3.54	13.15	0.00	53.1
1.700	4.51	10.92	4.51	10.92	0.00	67.6
1.800	7.28	9.13	7.28	9.13	0.00	109.2
1.900	23.70	7.64	23.70	7.64	0.00	114.5
2.000	30.98	5.76	30.98	5.76	0.00	86.4
2.000	26.64	4.70	26.64	4.70	0.00	70.5
2.100	21.06	5.85	21.06	5.85	0.00	87.8
2.200	6.83	7.28	6.83	7.28	0.00	102.4
2.300	4.42	9.15	4.42	9.15	0.00	66.3
2.400	3.65	11.82	3.65	11.82	0.00	54.7
2.500	3.54	16.10	3.54	16.10	0.00	53.0
2.600	3.61	13.42	3.61	13.42	0.00	54.1
2.700	4.31	10.46	4.31	10.46	0.00	64.7
2.800	6.56	8.39	6.56	8.39	0.00	98.5
2.900	19.52	6.81	19.52	6.81	0.00	102.1
3.000	23.33	5.54	23.33	5.54	0.00	83.0
3.000	23.33	5.54	23.33	5.54	0.00	83.0
3.100	19.61	6.87	19.61	6.87	0.00	103.0
3.200	6.53	8.48	6.53	8.48	0.00	98.0
3.300	4.27	10.60	4.27	10.60	0.00	64.1
3.400	3.55	13.61	3.55	13.61	0.00	53.3
3.500	3.47	18.36	3.47	18.36	0.00	52.0
3.600	3.56	13.52	3.56	13.52	0.00	53.4
3.700	4.29	10.50	4.29	10.50	0.00	64.3
3.800	6.57	8.38	6.57	8.38	0.00	98.5
3.900	19.71	6.77	19.71	6.77	0.00	101.6
4.000	26.48	5.47	26.48	5.47	0.00	82.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	26.48	5.47	26.48	5.47	0.00	82.1
4.100	19.73	6.77	19.73	6.77	0.00	101.5
4.200	6.58	8.37	6.58	8.37	0.00	98.7
4.300	4.30	10.48	4.30	10.48	0.00	64.5
4.400	3.57	13.48	3.57	13.48	0.00	53.6
4.500	3.48	18.28	3.48	18.28	0.00	52.2
4.600	3.57	13.48	3.57	13.48	0.00	53.5
4.700	4.29	10.49	4.29	10.49	0.00	64.4
4.800	6.57	8.39	6.57	8.39	0.00	98.5
4.900	19.68	6.78	19.68	6.78	0.00	101.8
5.000	26.41	5.49	26.41	5.49	0.00	82.4
5.000	26.41	5.49	26.41	5.49	0.00	82.4
5.100	19.68	6.79	19.68	6.79	0.00	101.8
5.200	6.57	8.39	6.57	8.39	0.00	98.5
5.300	4.29	10.49	4.29	10.49	0.00	64.4
5.400	3.57	13.49	3.57	13.49	0.00	53.5
5.500	3.48	18.30	3.48	18.30	0.00	52.2
5.600	3.57	13.49	3.57	13.49	0.00	53.5
5.700	4.29	10.49	4.29	10.49	0.00	64.4
5.800	6.57	8.38	6.57	8.38	0.00	98.5
5.900	19.70	6.78	19.70	6.78	0.00	101.7
6.000	26.43	5.49	26.43	5.49	0.00	82.3
6.000	26.43	5.49	26.43	5.49	0.00	82.3
6.100	19.70	6.78	19.70	6.78	0.00	101.7
6.200	6.57	8.38	6.57	8.38	0.00	98.5
6.300	4.29	10.49	4.29	10.49	0.00	64.4
6.400	3.57	13.49	3.57	13.49	0.00	53.5
6.500	3.48	18.30	3.48	18.30	0.00	52.2
6.600	3.57	13.49	3.57	13.49	0.00	53.5
6.700	4.29	10.49	4.29	10.49	0.00	64.4
6.800	6.57	8.39	6.57	8.39	0.00	98.5
6.900	19.68	6.79	19.68	6.79	0.00	101.8
7.000	26.41	5.49	26.41	5.49	0.00	82.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	26.41	5.49	26.41	5.49	0.00	82.4
7.100	19.68	6.78	19.68	6.78	0.00	101.8
7.200	6.57	8.39	6.57	8.39	0.00	98.5
7.300	4.29	10.49	4.29	10.49	0.00	64.4
7.400	3.57	13.48	3.57	13.48	0.00	53.5
7.500	3.48	18.28	3.48	18.28	0.00	52.2
7.600	3.57	13.48	3.57	13.48	0.00	53.6
7.700	4.30	10.48	4.30	10.48	0.00	64.5
7.800	6.58	8.37	6.58	8.37	0.00	98.7
7.900	19.73	6.77	19.73	6.77	0.00	101.5
8.000	26.48	5.47	26.48	5.47	0.00	82.1
8.000	26.48	5.47	26.48	5.47	0.00	82.1
8.100	19.71	6.77	19.71	6.77	0.00	101.6
8.200	6.57	8.38	6.57	8.38	0.00	98.5
8.300	4.29	10.50	4.29	10.50	0.00	64.3
8.400	3.56	13.52	3.56	13.52	0.00	53.4
8.500	3.47	18.36	3.47	18.36	0.00	52.0
8.600	3.55	13.61	3.55	13.61	0.00	53.3
8.700	4.27	10.60	4.27	10.60	0.00	64.1
8.800	6.53	8.48	6.53	8.48	0.00	98.0
8.900	19.61	6.87	19.61	6.87	0.00	103.0
9.000	23.33	5.54	23.33	5.54	0.00	83.0
9.000	23.33	5.54	23.33	5.54	0.00	83.0
9.100	19.52	6.81	19.52	6.81	0.00	102.1
9.200	6.56	8.39	6.56	8.39	0.00	98.5
9.300	4.31	10.46	4.31	10.46	0.00	64.7
9.400	3.61	13.42	3.61	13.42	0.00	54.1
9.500	3.54	16.10	3.54	16.10	0.00	53.0
9.600	3.65	11.82	3.65	11.82	0.00	54.7
9.700	4.42	9.15	4.42	9.15	0.00	66.3
9.800	6.83	7.28	6.83	7.28	0.00	102.4
9.900	21.06	5.85	21.06	5.85	0.00	87.8
10.000	26.64	4.70	26.64	4.70	0.00	70.5

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	26.64	4.70	26.64	4.70	0.00	70.5
10.100	23.70	7.64	23.70	7.64	0.00	114.5
10.200	7.28	9.13	7.28	9.13	0.00	109.2
10.300	4.51	10.92	4.51	10.92	0.00	67.6
10.400	3.54	13.15	3.54	13.15	0.00	53.1
10.500	3.25	16.07	3.25	16.07	0.00	48.8
10.600	3.09	20.21	3.09	20.21	0.00	46.4
10.700	3.27	26.78	3.27	26.78	0.00	49.1
10.800	4.09	39.46	4.09	39.46	0.00	61.3
10.900	7.10	76.55	7.10	76.55	0.00	106.6
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	60.91	R	0.00	46.85	0.00
1.200	2.8	23.1	100.62	R	0.00	77.40	0.00
1.300	3.5	28.9	120.84	R	0.00	92.95	0.00
1.400	3.7	30.8	128.49	R	0.00	98.84	0.00
1.500	3.5	28.9	125.83	R	0.00	96.79	0.00
1.600	2.8	22.8	111.66	L	0.00	85.89	0.00
1.700	1.7	12.9	91.04	L	0.00	70.03	0.00
1.800	0.1	-0.9	56.69	L	0.00	43.60	0.00
1.900	-2.0	-18.5	-58.74	R	0.00	-45.18	0.00
2.000	-4.5	-40.0	-74.79	R	0.00	-57.53	0.00
2.000	-4.5	-40.0	-74.79	R	0.00	-57.53	0.00
2.100	-2.6	-21.5	-62.75	L	0.00	-48.27	0.00
2.200	-1.0	-6.9	-53.64	L	0.00	-41.26	0.00
2.300	0.1	3.9	79.09	R	0.00	60.84	0.00
2.400	0.8	10.8	93.85	R	0.00	72.19	0.00
2.500	1.2	13.9	99.90	L	0.00	76.84	0.00
2.600	1.1	12.8	94.23	L	0.00	72.48	0.00
2.700	0.7	7.8	79.76	L	0.00	61.35	0.00
2.800	-0.1	-0.9	52.12	L	0.00	40.09	0.00
2.900	-1.3	-13.5	-55.90	R	0.00	-43.00	0.00
3.000	-2.9	-30.0	-70.38	L	0.00	-54.14	0.00
3.000	-2.9	-30.0	-70.38	L	0.00	-54.14	0.00
3.100	-1.2	-12.8	-55.58	L	0.00	-42.76	0.00
3.200	0.1	0.5	52.04	R	0.00	40.03	0.00
3.300	1.0	10.0	79.83	R	0.00	61.41	0.00
3.400	1.6	15.7	94.45	R	0.00	72.65	0.00
3.500	1.7	17.5	100.30	L	0.00	77.16	0.00
3.600	1.5	15.2	94.48	L	0.00	72.67	0.00
3.700	0.9	9.0	79.88	L	0.00	61.45	0.00
3.800	-0.1	-1.1	52.11	L	0.00	40.08	0.00
3.900	-1.5	-15.0	-55.85	R	0.00	-42.96	0.00
4.000	-3.3	-32.7	-70.34	L	0.00	-54.11	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-32.7	-70.34	L	0.00	-54.11	0.00
4.100	-1.6	-15.2	-55.83	L	0.00	-42.94	0.00
4.200	-0.2	-1.5	52.10	R	0.00	40.08	0.00
4.300	0.8	8.4	79.89	R	0.00	61.45	0.00
4.400	1.4	14.4	94.49	R	0.00	72.69	0.00
4.500	1.6	16.5	100.33	L	0.00	77.18	0.00
4.600	1.4	14.5	94.49	L	0.00	72.69	0.00
4.700	0.8	8.7	79.89	L	0.00	61.45	0.00
4.800	-0.1	-1.0	52.11	L	0.00	40.08	0.00
4.900	-1.5	-14.6	-55.85	R	0.00	-42.96	0.00
5.000	-3.2	-32.0	-70.34	L	0.00	-54.11	0.00
5.000	-3.2	-32.0	-70.34	L	0.00	-54.11	0.00
5.100	-1.5	-14.5	-55.85	L	0.00	-42.96	0.00
5.200	-0.1	-0.9	52.11	R	0.00	40.08	0.00
5.300	0.9	8.8	79.89	R	0.00	61.46	0.00
5.400	1.4	14.7	94.50	R	0.00	72.69	0.00
5.500	1.6	16.8	100.34	R	0.00	77.18	0.00
5.600	1.4	14.7	94.50	L	0.00	72.69	0.00
5.700	0.8	8.7	79.89	L	0.00	61.46	0.00
5.800	-0.1	-1.1	52.11	L	0.00	40.08	0.00
5.900	-1.5	-14.7	-55.85	R	0.00	-42.96	0.00
6.000	-3.3	-32.2	-70.34	R	0.00	-54.11	0.00
6.000	-3.3	-32.2	-70.34	R	0.00	-54.11	0.00
6.100	-1.5	-14.7	-55.85	L	0.00	-42.96	0.00
6.200	-0.1	-1.1	52.11	R	0.00	40.08	0.00
6.300	0.8	8.7	79.89	R	0.00	61.46	0.00
6.400	1.4	14.7	94.50	R	0.00	72.69	0.00
6.500	1.6	16.8	100.34	R	0.00	77.18	0.00
6.600	1.4	14.7	94.50	L	0.00	72.69	0.00
6.700	0.9	8.8	79.89	L	0.00	61.45	0.00
6.800	-0.1	-0.9	52.11	L	0.00	40.08	0.00
6.900	-1.5	-14.5	-55.85	R	0.00	-42.96	0.00
7.000	-3.2	-32.0	-70.34	R	0.00	-54.11	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-70.34	R	0.00	-54.11	0.00
7.100	-1.5	-14.6	-55.85	L	0.00	-42.96	0.00
7.200	-0.1	-1.0	52.11	R	0.00	40.08	0.00
7.300	0.8	8.7	79.89	R	0.00	61.45	0.00
7.400	1.4	14.5	94.49	R	0.00	72.69	0.00
7.500	1.6	16.5	100.33	R	0.00	77.18	0.00
7.600	1.4	14.4	94.49	L	0.00	72.69	0.00
7.700	0.8	8.4	79.89	L	0.00	61.45	0.00
7.800	-0.2	-1.5	52.10	L	0.00	40.08	0.00
7.900	-1.6	-15.2	-55.83	R	0.00	-42.94	0.00
8.000	-3.3	-32.7	-70.34	R	0.00	-54.11	0.00
8.000	-3.3	-32.7	-70.34	R	0.00	-54.11	0.00
8.100	-1.5	-15.0	-55.85	L	0.00	-42.96	0.00
8.200	-0.1	-1.1	52.11	R	0.00	40.08	0.00
8.300	0.9	9.0	79.88	R	0.00	61.45	0.00
8.400	1.5	15.2	94.48	R	0.00	72.67	0.00
8.500	1.7	17.5	100.30	R	0.00	77.16	0.00
8.600	1.6	15.7	94.45	L	0.00	72.65	0.00
8.700	1.0	10.0	79.83	L	0.00	61.41	0.00
8.800	0.1	0.5	52.04	L	0.00	40.03	0.00
8.900	-1.2	-12.8	-55.58	R	0.00	-42.76	0.00
9.000	-2.9	-30.0	-70.38	R	0.00	-54.14	0.00
9.000	-2.9	-30.0	-70.38	R	0.00	-54.14	0.00
9.100	-1.3	-13.5	-55.90	L	0.00	-43.00	0.00
9.200	-0.1	-0.9	52.12	R	0.00	40.09	0.00
9.300	0.7	7.8	79.76	R	0.00	61.35	0.00
9.400	1.1	12.8	94.23	R	0.00	72.48	0.00
9.500	1.2	13.9	99.90	R	0.00	76.84	0.00
9.600	0.8	10.8	93.85	L	0.00	72.19	0.00
9.700	0.1	3.9	79.09	L	0.00	60.84	0.00
9.800	-1.0	-6.9	-53.64	R	0.00	-41.26	0.00
9.900	-2.6	-21.5	-62.75	R	0.00	-48.27	0.00
10.000	-4.5	-40.0	-74.79	L	0.00	-57.53	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-40.0	-74.79	L	0.00	-57.53	0.00
10.100	-2.0	-18.5	-58.74	L	0.00	-45.18	0.00
10.200	0.1	-0.9	56.69	R	0.00	43.61	0.00
10.300	1.7	12.9	91.04	R	0.00	70.03	0.00
10.400	2.8	22.8	111.66	R	0.00	85.89	0.00
10.500	3.5	28.9	125.83	L	0.00	96.79	0.00
10.600	3.7	30.8	128.49	L	0.00	98.84	0.00
10.700	3.5	28.9	120.84	L	0.00	92.95	0.00
10.800	2.8	23.1	100.62	L	0.00	77.40	0.00
10.900	1.6	13.5	60.91	L	0.00	46.85	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
1.200	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
1.300	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
1.400	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
1.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
1.600	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
1.700	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
1.800	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
1.900	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
2.000	359.7C	319.4	-319.4	-359.7C	404.1	363.9	-275.0	-315.2
2.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2
2.100	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
2.200	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
2.300	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
2.400	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
2.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
2.600	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
2.700	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
2.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
2.900	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.100	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6
3.200	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
3.400	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
3.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
3.600	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
3.700	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
3.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
3.900	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
4.100	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
4.200	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
4.300	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
4.400	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
4.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
4.600	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
4.700	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
4.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
4.900	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.100	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
5.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
5.300	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
5.400	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
5.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
5.600	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
5.700	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
5.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
5.900	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2
6.100	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4
6.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
6.300	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
6.400	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
6.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
6.600	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
6.700	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
6.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
6.900	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
7.100	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
7.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
7.300	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
7.400	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
7.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
7.600	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
7.700	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
7.800	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
7.900	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.100	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
8.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
8.300	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
8.400	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
8.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
8.600	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
8.700	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
8.800	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7
9.100	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8
9.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
9.300	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
9.400	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
9.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
9.600	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
9.700	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
9.800	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
9.900	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
10.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	404.1	313.1	-224.2	-315.2
10.100	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
10.200	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
10.300	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
10.400	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
10.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
10.600	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
10.700	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
10.800	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
10.900	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.66	51.25	5.00	57.42	0.00	114.9
1.200	3.32	26.45	2.92	29.53	0.00	67.1
1.300	2.71	17.96	2.38	20.02	0.00	54.6
1.400	2.53	13.56	2.22	15.10	0.00	51.0
1.500	2.60	10.78	2.28	12.01	0.00	52.5
1.600	2.99	8.81	2.63	9.84	0.00	60.5
1.700	3.79	7.31	3.35	8.19	0.00	77.0
1.800	6.36	6.10	5.65	6.87	0.00	129.9
1.900	24.15	5.09	21.60	5.78	0.00	117.1
2.000	23.11	3.68	20.81	4.22	0.00	84.6
2.000	19.73	3.00	17.90	3.42	0.00	68.9
2.100	30.42	3.90	27.42	4.41	0.00	89.6
2.200	6.03	4.86	5.41	5.46	0.00	111.8
2.300	3.75	6.12	3.35	6.84	0.00	77.0
2.400	3.08	7.91	2.74	8.82	0.00	63.0
2.500	2.86	10.79	2.54	12.00	0.00	58.4
2.600	3.04	8.99	2.70	10.01	0.00	62.2
2.700	3.66	7.00	3.26	7.81	0.00	75.0
2.800	5.79	5.61	5.17	6.28	0.00	119.0
2.900	21.07	4.54	18.93	5.11	0.00	104.4
3.000	17.32	3.35	15.66	3.80	0.00	77.0
3.000	17.32	3.35	15.66	3.80	0.00	77.0
3.100	18.72	4.58	16.81	5.16	0.00	105.4
3.200	5.76	5.67	5.15	6.34	0.00	118.5
3.300	3.63	7.09	3.23	7.90	0.00	74.2
3.400	3.00	9.11	2.66	10.13	0.00	61.2
3.500	2.81	12.30	2.49	13.67	0.00	57.2
3.600	3.01	9.05	2.67	10.07	0.00	61.3
3.700	3.64	7.03	3.24	7.84	0.00	74.5
3.800	5.79	5.60	5.18	6.27	0.00	119.1
3.900	21.19	4.51	19.06	5.09	0.00	103.8
4.000	19.64	3.31	17.78	3.76	0.00	76.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	19.64	3.31	17.78	3.76	0.00	76.1
4.100	21.31	4.51	19.16	5.09	0.00	103.8
4.200	5.80	5.59	5.19	6.26	0.00	119.3
4.300	3.65	7.01	3.25	7.82	0.00	74.7
4.400	3.02	9.03	2.68	10.04	0.00	61.6
4.500	2.82	12.25	2.50	13.62	0.00	57.4
4.600	3.01	9.03	2.67	10.04	0.00	61.5
4.700	3.64	7.02	3.24	7.83	0.00	74.6
4.800	5.79	5.60	5.18	6.27	0.00	119.1
4.900	21.16	4.52	19.03	5.10	0.00	104.0
5.000	19.60	3.32	17.73	3.77	0.00	76.3
5.000	19.60	3.32	17.73	3.77	0.00	76.3
5.100	21.17	4.52	19.03	5.10	0.00	104.1
5.200	5.79	5.61	5.18	6.28	0.00	119.0
5.300	3.64	7.02	3.24	7.83	0.00	74.6
5.400	3.01	9.04	2.67	10.05	0.00	61.5
5.500	2.81	12.26	2.49	13.63	0.00	57.4
5.600	3.01	9.03	2.67	10.05	0.00	61.5
5.700	3.64	7.02	3.24	7.83	0.00	74.6
5.800	5.79	5.60	5.18	6.27	0.00	119.1
5.900	21.17	4.52	19.04	5.09	0.00	104.0
6.000	19.61	3.32	17.75	3.77	0.00	76.2
6.000	19.61	3.32	17.75	3.77	0.00	76.2
6.100	21.17	4.52	19.04	5.09	0.00	104.0
6.200	5.79	5.60	5.18	6.27	0.00	119.1
6.300	3.64	7.02	3.24	7.83	0.00	74.6
6.400	3.01	9.03	2.67	10.05	0.00	61.5
6.500	2.81	12.26	2.49	13.63	0.00	57.4
6.600	3.01	9.04	2.67	10.05	0.00	61.5
6.700	3.64	7.02	3.24	7.83	0.00	74.6
6.800	5.79	5.61	5.18	6.28	0.00	119.0
6.900	21.17	4.52	19.03	5.10	0.00	104.1
7.000	19.60	3.32	17.73	3.77	0.00	76.3

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	19.60	3.32	17.73	3.77	0.00	76.3
7.100	21.16	4.52	19.03	5.10	0.00	104.0
7.200	5.79	5.60	5.18	6.27	0.00	119.1
7.300	3.64	7.02	3.24	7.83	0.00	74.6
7.400	3.01	9.03	2.67	10.04	0.00	61.5
7.500	2.82	12.25	2.50	13.62	0.00	57.4
7.600	3.02	9.03	2.68	10.04	0.00	61.6
7.700	3.65	7.01	3.25	7.82	0.00	74.7
7.800	5.80	5.59	5.19	6.26	0.00	119.3
7.900	21.31	4.51	19.16	5.09	0.00	103.8
8.000	19.64	3.31	17.78	3.76	0.00	76.1
8.000	19.64	3.31	17.78	3.76	0.00	76.1
8.100	21.19	4.51	19.06	5.09	0.00	103.8
8.200	5.79	5.60	5.18	6.27	0.00	119.1
8.300	3.64	7.03	3.24	7.84	0.00	74.5
8.400	3.01	9.05	2.67	10.07	0.00	61.3
8.500	2.81	12.30	2.49	13.67	0.00	57.2
8.600	3.00	9.11	2.66	10.13	0.00	61.2
8.700	3.63	7.09	3.23	7.90	0.00	74.2
8.800	5.76	5.67	5.15	6.34	0.00	118.5
8.900	18.72	4.58	16.81	5.16	0.00	105.4
9.000	17.32	3.35	15.66	3.80	0.00	77.0
9.000	17.32	3.35	15.66	3.80	0.00	77.0
9.100	21.07	4.54	18.93	5.11	0.00	104.4
9.200	5.79	5.61	5.17	6.28	0.00	119.0
9.300	3.66	7.00	3.26	7.81	0.00	75.0
9.400	3.04	8.99	2.70	10.01	0.00	62.2
9.500	2.86	10.79	2.54	12.00	0.00	58.4
9.600	3.08	7.91	2.74	8.82	0.00	63.0
9.700	3.75	6.12	3.35	6.84	0.00	77.0
9.800	6.03	4.86	5.41	5.46	0.00	111.8
9.900	30.42	3.90	27.42	4.41	0.00	89.6
10.000	19.73	3.00	17.90	3.42	0.00	68.9

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	23.11	3.00	17.90	4.22	0.00	68.9
10.100	24.15	5.09	21.60	5.78	0.00	117.1
10.200	6.36	6.10	5.65	6.87	0.00	129.9
10.300	3.79	7.31	3.35	8.19	0.00	77.0
10.400	2.99	8.81	2.63	9.84	0.00	60.5
10.500	2.60	10.78	2.28	12.01	0.00	52.5
10.600	2.53	13.56	2.22	15.10	0.00	51.0
10.700	2.71	17.96	2.38	20.02	0.00	54.6
10.800	3.32	26.45	2.92	29.53	0.00	67.1
10.900	5.66	51.25	5.00	57.42	0.00	114.9
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	28.77	0.00	22.13	0.00
1.100	0.6	4.6	24.36	0.00	18.74	0.00
1.200	0.4	3.1	20.12	0.00	15.48	0.00
1.300	0.2	1.5	16.11	0.00	12.39	0.00
1.400	0.0	0.0	12.38	0.00	9.53	0.00
1.500	-0.2	-1.6	-14.12	0.00	-10.86	0.00
1.600	-0.4	-3.2	-17.64	0.00	-13.57	0.00
1.700	-0.5	-4.7	-21.68	0.00	-16.68	0.00
1.800	-0.7	-6.3	-25.44	0.00	-19.57	0.00
1.900	-0.9	-7.8	-28.87	0.00	-22.21	0.00
2.000	-1.1	-9.4	-31.91	0.00	-24.55	0.00
2.000	0.8	-9.4	30.77	0.00	23.67	0.00
2.100	0.7	6.6	27.06	0.00	20.81	0.00
2.200	0.5	5.1	23.17	0.00	17.82	0.00
2.300	0.4	3.5	19.12	0.00	14.71	0.00
2.400	0.2	2.0	15.07	0.00	11.59	0.00
2.500	0.1	0.5	11.18	0.00	8.60	0.00
2.600	-0.1	-1.2	-14.95	0.00	-11.50	0.00
2.700	-0.2	-2.7	-18.99	0.00	-14.61	0.00
2.800	-0.4	-4.3	-23.05	0.00	-17.73	0.00
2.900	-0.6	-5.8	-26.96	0.00	-20.74	0.00
3.000	-0.7	-7.3	-30.54	0.00	-23.49	0.00
3.000	0.8	7.7	30.57	0.00	23.52	0.00
3.100	0.6	6.1	27.00	0.00	20.77	0.00
3.200	0.5	4.6	23.11	0.00	17.78	0.00
3.300	0.3	3.0	19.06	0.00	14.66	0.00
3.400	0.1	1.5	15.01	0.00	11.55	0.00
3.500	0.0	-0.1	11.14	0.00	8.57	0.00
3.600	-0.2	-1.7	-15.00	0.00	-11.54	0.00
3.700	-0.3	-3.2	-19.05	0.00	-14.65	0.00
3.800	-0.5	-4.8	-23.10	0.00	-17.77	0.00
3.900	-0.6	-6.3	-27.00	0.00	-20.77	0.00
4.000	-0.8	-7.9	-30.57	0.00	-23.51	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	30.57	0.00	23.51	0.00
4.100	0.6	6.2	27.00	0.00	20.77	0.00
4.200	0.5	4.7	23.11	0.00	17.77	0.00
4.300	0.3	3.2	19.05	0.00	14.66	0.00
4.400	0.2	1.6	15.01	0.00	11.55	0.00
4.500	0.0	0.1	11.13	0.00	8.56	0.00
4.600	-0.2	-1.6	-15.01	0.00	-11.55	0.00
4.700	-0.3	-3.1	-19.05	0.00	-14.66	0.00
4.800	-0.5	-4.7	-23.10	0.00	-17.77	0.00
4.900	-0.6	-6.2	-27.00	0.00	-20.77	0.00
5.000	-0.8	-7.7	-30.57	0.00	-23.51	0.00
5.000	0.8	7.7	30.57	0.00	23.51	0.00
5.100	0.6	6.2	27.00	0.00	20.77	0.00
5.200	0.5	4.7	23.10	0.00	17.77	0.00
5.300	0.3	3.1	19.05	0.00	14.66	0.00
5.400	0.2	1.6	15.01	0.00	11.55	0.00
5.500	0.0	0.1	11.13	0.00	8.56	0.00
5.600	-0.2	-1.6	-15.01	0.00	-11.55	0.00
5.700	-0.3	-3.2	-19.05	0.00	-14.66	0.00
5.800	-0.5	-4.7	-23.10	0.00	-17.77	0.00
5.900	-0.6	-6.2	-27.00	0.00	-20.77	0.00
6.000	-0.8	-7.8	-30.57	0.00	-23.51	0.00
6.000	0.8	7.8	30.57	0.00	23.51	0.00
6.100	0.6	6.2	27.00	0.00	20.77	0.00
6.200	0.5	4.7	23.10	0.00	17.77	0.00
6.300	0.3	3.2	19.05	0.00	14.66	0.00
6.400	0.2	1.6	15.01	0.00	11.55	0.00
6.500	0.0	0.1	11.13	0.00	8.56	0.00
6.600	-0.2	-1.6	-15.01	0.00	-11.55	0.00
6.700	-0.3	-3.1	-19.05	0.00	-14.66	0.00
6.800	-0.5	-4.7	-23.11	0.00	-17.77	0.00
6.900	-0.6	-6.2	-27.00	0.00	-20.77	0.00
7.000	-0.8	-7.7	-30.57	0.00	-23.51	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	30.57	0.00	23.51	0.00
7.100	0.6	6.2	27.00	0.00	20.77	0.00
7.200	0.5	4.7	23.10	0.00	17.77	0.00
7.300	0.3	3.1	19.05	0.00	14.66	0.00
7.400	0.2	1.6	15.01	0.00	11.55	0.00
7.500	0.0	0.1	11.13	0.00	8.56	0.00
7.600	-0.2	-1.6	-15.01	0.00	-11.55	0.00
7.700	-0.3	-3.2	-19.05	0.00	-14.66	0.00
7.800	-0.5	-4.7	-23.11	0.00	-17.77	0.00
7.900	-0.6	-6.2	-27.00	0.00	-20.77	0.00
8.000	-0.8	-7.8	-30.57	0.00	-23.51	0.00
8.000	0.8	7.9	30.57	0.00	23.51	0.00
8.100	0.6	6.3	27.00	0.00	20.77	0.00
8.200	0.5	4.8	23.10	0.00	17.77	0.00
8.300	0.3	3.2	19.05	0.00	14.65	0.00
8.400	0.2	1.7	15.00	0.00	11.54	0.00
8.500	0.0	0.2	-11.14	0.00	-8.57	0.00
8.600	-0.1	-1.5	-15.01	0.00	-11.55	0.00
8.700	-0.3	-3.0	-19.06	0.00	-14.66	0.00
8.800	-0.5	-4.6	-23.11	0.00	-17.78	0.00
8.900	-0.6	-6.1	-27.00	0.00	-20.77	0.00
9.000	-0.8	-7.7	-30.57	0.00	-23.52	0.00
9.000	0.7	-7.7	30.54	0.00	23.49	0.00
9.100	0.6	5.8	26.96	0.00	20.74	0.00
9.200	0.4	4.3	23.05	0.00	17.73	0.00
9.300	0.2	2.7	18.99	0.00	14.61	0.00
9.400	0.1	1.2	14.95	0.00	11.50	0.00
9.500	-0.1	-0.4	-11.18	0.00	-8.60	0.00
9.600	-0.2	-2.0	-15.07	0.00	-11.59	0.00
9.700	-0.4	-3.5	-19.12	0.00	-14.71	0.00
9.800	-0.5	-5.1	-23.17	0.00	-17.82	0.00
9.900	-0.7	-6.6	-27.06	0.00	-20.81	0.00
10.000	-0.8	-8.1	-30.61	0.00	-23.54	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	31.91	0.00	24.55	0.00
10.100	0.9	7.8	28.87	0.00	22.21	0.00
10.200	0.7	6.3	25.44	0.00	19.57	0.00
10.300	0.5	4.7	21.68	0.00	16.68	0.00
10.400	0.4	3.2	17.64	0.00	13.57	0.00
10.500	0.2	1.7	14.12	0.00	10.86	0.00
10.600	0.0	0.0	-12.38	0.00	-9.53	0.00
10.700	-0.2	-1.5	-16.11	0.00	-12.39	0.00
10.800	-0.4	-3.1	-20.12	0.00	-15.48	0.00
10.900	-0.6	-4.6	-24.36	0.00	-18.74	0.00
11.000	-0.7	-6.2	-28.77	0.00	-22.13	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-139.3	125.5
1.100	172.1	-137.5	127.2
1.200	172.1	-135.8	128.9
1.300	172.1	-134.1	130.6
1.400	172.1	-132.4	132.4
1.500	172.1	-130.7	134.1
1.600	172.1	-128.8	135.9
1.700	172.1	-127.1	137.7
1.800	172.1	-125.4	139.4
1.900	172.1	-123.6	141.1
2.000	172.1	-121.9	142.8
2.000	151.3	-121.9	107.4
2.100	151.3	-123.7	109.1
2.200	151.3	-122.0	110.8
2.300	151.3	-120.3	112.5
2.400	151.3	-118.6	114.2
2.500	151.3	-116.9	115.8
2.600	151.3	-115.1	117.7
2.700	151.3	-113.4	119.4
2.800	151.3	-111.7	121.1
2.900	151.3	-110.0	122.7
3.000	151.3	-108.3	117.1
3.000	151.3	-108.3	108.0
3.100	151.3	-123.1	109.7
3.200	151.3	-121.4	111.4
3.300	151.3	-119.7	113.0
3.400	151.3	-118.0	114.7
3.500	151.3	-116.3	116.4
3.600	151.3	-114.5	118.3
3.700	151.3	-112.8	119.9
3.800	151.3	-111.1	121.6
3.900	151.3	-109.4	123.3
4.000	151.3	-107.7	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-107.7	107.8
4.100	151.3	-123.2	109.5
4.200	151.3	-121.5	111.2
4.300	151.3	-119.9	112.9
4.400	151.3	-118.2	114.6
4.500	151.3	-116.5	116.3
4.600	151.3	-114.6	118.1
4.700	151.3	-113.0	119.8
4.800	151.3	-111.3	121.5
4.900	151.3	-109.6	123.2
5.000	151.3	-107.9	117.1
5.000	151.3	-107.9	107.9
5.100	151.3	-123.2	109.5
5.200	151.3	-121.5	111.2
5.300	151.3	-119.8	112.9
5.400	151.3	-118.1	114.6
5.500	151.3	-116.4	116.3
5.600	151.3	-114.6	118.1
5.700	151.3	-112.9	119.8
5.800	151.3	-111.2	121.5
5.900	151.3	-109.5	123.2
6.000	151.3	-107.8	117.2
6.000	151.3	-107.8	107.8
6.100	151.3	-123.2	109.5
6.200	151.3	-121.5	111.2
6.300	151.3	-119.8	112.9
6.400	151.3	-118.1	114.6
6.500	151.3	-116.4	116.3
6.600	151.3	-114.6	118.1
6.700	151.3	-112.9	119.8
6.800	151.3	-111.2	121.5
6.900	151.3	-109.5	123.2
7.000	151.3	-107.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-107.9	107.9
7.100	151.3	-123.2	109.6
7.200	151.3	-121.5	111.3
7.300	151.3	-119.8	113.0
7.400	151.3	-118.1	114.6
7.500	151.3	-116.4	116.3
7.600	151.3	-114.6	118.2
7.700	151.3	-112.9	119.9
7.800	151.3	-111.2	121.5
7.900	151.3	-109.5	123.2
8.000	151.3	-107.8	117.2
8.000	151.3	-107.8	107.7
8.100	151.3	-123.3	109.4
8.200	151.3	-121.6	111.1
8.300	151.3	-119.9	112.8
8.400	151.3	-118.3	114.5
8.500	151.3	-116.6	116.2
8.600	151.3	-114.7	118.0
8.700	151.3	-113.0	119.7
8.800	151.3	-111.4	121.4
8.900	151.3	-109.7	123.1
9.000	151.3	-108.0	117.1
9.000	151.3	-108.0	108.3
9.100	151.3	-122.7	110.0
9.200	151.3	-121.1	111.7
9.300	151.3	-119.4	113.4
9.400	151.3	-117.7	115.1
9.500	151.3	-116.0	116.8
9.600	151.3	-114.2	118.6
9.700	151.3	-112.5	120.3
9.800	151.3	-110.8	122.0
9.900	151.3	-109.1	123.7
10.000	151.3	-107.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-107.4	121.9
10.100	172.1	-141.1	123.6
10.200	172.1	-139.4	125.4
10.300	172.1	-137.7	127.1
10.400	172.1	-135.9	128.8
10.500	172.1	-134.2	130.5
10.600	172.1	-132.4	132.4
10.700	172.1	-130.6	134.1
10.800	172.1	-128.9	135.8
10.900	172.1	-127.2	137.5
11.000	172.1	-125.5	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	53.34	4.36	0.00	100.3
1.100	52.68	5.22	0.00	120.1
1.200	32.57	6.41	0.00	147.3
1.300	17.66	8.11	0.00	186.5
1.400	12.12	10.69	0.00	245.9
1.500	9.25	14.90	0.00	212.8
1.600	7.30	22.64	0.00	167.9
1.700	5.86	40.11	0.00	134.8
1.800	4.93	107.27	0.00	113.3
1.900	4.28	201.70	0.00	98.5
2.000	3.82	204.16	0.00	87.9
2.000	3.82	3.49	0.00	80.3
2.100	37.92	4.03	0.00	92.7
2.200	37.40	4.78	0.00	109.9
2.300	28.18	5.88	0.00	135.3
2.400	15.86	7.58	0.00	174.2
2.500	10.56	10.36	0.00	238.3
2.600	7.70	15.50	0.00	177.0
2.700	5.97	27.18	0.00	137.3
2.800	4.84	33.22	0.00	111.4
2.900	4.08	33.68	0.00	93.9
3.000	3.55	32.13	0.00	81.6
3.000	3.55	3.53	0.00	81.2
3.100	37.93	4.06	0.00	93.4
3.200	37.41	4.82	0.00	110.8
3.300	27.39	5.93	0.00	136.4
3.400	15.63	7.64	0.00	175.8
3.500	10.45	10.45	0.00	240.4
3.600	7.63	15.65	0.00	175.5
3.700	5.92	27.43	0.00	136.2
3.800	4.81	37.68	0.00	110.6
3.900	4.05	38.20	0.00	93.2
4.000	3.52	36.29	0.00	81.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.52	3.53	0.00	81.1
4.100	37.99	4.06	0.00	93.3
4.200	37.47	4.81	0.00	110.7
4.300	27.42	5.93	0.00	136.3
4.400	15.64	7.63	0.00	175.6
4.500	10.46	10.44	0.00	240.2
4.600	7.64	15.63	0.00	175.7
4.700	5.93	27.41	0.00	136.4
4.800	4.82	37.46	0.00	110.8
4.900	4.06	37.99	0.00	93.3
5.000	3.53	36.13	0.00	81.2
5.000	3.53	3.53	0.00	81.2
5.100	37.98	4.06	0.00	93.3
5.200	37.46	4.81	0.00	110.7
5.300	27.41	5.93	0.00	136.3
5.400	15.64	7.64	0.00	175.7
5.500	10.46	10.45	0.00	240.3
5.600	7.64	15.64	0.00	175.6
5.700	5.93	27.42	0.00	136.3
5.800	4.81	37.47	0.00	110.7
5.900	4.06	37.99	0.00	93.3
6.000	3.53	36.12	0.00	81.1
6.000	3.53	3.53	0.00	81.1
6.100	37.99	4.06	0.00	93.3
6.200	37.47	4.81	0.00	110.7
6.300	27.42	5.93	0.00	136.3
6.400	15.64	7.64	0.00	175.6
6.500	10.46	10.44	0.00	240.2
6.600	7.64	15.64	0.00	175.7
6.700	5.93	27.41	0.00	136.3
6.800	4.81	37.46	0.00	110.7
6.900	4.06	37.98	0.00	93.3
7.000	3.53	36.12	0.00	81.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.53	3.53	0.00	81.2
7.100	37.99	4.06	0.00	93.3
7.200	37.46	4.82	0.00	110.8
7.300	27.41	5.93	0.00	136.4
7.400	15.63	7.64	0.00	175.7
7.500	10.45	10.45	0.00	240.3
7.600	7.63	15.64	0.00	175.6
7.700	5.93	27.42	0.00	136.3
7.800	4.81	37.47	0.00	110.7
7.900	4.06	37.99	0.00	93.3
8.000	3.53	36.12	0.00	81.1
8.000	3.53	3.52	0.00	81.1
8.100	38.20	4.05	0.00	93.2
8.200	37.68	4.81	0.00	110.6
8.300	27.43	5.92	0.00	136.2
8.400	15.65	7.63	0.00	175.5
8.500	10.47	10.44	0.00	240.1
8.600	7.64	15.63	0.00	175.8
8.700	5.93	27.39	0.00	136.4
8.800	4.82	37.41	0.00	110.8
8.900	4.06	37.93	0.00	93.4
9.000	3.53	36.10	0.00	81.2
9.000	3.53	3.55	0.00	81.2
9.100	33.68	4.08	0.00	93.9
9.200	33.22	4.84	0.00	111.4
9.300	27.18	5.97	0.00	137.3
9.400	15.50	7.70	0.00	177.0
9.500	10.37	10.55	0.00	238.5
9.600	7.58	15.86	0.00	174.2
9.700	5.88	28.18	0.00	135.3
9.800	4.78	37.40	0.00	109.9
9.900	4.03	37.92	0.00	92.7
10.000	3.51	35.94	0.00	80.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.51	3.82	0.00	80.7
10.100	201.70	4.28	0.00	98.5
10.200	107.27	4.93	0.00	113.3
10.300	40.11	5.86	0.00	134.8
10.400	22.64	7.30	0.00	167.9
10.500	14.92	9.24	0.00	212.6
10.600	10.69	12.12	0.00	245.9
10.700	8.11	17.66	0.00	186.5
10.800	6.41	32.57	0.00	147.3
10.900	5.22	52.68	0.00	120.1
11.000	4.36	999.00	0.00	100.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
1.200	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
1.300	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
1.400	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
1.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
1.600	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
1.700	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
1.800	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
1.900	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
2.000	332.2	332.2	-332.2	-332.2	376.6	376.6	-287.8	-287.8
2.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
2.100	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
2.200	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
2.300	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
2.400	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
2.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
2.600	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
2.700	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
2.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
2.900	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5

3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.100	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4
3.200	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
3.300	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
3.400	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
3.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
3.600	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
3.700	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
3.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
3.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
4.100	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
4.200	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
4.300	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
4.400	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
4.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
4.600	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
4.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
4.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
4.900	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.100	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
5.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
5.300	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
5.400	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
5.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
5.600	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
5.700	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
5.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
5.900	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9
6.100	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2
6.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
6.300	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
6.400	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
6.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
6.600	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
6.700	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
6.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
6.900	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
7.100	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
7.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
7.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
7.400	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
7.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
7.600	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
7.700	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
7.800	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
7.900	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
8.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
8.300	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
8.400	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
8.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
8.600	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
8.700	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
8.800	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
8.900	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
9.100	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5
9.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
9.300	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
9.400	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
9.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
9.600	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
9.700	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
9.800	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
9.900	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
10.100	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
10.200	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
10.300	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
10.400	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
10.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
10.600	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
10.700	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
10.800	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
10.900	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.21	53.21	5.21	53.21	0.00	119.8
1.200	3.05	27.43	3.05	27.43	0.00	70.0
1.300	2.48	18.62	2.48	18.62	0.00	57.1
1.400	2.32	14.05	2.32	14.05	0.00	53.3
1.500	2.38	11.17	2.38	11.17	0.00	54.8
1.600	2.75	9.14	2.75	9.14	0.00	63.2
1.700	3.49	7.59	3.49	7.59	0.00	80.3
1.800	5.88	6.35	5.88	6.35	0.00	135.1
1.900	22.41	5.31	22.41	5.31	0.00	122.1
2.000	21.54	3.85	21.54	3.85	0.00	88.5
2.000	18.52	3.14	18.52	3.14	0.00	72.3
2.100	28.43	4.07	28.43	4.07	0.00	93.6
2.200	5.62	5.06	5.62	5.06	0.00	116.4
2.300	3.48	6.36	3.48	6.36	0.00	80.1
2.400	2.85	8.22	2.85	8.22	0.00	65.6
2.500	2.65	11.19	2.65	11.19	0.00	60.9
2.600	2.82	9.33	2.82	9.33	0.00	64.8
2.700	3.40	7.27	3.40	7.27	0.00	78.1
2.800	5.38	5.83	5.38	5.83	0.00	123.8
2.900	19.65	4.73	19.65	4.73	0.00	108.8
3.000	16.22	3.50	16.22	3.50	0.00	80.6
3.000	16.22	3.50	16.22	3.50	0.00	80.6
3.100	17.45	4.77	17.45	4.77	0.00	109.8
3.200	5.36	5.89	5.36	5.89	0.00	123.2
3.300	3.36	7.36	3.36	7.36	0.00	77.3
3.400	2.78	9.46	2.78	9.46	0.00	63.8
3.500	2.59	12.76	2.59	12.76	0.00	59.7
3.600	2.78	9.40	2.78	9.40	0.00	64.0
3.700	3.37	7.30	3.37	7.30	0.00	77.6
3.800	5.39	5.83	5.39	5.83	0.00	123.9
3.900	19.77	4.71	19.77	4.71	0.00	108.3
4.000	18.40	3.46	18.40	3.46	0.00	79.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.40	3.46	18.40	3.46	0.00	79.6
4.100	19.88	4.70	19.88	4.70	0.00	108.2
4.200	5.39	5.82	5.39	5.82	0.00	124.1
4.300	3.38	7.28	3.38	7.28	0.00	77.8
4.400	2.79	9.37	2.79	9.37	0.00	64.2
4.500	2.60	12.71	2.60	12.71	0.00	59.9
4.600	2.79	9.37	2.79	9.37	0.00	64.1
4.700	3.38	7.29	3.38	7.29	0.00	77.7
4.800	5.38	5.83	5.38	5.83	0.00	123.8
4.900	19.74	4.72	19.74	4.72	0.00	108.5
5.000	18.36	3.47	18.36	3.47	0.00	79.9
5.000	18.36	3.47	18.36	3.47	0.00	79.9
5.100	19.75	4.72	19.75	4.72	0.00	108.5
5.200	5.38	5.83	5.38	5.83	0.00	123.8
5.300	3.38	7.30	3.38	7.30	0.00	77.7
5.400	2.79	9.38	2.79	9.38	0.00	64.1
5.500	2.60	12.72	2.60	12.72	0.00	59.8
5.600	2.79	9.38	2.79	9.38	0.00	64.1
5.700	3.38	7.29	3.38	7.29	0.00	77.7
5.800	5.39	5.83	5.39	5.83	0.00	123.9
5.900	19.76	4.71	19.76	4.71	0.00	108.4
6.000	18.37	3.47	18.37	3.47	0.00	79.8
6.000	18.37	3.47	18.37	3.47	0.00	79.8
6.100	19.76	4.71	19.76	4.71	0.00	108.4
6.200	5.39	5.83	5.39	5.83	0.00	123.9
6.300	3.38	7.29	3.38	7.29	0.00	77.7
6.400	2.79	9.38	2.79	9.38	0.00	64.1
6.500	2.60	12.72	2.60	12.72	0.00	59.8
6.600	2.79	9.38	2.79	9.38	0.00	64.1
6.700	3.38	7.30	3.38	7.30	0.00	77.7
6.800	5.38	5.83	5.38	5.83	0.00	123.8
6.900	19.75	4.72	19.75	4.72	0.00	108.5
7.000	18.36	3.47	18.36	3.47	0.00	79.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.36	3.47	18.36	3.47	0.00	79.9
7.100	19.74	4.72	19.74	4.72	0.00	108.5
7.200	5.38	5.83	5.38	5.83	0.00	123.8
7.300	3.38	7.29	3.38	7.29	0.00	77.7
7.400	2.79	9.37	2.79	9.37	0.00	64.1
7.500	2.60	12.71	2.60	12.71	0.00	59.9
7.600	2.79	9.37	2.79	9.37	0.00	64.2
7.700	3.38	7.28	3.38	7.28	0.00	77.8
7.800	5.39	5.82	5.39	5.82	0.00	124.1
7.900	19.88	4.70	19.88	4.70	0.00	108.2
8.000	18.40	3.46	18.40	3.46	0.00	79.6
8.000	18.40	3.46	18.40	3.46	0.00	79.6
8.100	19.77	4.71	19.77	4.71	0.00	108.3
8.200	5.39	5.83	5.39	5.83	0.00	123.9
8.300	3.37	7.30	3.37	7.30	0.00	77.6
8.400	2.78	9.40	2.78	9.40	0.00	64.0
8.500	2.59	12.76	2.59	12.76	0.00	59.7
8.600	2.78	9.46	2.78	9.46	0.00	63.8
8.700	3.36	7.36	3.36	7.36	0.00	77.3
8.800	5.36	5.89	5.36	5.89	0.00	123.2
8.900	17.45	4.77	17.45	4.77	0.00	109.8
9.000	16.22	3.50	16.22	3.50	0.00	80.6
9.000	16.22	3.50	16.22	3.50	0.00	80.6
9.100	19.65	4.73	19.65	4.73	0.00	108.8
9.200	5.38	5.83	5.38	5.83	0.00	123.7
9.300	3.40	7.27	3.40	7.27	0.00	78.1
9.400	2.82	9.33	2.82	9.33	0.00	64.8
9.500	2.65	11.19	2.65	11.19	0.00	60.9
9.600	2.85	8.22	2.85	8.22	0.00	65.6
9.700	3.48	6.36	3.48	6.36	0.00	80.1
9.800	5.62	5.06	5.62	5.06	0.00	116.4
9.900	28.43	4.07	28.43	4.07	0.00	93.6
10.000	18.52	3.14	18.52	3.14	0.00	72.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	18.52	3.14	18.52	3.14	0.00	72.3
10.100	22.41	5.31	22.41	5.31	0.00	122.1
10.200	5.88	6.35	5.88	6.35	0.00	135.1
10.300	3.49	7.59	3.49	7.59	0.00	80.3
10.400	2.75	9.14	2.75	9.14	0.00	63.2
10.500	2.38	11.17	2.38	11.17	0.00	54.8
10.600	2.32	14.05	2.32	14.05	0.00	53.3
10.700	2.48	18.62	2.48	18.62	0.00	57.1
10.800	3.05	27.43	3.05	27.43	0.00	70.0
10.900	5.21	53.21	5.21	53.21	0.00	119.8
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	62.26	R	0.00	47.89	0.00
1.200	2.8	23.1	100.96	R	0.00	77.66	0.00
1.300	3.5	28.9	126.12	R	0.00	97.01	0.00
1.400	3.7	30.8	137.69	R	0.00	105.92	0.00
1.500	3.5	28.9	133.85	L	0.00	102.96	0.00
1.600	2.8	22.8	119.88	L	0.00	92.22	0.00
1.700	1.7	12.9	93.34	L	0.00	71.80	0.00
1.800	0.1	-0.9	-56.55	R	0.00	-43.50	0.00
1.900	-2.0	-18.5	-63.62	R	0.00	-48.94	0.00
2.000	-4.5	-40.0	-90.16	R	0.00	-69.35	0.00
2.000	-4.5	-40.0	-90.16	R	0.00	-69.35	0.00
2.100	-2.6	-21.5	-67.84	L	0.00	-52.18	0.00
2.200	-1.0	-6.9	-57.99	L	0.00	-44.60	0.00
2.300	0.1	3.9	81.20	R	0.00	62.46	0.00
2.400	0.8	10.8	100.69	R	0.00	77.45	0.00
2.500	1.2	13.9	104.34	R	0.00	80.26	0.00
2.600	1.1	12.8	101.08	L	0.00	77.76	0.00
2.700	0.7	7.8	81.93	L	0.00	63.03	0.00
2.800	-0.1	-0.9	-51.71	R	0.00	-39.77	0.00
2.900	-1.3	-13.5	-60.54	R	0.00	-46.57	0.00
3.000	-2.9	-30.0	-83.21	L	0.00	-64.01	0.00
3.000	-2.9	-30.0	-83.21	L	0.00	-64.01	0.00
3.100	-1.2	-12.8	-60.20	L	0.00	-46.31	0.00
3.200	0.1	0.5	-51.46	L	0.00	-39.59	0.00
3.300	1.0	10.0	82.00	R	0.00	63.08	0.00
3.400	1.6	15.7	101.33	R	0.00	77.94	0.00
3.500	1.7	17.5	104.77	L	0.00	80.59	0.00
3.600	1.5	15.2	101.35	L	0.00	77.96	0.00
3.700	0.9	9.0	82.05	L	0.00	63.12	0.00
3.800	-0.1	-1.1	-51.70	R	0.00	-39.77	0.00
3.900	-1.5	-15.0	-60.49	R	0.00	-46.53	0.00
4.000	-3.3	-32.7	-83.16	L	0.00	-63.97	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-32.7	-83.16	L	0.00	-63.97	0.00
4.100	-1.6	-15.2	-60.46	L	0.00	-46.51	0.00
4.200	-0.2	-1.5	-51.68	L	0.00	-39.76	0.00
4.300	0.8	8.4	82.06	R	0.00	63.12	0.00
4.400	1.4	14.4	101.37	R	0.00	77.98	0.00
4.500	1.6	16.5	104.80	L	0.00	80.62	0.00
4.600	1.4	14.5	101.37	L	0.00	77.98	0.00
4.700	0.8	8.7	82.06	L	0.00	63.12	0.00
4.800	-0.1	-1.0	-51.70	R	0.00	-39.77	0.00
4.900	-1.5	-14.6	-60.48	R	0.00	-46.53	0.00
5.000	-3.2	-32.0	-83.16	L	0.00	-63.97	0.00
5.000	-3.2	-32.0	-83.16	L	0.00	-63.97	0.00
5.100	-1.5	-14.5	-60.48	L	0.00	-46.53	0.00
5.200	-0.1	-0.9	-51.70	L	0.00	-39.77	0.00
5.300	0.9	8.8	82.06	R	0.00	63.12	0.00
5.400	1.4	14.7	101.37	R	0.00	77.98	0.00
5.500	1.6	16.8	104.80	R	0.00	80.62	0.00
5.600	1.4	14.7	101.37	L	0.00	77.98	0.00
5.700	0.8	8.7	82.06	L	0.00	63.12	0.00
5.800	-0.1	-1.1	-51.70	R	0.00	-39.77	0.00
5.900	-1.5	-14.7	-60.48	R	0.00	-46.53	0.00
6.000	-3.3	-32.2	-83.16	R	0.00	-63.97	0.00
6.000	-3.3	-32.2	-83.16	R	0.00	-63.97	0.00
6.100	-1.5	-14.7	-60.48	L	0.00	-46.53	0.00
6.200	-0.1	-1.1	-51.70	L	0.00	-39.77	0.00
6.300	0.8	8.7	82.06	R	0.00	63.13	0.00
6.400	1.4	14.7	101.37	R	0.00	77.98	0.00
6.500	1.6	16.8	104.80	R	0.00	80.62	0.00
6.600	1.4	14.7	101.37	L	0.00	77.98	0.00
6.700	0.9	8.8	82.06	L	0.00	63.12	0.00
6.800	-0.1	-0.9	-51.70	R	0.00	-39.77	0.00
6.900	-1.5	-14.5	-60.48	R	0.00	-46.53	0.00
7.000	-3.2	-32.0	-83.16	R	0.00	-63.97	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-83.16	R	0.00	-63.97	0.00
7.100	-1.5	-14.6	-60.48	L	0.00	-46.53	0.00
7.200	-0.1	-1.0	-51.70	L	0.00	-39.77	0.00
7.300	0.8	8.7	82.06	R	0.00	63.12	0.00
7.400	1.4	14.5	101.37	R	0.00	77.98	0.00
7.500	1.6	16.5	104.80	R	0.00	80.62	0.00
7.600	1.4	14.4	101.37	L	0.00	77.98	0.00
7.700	0.8	8.4	82.06	L	0.00	63.12	0.00
7.800	-0.2	-1.5	-51.68	R	0.00	-39.76	0.00
7.900	-1.6	-15.2	-60.46	R	0.00	-46.51	0.00
8.000	-3.3	-32.7	-83.16	R	0.00	-63.97	0.00
8.000	-3.3	-32.7	-83.16	R	0.00	-63.97	0.00
8.100	-1.5	-15.0	-60.49	L	0.00	-46.53	0.00
8.200	-0.1	-1.1	-51.70	L	0.00	-39.77	0.00
8.300	0.9	9.0	82.05	R	0.00	63.12	0.00
8.400	1.5	15.2	101.35	R	0.00	77.96	0.00
8.500	1.7	17.5	104.77	R	0.00	80.59	0.00
8.600	1.6	15.7	101.32	L	0.00	77.94	0.00
8.700	1.0	10.0	82.00	L	0.00	63.08	0.00
8.800	0.1	0.5	-51.46	R	0.00	-39.59	0.00
8.900	-1.2	-12.8	-60.20	R	0.00	-46.31	0.00
9.000	-2.9	-30.0	-83.21	R	0.00	-64.01	0.00
9.000	-2.9	-30.0	-83.21	R	0.00	-64.01	0.00
9.100	-1.3	-13.5	-60.54	L	0.00	-46.57	0.00
9.200	-0.1	-0.9	-51.71	L	0.00	-39.77	0.00
9.300	0.7	7.8	81.93	R	0.00	63.03	0.00
9.400	1.1	12.8	101.08	R	0.00	77.76	0.00
9.500	1.2	13.9	104.34	L	0.00	80.26	0.00
9.600	0.8	10.8	100.69	L	0.00	77.45	0.00
9.700	0.1	3.9	81.20	L	0.00	62.46	0.00
9.800	-1.0	-6.9	-57.99	R	0.00	-44.60	0.00
9.900	-2.6	-21.5	-67.84	R	0.00	-52.18	0.00
10.000	-4.5	-40.0	-90.16	L	0.00	-69.35	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-40.0	-90.16	L	0.00	-69.35	0.00
10.100	-2.0	-18.5	-63.62	L	0.00	-48.94	0.00
10.200	0.1	-0.9	-56.55	L	0.00	-43.50	0.00
10.300	1.7	12.9	93.34	R	0.00	71.80	0.00
10.400	2.8	22.8	119.88	R	0.00	92.22	0.00
10.500	3.5	28.9	133.85	R	0.00	102.96	0.00
10.600	3.7	30.8	137.69	L	0.00	105.92	0.00
10.700	3.5	28.9	126.12	L	0.00	97.01	0.00
10.800	2.8	23.1	100.96	L	0.00	77.66	0.00
10.900	1.6	13.5	62.26	L	0.00	47.89	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
1.200	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
1.300	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
1.400	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
1.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
1.600	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
1.700	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
1.800	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
1.900	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
2.000	359.7C	319.4	-319.4	-359.7C	404.1	363.9	-275.0	-315.2
2.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2
2.100	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
2.200	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
2.300	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
2.400	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
2.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
2.600	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
2.700	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
2.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
2.900	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.100	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6
3.200	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
3.400	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
3.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
3.600	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
3.700	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
3.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
3.900	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
4.100	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
4.200	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
4.300	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
4.400	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
4.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
4.600	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
4.700	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
4.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
4.900	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.100	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
5.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
5.300	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
5.400	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
5.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
5.600	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
5.700	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
5.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
5.900	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2
6.100	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4
6.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
6.300	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
6.400	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
6.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
6.600	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
6.700	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
6.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
6.900	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
7.100	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
7.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
7.300	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
7.400	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
7.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
7.600	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
7.700	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
7.800	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
7.900	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.100	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
8.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
8.300	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
8.400	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
8.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
8.600	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
8.700	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
8.800	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7
9.100	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8
9.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
9.300	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
9.400	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
9.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
9.600	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
9.700	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
9.800	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
9.900	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
10.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	404.1	313.1	-224.2	-315.2
10.100	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
10.200	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
10.300	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
10.400	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
10.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
10.600	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
10.700	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
10.800	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
10.900	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.53	47.32	4.89	53.02	0.00	132.0
1.200	3.31	24.42	2.91	27.27	0.00	78.5
1.300	2.60	16.59	2.28	18.49	0.00	61.5
1.400	2.36	12.52	2.07	13.94	0.00	55.9
1.500	2.45	9.95	2.14	11.09	0.00	57.9
1.600	2.79	8.14	2.45	9.08	0.00	66.2
1.700	3.70	6.75	3.27	7.56	0.00	88.2
1.800	6.81	5.63	6.05	6.35	0.00	152.1
1.900	22.62	4.70	20.23	5.33	0.00	126.9
2.000	21.34	3.05	19.21	3.50	0.00	82.3
2.000	18.22	2.49	16.53	2.84	0.00	67.1
2.100	32.58	3.61	29.38	4.08	0.00	97.3
2.200	6.55	4.50	5.87	5.05	0.00	121.4
2.300	3.65	5.66	3.26	6.33	0.00	88.0
2.400	2.87	7.32	2.55	8.16	0.00	68.9
2.500	2.74	9.98	2.43	11.10	0.00	65.6
2.600	2.84	8.30	2.52	9.24	0.00	68.0
2.700	3.57	6.47	3.17	7.21	0.00	85.7
2.800	6.28	5.18	5.62	5.79	0.00	139.7
2.900	19.73	4.19	17.73	4.72	0.00	113.2
3.000	16.02	2.83	14.49	3.22	0.00	76.5
3.000	16.02	2.83	14.49	3.22	0.00	76.5
3.100	17.49	4.23	15.71	4.76	0.00	114.2
3.200	6.26	5.23	5.59	5.85	0.00	141.3
3.300	3.53	6.55	3.14	7.30	0.00	84.8
3.400	2.80	8.41	2.48	9.36	0.00	67.0
3.500	2.69	11.36	2.38	12.62	0.00	64.3
3.600	2.80	8.36	2.49	9.30	0.00	67.1
3.700	3.54	6.49	3.15	7.24	0.00	85.2
3.800	6.29	5.17	5.62	5.79	0.00	139.7
3.900	19.85	4.17	17.85	4.70	0.00	112.6
4.000	18.14	2.80	16.41	3.18	0.00	75.5

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.14	2.80	16.41	3.18	0.00	75.5
4.100	19.96	4.17	17.95	4.70	0.00	112.5
4.200	6.30	5.17	5.63	5.78	0.00	139.5
4.300	3.55	6.47	3.16	7.22	0.00	85.4
4.400	2.81	8.34	2.49	9.27	0.00	67.4
4.500	2.70	11.31	2.39	12.57	0.00	64.5
4.600	2.81	8.34	2.49	9.27	0.00	67.3
4.700	3.55	6.48	3.16	7.23	0.00	85.3
4.800	6.29	5.17	5.62	5.79	0.00	139.7
4.900	19.82	4.18	17.82	4.70	0.00	112.8
5.000	18.09	2.81	16.37	3.19	0.00	75.8
5.000	18.09	2.81	16.37	3.19	0.00	75.8
5.100	19.83	4.18	17.82	4.71	0.00	112.8
5.200	6.28	5.18	5.62	5.80	0.00	139.8
5.300	3.55	6.49	3.16	7.23	0.00	85.2
5.400	2.81	8.34	2.49	9.28	0.00	67.3
5.500	2.69	11.32	2.39	12.58	0.00	64.5
5.600	2.81	8.34	2.49	9.28	0.00	67.3
5.700	3.55	6.48	3.16	7.23	0.00	85.2
5.800	6.29	5.17	5.62	5.79	0.00	139.7
5.900	19.83	4.17	17.83	4.70	0.00	112.7
6.000	18.11	2.80	16.39	3.19	0.00	75.7
6.000	18.11	2.80	16.39	3.19	0.00	75.7
6.100	19.83	4.17	17.83	4.70	0.00	112.7
6.200	6.29	5.17	5.62	5.79	0.00	139.7
6.300	3.55	6.48	3.16	7.23	0.00	85.2
6.400	2.81	8.34	2.49	9.28	0.00	67.3
6.500	2.69	11.32	2.39	12.58	0.00	64.5
6.600	2.81	8.34	2.49	9.28	0.00	67.3
6.700	3.55	6.49	3.16	7.23	0.00	85.2
6.800	6.29	5.18	5.62	5.80	0.00	139.8
6.900	19.83	4.18	17.82	4.71	0.00	112.8
7.000	18.09	2.81	16.37	3.19	0.00	75.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.09	2.81	16.37	3.19	0.00	75.8
7.100	19.82	4.18	17.82	4.70	0.00	112.8
7.200	6.29	5.17	5.62	5.79	0.00	139.7
7.300	3.55	6.48	3.16	7.23	0.00	85.3
7.400	2.81	8.34	2.49	9.27	0.00	67.3
7.500	2.70	11.31	2.39	12.57	0.00	64.5
7.600	2.81	8.34	2.49	9.27	0.00	67.4
7.700	3.55	6.47	3.16	7.22	0.00	85.4
7.800	6.30	5.17	5.63	5.78	0.00	139.5
7.900	19.96	4.17	17.95	4.70	0.00	112.5
8.000	18.14	2.80	16.41	3.18	0.00	75.5
8.000	18.14	2.80	16.41	3.18	0.00	75.5
8.100	19.85	4.17	17.85	4.70	0.00	112.6
8.200	6.29	5.17	5.62	5.79	0.00	139.7
8.300	3.54	6.49	3.15	7.24	0.00	85.2
8.400	2.80	8.36	2.49	9.30	0.00	67.1
8.500	2.69	11.36	2.38	12.62	0.00	64.3
8.600	2.80	8.41	2.48	9.36	0.00	67.0
8.700	3.53	6.55	3.14	7.30	0.00	84.8
8.800	6.26	5.23	5.59	5.86	0.00	141.3
8.900	17.49	4.23	15.71	4.76	0.00	114.2
9.000	16.02	2.83	14.49	3.22	0.00	76.5
9.000	16.02	2.83	14.49	3.22	0.00	76.5
9.100	19.73	4.19	17.73	4.72	0.00	113.2
9.200	6.28	5.18	5.62	5.79	0.00	139.7
9.300	3.57	6.47	3.17	7.21	0.00	85.7
9.400	2.84	8.30	2.52	9.24	0.00	68.0
9.500	2.74	9.98	2.43	11.10	0.00	65.6
9.600	2.87	7.32	2.55	8.16	0.00	68.9
9.700	3.65	5.66	3.26	6.33	0.00	88.0
9.800	6.55	4.50	5.87	5.05	0.00	121.4
9.900	32.58	3.61	29.38	4.08	0.00	97.3
10.000	18.22	2.49	16.53	2.84	0.00	67.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	21.34	2.49	16.53	3.50	0.00	67.1
10.100	22.62	4.70	20.23	5.33	0.00	126.9
10.200	6.81	5.63	6.05	6.35	0.00	152.1
10.300	3.70	6.75	3.27	7.56	0.00	88.2
10.400	2.79	8.14	2.45	9.08	0.00	66.2
10.500	2.45	9.95	2.14	11.09	0.00	57.9
10.600	2.36	12.52	2.07	13.94	0.00	55.9
10.700	2.60	16.59	2.28	18.49	0.00	61.5
10.800	3.31	24.42	2.91	27.27	0.00	78.5
10.900	5.53	47.32	4.89	53.02	0.00	132.0
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	29.87	0.00	22.97	0.00
1.100	0.6	4.6	24.90	0.00	19.16	0.00
1.200	0.4	3.1	20.19	0.00	15.53	0.00
1.300	0.2	1.5	15.89	0.00	12.22	0.00
1.400	0.0	0.0	11.80	0.00	9.08	0.00
1.500	-0.2	-1.6	-14.21	0.00	-10.93	0.00
1.600	-0.4	-3.2	-18.09	0.00	-13.92	0.00
1.700	-0.5	-4.7	-22.18	0.00	-17.06	0.00
1.800	-0.7	-6.3	-26.13	0.00	-20.10	0.00
1.900	-0.9	-7.8	-30.41	0.00	-23.39	0.00
2.000	-1.1	-9.4	-34.28	0.00	-26.37	0.00
2.000	0.8	-9.4	32.52	0.00	25.01	0.00
2.100	0.7	6.6	28.06	0.00	21.59	0.00
2.200	0.5	5.1	23.81	0.00	18.32	0.00
2.300	0.4	3.5	19.55	0.00	15.04	0.00
2.400	0.2	2.0	15.06	0.00	11.58	0.00
2.500	0.1	0.5	10.46	0.00	8.04	0.00
2.600	-0.1	-1.2	-14.93	0.00	-11.48	0.00
2.700	-0.2	-2.7	-19.42	0.00	-14.94	0.00
2.800	-0.4	-4.3	-23.67	0.00	-18.20	0.00
2.900	-0.6	-5.8	-27.94	0.00	-21.49	0.00
3.000	-0.7	-7.3	-32.28	0.00	-24.83	0.00
3.000	0.8	7.7	32.33	0.00	24.87	0.00
3.100	0.6	6.1	28.00	0.00	21.54	0.00
3.200	0.5	4.6	23.72	0.00	18.24	0.00
3.300	0.3	3.0	19.48	0.00	14.99	0.00
3.400	0.1	1.5	15.00	0.00	11.54	0.00
3.500	0.0	-0.1	10.40	0.00	8.00	0.00
3.600	-0.2	-1.7	-14.99	0.00	-11.53	0.00
3.700	-0.3	-3.2	-19.48	0.00	-14.98	0.00
3.800	-0.5	-4.8	-23.71	0.00	-18.24	0.00
3.900	-0.6	-6.3	-27.99	0.00	-21.53	0.00
4.000	-0.8	-7.9	-32.32	0.00	-24.86	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	32.33	0.00	24.87	0.00
4.100	0.6	6.2	28.00	0.00	21.54	0.00
4.200	0.5	4.7	23.71	0.00	18.24	0.00
4.300	0.3	3.2	19.48	0.00	14.98	0.00
4.400	0.2	1.6	14.99	0.00	11.53	0.00
4.500	0.0	0.1	10.40	0.00	8.00	0.00
4.600	-0.2	-1.6	-14.99	0.00	-11.53	0.00
4.700	-0.3	-3.1	-19.48	0.00	-14.98	0.00
4.800	-0.5	-4.7	-23.71	0.00	-18.24	0.00
4.900	-0.6	-6.2	-28.00	0.00	-21.53	0.00
5.000	-0.8	-7.7	-32.33	0.00	-24.87	0.00
5.000	0.8	7.7	32.33	0.00	24.87	0.00
5.100	0.6	6.2	28.00	0.00	21.54	0.00
5.200	0.5	4.7	23.71	0.00	18.24	0.00
5.300	0.3	3.1	19.48	0.00	14.98	0.00
5.400	0.2	1.6	14.99	0.00	11.53	0.00
5.500	0.0	0.1	10.39	0.00	8.00	0.00
5.600	-0.2	-1.6	-14.99	0.00	-11.53	0.00
5.700	-0.3	-3.2	-19.48	0.00	-14.98	0.00
5.800	-0.5	-4.7	-23.71	0.00	-18.24	0.00
5.900	-0.6	-6.2	-28.00	0.00	-21.54	0.00
6.000	-0.8	-7.8	-32.33	0.00	-24.87	0.00
6.000	0.8	7.8	32.33	0.00	24.87	0.00
6.100	0.6	6.2	28.00	0.00	21.54	0.00
6.200	0.5	4.7	23.71	0.00	18.24	0.00
6.300	0.3	3.2	19.48	0.00	14.98	0.00
6.400	0.2	1.6	14.99	0.00	11.53	0.00
6.500	0.0	0.1	10.39	0.00	8.00	0.00
6.600	-0.2	-1.6	-14.99	0.00	-11.53	0.00
6.700	-0.3	-3.1	-19.48	0.00	-14.98	0.00
6.800	-0.5	-4.7	-23.71	0.00	-18.24	0.00
6.900	-0.6	-6.2	-28.00	0.00	-21.54	0.00
7.000	-0.8	-7.7	-32.33	0.00	-24.87	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	32.32	0.00	24.87	0.00
7.100	0.6	6.2	28.00	0.00	21.53	0.00
7.200	0.5	4.7	23.71	0.00	18.24	0.00
7.300	0.3	3.1	19.48	0.00	14.98	0.00
7.400	0.2	1.6	14.99	0.00	11.53	0.00
7.500	0.0	0.1	-10.40	0.00	8.00	0.00
7.600	-0.2	-1.6	-14.99	0.00	-11.53	0.00
7.700	-0.3	-3.2	-19.48	0.00	-14.98	0.00
7.800	-0.5	-4.7	-23.71	0.00	-18.24	0.00
7.900	-0.6	-6.2	-28.00	0.00	-21.54	0.00
8.000	-0.8	-7.8	-32.33	0.00	-24.87	0.00
8.000	0.8	7.9	32.32	0.00	24.86	0.00
8.100	0.6	6.3	27.99	0.00	21.53	0.00
8.200	0.5	4.8	23.71	0.00	18.24	0.00
8.300	0.3	3.2	19.48	0.00	14.98	0.00
8.400	0.2	1.7	14.99	0.00	11.53	0.00
8.500	0.0	0.2	-10.40	0.00	-8.00	0.00
8.600	-0.1	-1.5	-15.00	0.00	-11.54	0.00
8.700	-0.3	-3.0	-19.48	0.00	-14.99	0.00
8.800	-0.5	-4.6	-23.72	0.00	-18.24	0.00
8.900	-0.6	-6.1	-28.00	0.00	-21.54	0.00
9.000	-0.8	-7.7	-32.33	0.00	-24.87	0.00
9.000	0.7	-7.7	32.28	0.00	24.83	0.00
9.100	0.6	5.8	27.94	0.00	21.49	0.00
9.200	0.4	4.3	23.67	0.00	18.20	0.00
9.300	0.2	2.7	19.42	0.00	14.94	0.00
9.400	0.1	1.2	14.93	0.00	11.48	0.00
9.500	-0.1	-0.4	-10.46	0.00	-8.04	0.00
9.600	-0.2	-2.0	-15.06	0.00	-11.58	0.00
9.700	-0.4	-3.5	-19.55	0.00	-15.04	0.00
9.800	-0.5	-5.1	-23.81	0.00	-18.32	0.00
9.900	-0.7	-6.6	-28.06	0.00	-21.59	0.00
10.000	-0.8	-8.1	-32.38	0.00	-24.91	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	34.28	0.00	26.37	0.00
10.100	0.9	7.8	30.41	0.00	23.39	0.00
10.200	0.7	6.3	26.13	0.00	20.10	0.00
10.300	0.5	4.7	22.18	0.00	17.06	0.00
10.400	0.4	3.2	18.09	0.00	13.92	0.00
10.500	0.2	1.7	14.21	0.00	10.93	0.00
10.600	0.0	0.0	-12.28	0.00	-9.44	0.00
10.700	-0.2	-1.5	-15.89	0.00	-12.22	0.00
10.800	-0.4	-3.1	-20.19	0.00	-15.53	0.00
10.900	-0.6	-4.6	-24.90	0.00	-19.16	0.00
11.000	-0.7	-6.2	-29.87	0.00	-22.97	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-139.3	125.5
1.100	172.1	-137.5	127.2
1.200	172.1	-135.8	128.9
1.300	172.1	-134.1	130.6
1.400	172.1	-132.4	132.4
1.500	172.1	-130.7	134.1
1.600	172.1	-128.8	135.9
1.700	172.1	-127.1	137.7
1.800	172.1	-125.4	139.4
1.900	172.1	-123.6	141.1
2.000	172.1	-121.9	142.8
2.000	151.3	-121.9	107.4
2.100	151.3	-123.7	109.1
2.200	151.3	-122.0	110.8
2.300	151.3	-120.3	112.5
2.400	151.3	-118.6	114.2
2.500	151.3	-116.9	115.8
2.600	151.3	-115.1	117.7
2.700	151.3	-113.4	119.4
2.800	151.3	-111.7	121.1
2.900	151.3	-110.0	122.7
3.000	151.3	-108.3	117.1
3.000	151.3	-108.3	108.0
3.100	151.3	-123.1	109.7
3.200	151.3	-121.4	111.4
3.300	151.3	-119.7	113.0
3.400	151.3	-118.0	114.7
3.500	151.3	-116.3	116.4
3.600	151.3	-114.5	118.3
3.700	151.3	-112.8	119.9
3.800	151.3	-111.1	121.6
3.900	151.3	-109.4	123.3
4.000	151.3	-107.7	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-107.7	107.8
4.100	151.3	-123.2	109.5
4.200	151.3	-121.5	111.2
4.300	151.3	-119.9	112.9
4.400	151.3	-118.2	114.6
4.500	151.3	-116.5	116.3
4.600	151.3	-114.6	118.1
4.700	151.3	-113.0	119.8
4.800	151.3	-111.3	121.5
4.900	151.3	-109.6	123.2
5.000	151.3	-107.9	117.1
5.000	151.3	-107.9	107.9
5.100	151.3	-123.2	109.5
5.200	151.3	-121.5	111.2
5.300	151.3	-119.8	112.9
5.400	151.3	-118.1	114.6
5.500	151.3	-116.4	116.3
5.600	151.3	-114.6	118.1
5.700	151.3	-112.9	119.8
5.800	151.3	-111.2	121.5
5.900	151.3	-109.5	123.2
6.000	151.3	-107.8	117.2
6.000	151.3	-107.8	107.8
6.100	151.3	-123.2	109.5
6.200	151.3	-121.5	111.2
6.300	151.3	-119.8	112.9
6.400	151.3	-118.1	114.6
6.500	151.3	-116.4	116.3
6.600	151.3	-114.6	118.1
6.700	151.3	-112.9	119.8
6.800	151.3	-111.2	121.5
6.900	151.3	-109.5	123.2
7.000	151.3	-107.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-107.9	107.9
7.100	151.3	-123.2	109.6
7.200	151.3	-121.5	111.3
7.300	151.3	-119.8	113.0
7.400	151.3	-118.1	114.6
7.500	151.3	-116.4	116.3
7.600	151.3	-114.6	118.2
7.700	151.3	-112.9	119.9
7.800	151.3	-111.2	121.5
7.900	151.3	-109.5	123.2
8.000	151.3	-107.8	117.2
8.000	151.3	-107.8	107.7
8.100	151.3	-123.3	109.4
8.200	151.3	-121.6	111.1
8.300	151.3	-119.9	112.8
8.400	151.3	-118.3	114.5
8.500	151.3	-116.6	116.2
8.600	151.3	-114.7	118.0
8.700	151.3	-113.0	119.7
8.800	151.3	-111.4	121.4
8.900	151.3	-109.7	123.1
9.000	151.3	-108.0	117.1
9.000	151.3	-108.0	108.3
9.100	151.3	-122.7	110.0
9.200	151.3	-121.1	111.7
9.300	151.3	-119.4	113.4
9.400	151.3	-117.7	115.1
9.500	151.3	-116.0	116.8
9.600	151.3	-114.2	118.6
9.700	151.3	-112.5	120.3
9.800	151.3	-110.8	122.0
9.900	151.3	-109.1	123.7
10.000	151.3	-107.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-107.4	121.9
10.100	172.1	-141.1	123.6
10.200	172.1	-139.4	125.4
10.300	172.1	-137.7	127.1
10.400	172.1	-135.9	128.8
10.500	172.1	-134.2	130.5
10.600	172.1	-132.4	132.4
10.700	172.1	-130.6	134.1
10.800	172.1	-128.9	135.8
10.900	172.1	-127.2	137.5
11.000	172.1	-125.5	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	49.44	4.20	0.00	113.4
1.100	48.82	5.11	0.00	137.9
1.200	39.55	6.39	0.00	172.4
1.300	21.45	8.22	0.00	222.0
1.400	13.05	11.22	0.00	302.9
1.500	9.20	16.29	0.00	248.3
1.600	7.12	26.51	0.00	192.2
1.700	5.73	54.68	0.00	154.7
1.800	4.80	184.65	0.00	129.6
1.900	4.07	186.92	0.00	109.8
2.000	3.56	189.20	0.00	96.0
2.000	3.56	3.30	0.00	89.2
2.100	35.14	3.89	0.00	104.9
2.200	34.66	4.65	0.00	125.6
2.300	34.18	5.75	0.00	155.3
2.400	18.75	7.58	0.00	204.7
2.500	11.32	11.08	0.00	299.2
2.600	7.71	18.12	0.00	208.2
2.700	5.84	30.41	0.00	157.6
2.800	4.72	30.84	0.00	127.4
2.900	3.94	31.15	0.00	106.3
3.000	3.36	29.72	0.00	90.6
3.000	3.36	3.34	0.00	90.2
3.100	35.15	3.92	0.00	105.7
3.200	34.67	4.70	0.00	126.8
3.300	34.18	5.80	0.00	156.7
3.400	18.26	7.65	0.00	206.5
3.500	11.19	11.20	0.00	302.3
3.600	7.64	18.29	0.00	206.2
3.700	5.79	34.43	0.00	156.4
3.800	4.69	34.92	0.00	126.5
3.900	3.91	35.27	0.00	105.5
4.000	3.33	33.51	0.00	90.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.33	3.34	0.00	90.0
4.100	35.21	3.91	0.00	105.6
4.200	34.73	4.69	0.00	126.6
4.300	34.24	5.80	0.00	156.5
4.400	18.28	7.64	0.00	206.3
4.500	11.20	11.19	0.00	302.0
4.600	7.65	18.27	0.00	206.4
4.700	5.80	34.24	0.00	156.6
4.800	4.69	34.72	0.00	126.7
4.900	3.91	35.07	0.00	105.7
5.000	3.34	33.36	0.00	90.1
5.000	3.34	3.34	0.00	90.1
5.100	35.20	3.91	0.00	105.6
5.200	34.71	4.69	0.00	126.7
5.300	34.23	5.80	0.00	156.5
5.400	18.28	7.64	0.00	206.4
5.500	11.20	11.19	0.00	302.1
5.600	7.64	18.28	0.00	206.4
5.700	5.80	34.24	0.00	156.5
5.800	4.69	34.72	0.00	126.6
5.900	3.91	35.08	0.00	105.6
6.000	3.34	33.35	0.00	90.1
6.000	3.34	3.34	0.00	90.1
6.100	35.21	3.91	0.00	105.6
6.200	34.72	4.69	0.00	126.6
6.300	34.24	5.80	0.00	156.5
6.400	18.28	7.64	0.00	206.4
6.500	11.20	11.19	0.00	302.1
6.600	7.64	18.28	0.00	206.4
6.700	5.80	34.23	0.00	156.5
6.800	4.69	34.71	0.00	126.7
6.900	3.91	35.07	0.00	105.6
7.000	3.34	33.35	0.00	90.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.34	3.34	0.00	90.1
7.100	35.20	3.91	0.00	105.7
7.200	34.72	4.69	0.00	126.7
7.300	34.24	5.80	0.00	156.6
7.400	18.27	7.65	0.00	206.4
7.500	11.20	11.19	0.00	302.2
7.600	7.64	18.28	0.00	206.3
7.700	5.80	34.24	0.00	156.5
7.800	4.69	34.72	0.00	126.6
7.900	3.91	35.08	0.00	105.6
8.000	3.34	33.35	0.00	90.0
8.000	3.34	3.33	0.00	90.0
8.100	35.40	3.91	0.00	105.5
8.200	34.92	4.69	0.00	126.5
8.300	34.43	5.79	0.00	156.4
8.400	18.29	7.64	0.00	206.2
8.500	11.21	11.18	0.00	301.9
8.600	7.65	18.26	0.00	206.5
8.700	5.80	34.18	0.00	156.7
8.800	4.70	34.67	0.00	126.8
8.900	3.92	35.02	0.00	105.7
9.000	3.34	33.33	0.00	90.2
9.000	3.34	3.36	0.00	90.2
9.100	31.27	3.94	0.00	106.3
9.200	30.84	4.72	0.00	127.4
9.300	30.41	5.84	0.00	157.6
9.400	18.12	7.71	0.00	208.2
9.500	11.09	11.31	0.00	299.5
9.600	7.58	18.75	0.00	204.7
9.700	5.75	34.18	0.00	155.3
9.800	4.65	34.66	0.00	125.6
9.900	3.89	35.01	0.00	104.9
10.000	3.32	33.18	0.00	89.5

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.32	3.56	0.00	89.5
10.100	186.92	4.07	0.00	109.8
10.200	184.64	4.80	0.00	129.6
10.300	54.68	5.73	0.00	154.7
10.400	26.51	7.12	0.00	192.2
10.500	16.30	9.19	0.00	248.1
10.600	10.78	13.05	0.00	291.1
10.700	8.22	21.45	0.00	222.0
10.800	6.39	39.55	0.00	172.4
10.900	5.11	48.82	0.00	137.9
11.000	4.20	999.00	0.00	113.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
1.200	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
1.300	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
1.400	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
1.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
1.600	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
1.700	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
1.800	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
1.900	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
2.000	332.2	332.2	-332.2	-332.2	376.6	376.6	-287.8	-287.8
2.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
2.100	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
2.200	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
2.300	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
2.400	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
2.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
2.600	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
2.700	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
2.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
2.900	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5

3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.100	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4
3.200	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
3.300	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
3.400	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
3.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
3.600	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
3.700	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
3.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
3.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
4.100	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
4.200	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
4.300	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
4.400	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
4.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
4.600	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
4.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
4.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
4.900	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.100	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
5.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
5.300	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
5.400	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
5.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
5.600	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
5.700	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
5.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
5.900	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9
6.100	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2
6.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
6.300	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
6.400	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
6.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
6.600	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
6.700	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
6.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
6.900	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
7.100	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
7.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
7.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
7.400	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
7.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
7.600	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
7.700	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
7.800	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
7.900	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
8.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
8.300	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
8.400	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
8.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
8.600	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
8.700	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
8.800	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
8.900	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
9.100	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5
9.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
9.300	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
9.400	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
9.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
9.600	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
9.700	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
9.800	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
9.900	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
10.100	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
10.200	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
10.300	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
10.400	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
10.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
10.600	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
10.700	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
10.800	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
10.900	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.09	49.13	5.09	49.13	0.00	137.5
1.200	3.03	25.33	3.03	25.33	0.00	81.9
1.300	2.38	17.19	2.38	17.19	0.00	64.2
1.400	2.16	12.97	2.16	12.97	0.00	58.4
1.500	2.24	10.31	2.24	10.31	0.00	60.5
1.600	2.56	8.44	2.56	8.44	0.00	69.1
1.700	3.40	7.01	3.40	7.01	0.00	91.9
1.800	6.29	5.86	6.29	5.86	0.00	158.2
1.900	20.99	4.90	20.99	4.90	0.00	132.3
2.000	19.89	3.19	19.89	3.19	0.00	86.2
2.000	17.10	2.61	17.10	2.61	0.00	70.4
2.100	30.45	3.76	30.45	3.76	0.00	101.6
2.200	6.10	4.68	6.10	4.68	0.00	126.4
2.300	3.39	5.89	3.39	5.89	0.00	91.6
2.400	2.66	7.60	2.66	7.60	0.00	71.8
2.500	2.53	10.35	2.53	10.35	0.00	68.4
2.600	2.63	8.61	2.63	8.61	0.00	70.9
2.700	3.31	6.72	3.31	6.72	0.00	89.3
2.800	5.84	5.38	5.84	5.38	0.00	145.4
2.900	18.40	4.37	18.40	4.37	0.00	118.0
3.000	15.00	2.96	15.00	2.96	0.00	80.0
3.000	15.00	2.96	15.00	2.96	0.00	80.0
3.100	16.31	4.41	16.31	4.41	0.00	119.0
3.200	5.82	5.44	5.82	5.44	0.00	146.9
3.300	3.27	6.80	3.27	6.80	0.00	88.4
3.400	2.59	8.73	2.59	8.73	0.00	69.8
3.500	2.48	11.78	2.48	11.78	0.00	67.0
3.600	2.59	8.68	2.59	8.68	0.00	70.0
3.700	3.29	6.74	3.29	6.74	0.00	88.7
3.800	5.85	5.38	5.85	5.38	0.00	145.3
3.900	18.52	4.35	18.52	4.35	0.00	117.4
4.000	16.99	2.93	16.99	2.93	0.00	79.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	16.99	2.93	16.99	2.93	0.00	79.0
4.100	18.62	4.34	18.62	4.34	0.00	117.3
4.200	5.86	5.37	5.86	5.37	0.00	145.1
4.300	3.29	6.73	3.29	6.73	0.00	88.9
4.400	2.60	8.65	2.60	8.65	0.00	70.2
4.500	2.49	11.74	2.49	11.74	0.00	67.3
4.600	2.60	8.65	2.60	8.65	0.00	70.2
4.700	3.29	6.73	3.29	6.73	0.00	88.8
4.800	5.84	5.38	5.84	5.38	0.00	145.3
4.900	18.49	4.35	18.49	4.35	0.00	117.6
5.000	16.95	2.94	16.95	2.94	0.00	79.3
5.000	16.95	2.94	16.95	2.94	0.00	79.3
5.100	18.50	4.36	18.50	4.36	0.00	117.6
5.200	5.84	5.38	5.84	5.38	0.00	145.4
5.300	3.29	6.74	3.29	6.74	0.00	88.7
5.400	2.60	8.66	2.60	8.66	0.00	70.1
5.500	2.49	11.75	2.49	11.75	0.00	67.2
5.600	2.60	8.66	2.60	8.66	0.00	70.1
5.700	3.29	6.73	3.29	6.73	0.00	88.8
5.800	5.85	5.38	5.85	5.38	0.00	145.3
5.900	18.50	4.35	18.50	4.35	0.00	117.5
6.000	16.97	2.93	16.97	2.93	0.00	79.2
6.000	16.97	2.93	16.97	2.93	0.00	79.2
6.100	18.50	4.35	18.50	4.35	0.00	117.5
6.200	5.85	5.38	5.85	5.38	0.00	145.3
6.300	3.29	6.73	3.29	6.73	0.00	88.8
6.400	2.60	8.66	2.60	8.66	0.00	70.1
6.500	2.49	11.75	2.49	11.75	0.00	67.2
6.600	2.60	8.66	2.60	8.66	0.00	70.1
6.700	3.29	6.74	3.29	6.74	0.00	88.7
6.800	5.84	5.38	5.84	5.38	0.00	145.4
6.900	18.50	4.36	18.50	4.36	0.00	117.6
7.000	16.95	2.94	16.95	2.94	0.00	79.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	16.95	2.94	16.95	2.94	0.00	79.3
7.100	18.49	4.35	18.49	4.35	0.00	117.6
7.200	5.84	5.38	5.84	5.38	0.00	145.3
7.300	3.29	6.73	3.29	6.73	0.00	88.8
7.400	2.60	8.65	2.60	8.65	0.00	70.2
7.500	2.49	11.73	2.49	11.73	0.00	67.3
7.600	2.60	8.65	2.60	8.65	0.00	70.2
7.700	3.29	6.73	3.29	6.73	0.00	88.9
7.800	5.86	5.37	5.86	5.37	0.00	145.1
7.900	18.62	4.34	18.62	4.34	0.00	117.3
8.000	16.99	2.93	16.99	2.93	0.00	79.0
8.000	16.99	2.93	16.99	2.93	0.00	79.0
8.100	18.52	4.35	18.52	4.35	0.00	117.4
8.200	5.85	5.38	5.85	5.38	0.00	145.3
8.300	3.29	6.74	3.29	6.74	0.00	88.7
8.400	2.59	8.68	2.59	8.68	0.00	70.0
8.500	2.48	11.78	2.48	11.78	0.00	67.0
8.600	2.59	8.73	2.59	8.73	0.00	69.8
8.700	3.27	6.80	3.27	6.80	0.00	88.4
8.800	5.82	5.44	5.82	5.44	0.00	146.9
8.900	16.31	4.41	16.31	4.41	0.00	119.0
9.000	15.01	2.96	15.01	2.96	0.00	80.0
9.000	15.01	2.96	15.01	2.96	0.00	80.0
9.100	18.40	4.37	18.40	4.37	0.00	118.0
9.200	5.84	5.38	5.84	5.38	0.00	145.3
9.300	3.31	6.72	3.31	6.72	0.00	89.3
9.400	2.63	8.61	2.63	8.61	0.00	70.9
9.500	2.53	10.35	2.53	10.35	0.00	68.4
9.600	2.66	7.60	2.66	7.60	0.00	71.8
9.700	3.39	5.89	3.39	5.89	0.00	91.6
9.800	6.10	4.68	6.10	4.68	0.00	126.4
9.900	30.45	3.76	30.45	3.76	0.00	101.6
10.000	17.10	2.61	17.10	2.61	0.00	70.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	17.10	2.61	17.10	2.61	0.00	70.4
10.100	20.99	4.90	20.99	4.90	0.00	132.3
10.200	6.29	5.86	6.29	5.86	0.00	158.2
10.300	3.40	7.01	3.40	7.01	0.00	91.9
10.400	2.56	8.44	2.56	8.44	0.00	69.1
10.500	2.24	10.31	2.24	10.31	0.00	60.5
10.600	2.16	12.97	2.16	12.97	0.00	58.4
10.700	2.38	17.19	2.38	17.19	0.00	64.2
10.800	3.03	25.33	3.03	25.33	0.00	81.9
10.900	5.09	49.13	5.09	49.13	0.00	137.5
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	13.5	59.15	R	0.00	45.50	0.00
1.200	2.8	23.1	97.55	R	0.00	75.04	0.00
1.300	3.5	28.9	116.99	R	0.00	89.99	0.00
1.400	3.7	30.8	122.83	R	0.00	94.48	0.00
1.500	3.5	28.9	120.06	R	0.00	92.36	0.00
1.600	2.8	22.8	109.76	L	0.00	84.43	0.00
1.700	1.7	12.9	90.21	R	0.00	69.39	0.00
1.800	0.1	-0.9	65.17	R	0.00	50.13	0.00
1.900	-2.0	-18.5	-57.88	L	0.00	-44.52	0.00
2.000	-4.5	-40.0	-81.93	L	0.00	-63.02	0.00
2.000	-4.5	-40.0	-81.93	L	0.00	-63.02	0.00
2.100	-2.6	-21.5	-61.22	L	0.00	-47.09	0.00
2.200	-1.0	-6.9	51.66	R	0.00	39.74	0.00
2.300	0.1	3.9	74.35	R	0.00	57.19	0.00
2.400	0.8	10.8	90.18	R	0.00	69.37	0.00
2.500	1.2	13.9	95.34	R	0.00	73.34	0.00
2.600	1.1	12.8	93.21	L	0.00	71.70	0.00
2.700	0.7	7.8	80.46	R	0.00	61.89	0.00
2.800	-0.1	-0.9	60.55	R	0.00	46.58	0.00
2.900	-1.3	-13.5	-52.04	R	0.00	-40.03	0.00
3.000	-2.9	-30.0	-66.15	L	0.00	-50.88	0.00
3.000	-2.9	-30.0	-66.15	L	0.00	-50.88	0.00
3.100	-1.2	-12.8	-51.81	L	0.00	-39.85	0.00
3.200	0.1	0.5	61.42	L	0.00	47.24	0.00
3.300	1.0	10.0	81.15	L	0.00	62.43	0.00
3.400	1.6	15.7	93.48	R	0.00	71.91	0.00
3.500	1.7	17.5	96.04	L	0.00	73.88	0.00
3.600	1.5	15.2	93.44	L	0.00	71.88	0.00
3.700	0.9	9.0	80.56	R	0.00	61.97	0.00
3.800	-0.1	-1.1	60.54	R	0.00	46.57	0.00
3.900	-1.5	-15.0	-52.05	R	0.00	-40.04	0.00
4.000	-3.3	-32.7	-66.29	R	0.00	-50.99	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-32.7	-66.29	R	0.00	-50.99	0.00
4.100	-1.6	-15.2	-52.03	L	0.00	-40.02	0.00
4.200	-0.2	-1.5	60.50	L	0.00	46.54	0.00
4.300	0.8	8.4	80.54	L	0.00	61.96	0.00
4.400	1.4	14.4	93.45	R	0.00	71.89	0.00
4.500	1.6	16.5	95.71	R	0.00	73.62	0.00
4.600	1.4	14.5	93.46	L	0.00	71.89	0.00
4.700	0.8	8.7	80.57	R	0.00	61.97	0.00
4.800	-0.1	-1.0	60.54	R	0.00	46.57	0.00
4.900	-1.5	-14.6	-52.05	R	0.00	-40.04	0.00
5.000	-3.2	-32.0	-66.23	R	0.00	-50.95	0.00
5.000	-3.2	-32.0	-66.23	R	0.00	-50.95	0.00
5.100	-1.5	-14.5	-52.05	L	0.00	-40.04	0.00
5.200	-0.1	-0.9	60.54	L	0.00	46.57	0.00
5.300	0.9	8.8	80.57	L	0.00	61.97	0.00
5.400	1.4	14.7	93.46	R	0.00	71.89	0.00
5.500	1.6	16.8	95.71	R	0.00	73.62	0.00
5.600	1.4	14.7	93.46	L	0.00	71.89	0.00
5.700	0.8	8.7	80.57	R	0.00	61.97	0.00
5.800	-0.1	-1.1	60.54	R	0.00	46.57	0.00
5.900	-1.5	-14.7	-52.05	R	0.00	-40.04	0.00
6.000	-3.3	-32.2	-66.23	R	0.00	-50.94	0.00
6.000	-3.3	-32.2	-66.23	R	0.00	-50.94	0.00
6.100	-1.5	-14.7	-52.05	L	0.00	-40.04	0.00
6.200	-0.1	-1.1	60.54	L	0.00	46.57	0.00
6.300	0.8	8.7	80.57	L	0.00	61.98	0.00
6.400	1.4	14.7	93.46	R	0.00	71.89	0.00
6.500	1.6	16.8	95.71	L	0.00	73.62	0.00
6.600	1.4	14.7	93.46	L	0.00	71.89	0.00
6.700	0.9	8.8	80.57	R	0.00	61.97	0.00
6.800	-0.1	-0.9	60.54	R	0.00	46.57	0.00
6.900	-1.5	-14.5	-52.05	R	0.00	-40.04	0.00
7.000	-3.2	-32.0	-66.23	L	0.00	-50.95	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-32.0	-66.23	L	0.00	-50.95	0.00
7.100	-1.5	-14.6	-52.05	L	0.00	-40.04	0.00
7.200	-0.1	-1.0	60.54	L	0.00	46.57	0.00
7.300	0.8	8.7	80.57	L	0.00	61.97	0.00
7.400	1.4	14.5	93.46	R	0.00	71.89	0.00
7.500	1.6	16.5	95.71	L	0.00	73.62	0.00
7.600	1.4	14.4	93.45	L	0.00	71.89	0.00
7.700	0.8	8.4	80.54	R	0.00	61.96	0.00
7.800	-0.2	-1.5	60.50	R	0.00	46.54	0.00
7.900	-1.6	-15.2	-52.03	R	0.00	-40.02	0.00
8.000	-3.3	-32.7	-66.29	L	0.00	-50.99	0.00
8.000	-3.3	-32.7	-66.29	L	0.00	-50.99	0.00
8.100	-1.5	-15.0	-52.05	L	0.00	-40.04	0.00
8.200	-0.1	-1.1	60.54	L	0.00	46.57	0.00
8.300	0.9	9.0	80.56	L	0.00	61.97	0.00
8.400	1.5	15.2	93.44	R	0.00	71.88	0.00
8.500	1.7	17.5	96.04	R	0.00	73.88	0.00
8.600	1.6	15.7	93.48	L	0.00	71.91	0.00
8.700	1.0	10.0	81.15	R	0.00	62.42	0.00
8.800	0.1	0.5	61.41	R	0.00	47.24	0.00
8.900	-1.2	-12.8	-51.81	R	0.00	-39.85	0.00
9.000	-2.9	-30.0	-66.15	R	0.00	-50.88	0.00
9.000	-2.9	-30.0	-66.15	R	0.00	-50.88	0.00
9.100	-1.3	-13.5	-52.04	L	0.00	-40.03	0.00
9.200	-0.1	-0.9	60.55	L	0.00	46.58	0.00
9.300	0.7	7.8	80.46	L	0.00	61.89	0.00
9.400	1.1	12.8	93.21	R	0.00	71.70	0.00
9.500	1.2	13.9	95.34	L	0.00	73.34	0.00
9.600	0.8	10.8	90.18	L	0.00	69.37	0.00
9.700	0.1	3.9	74.35	L	0.00	57.19	0.00
9.800	-1.0	-6.9	51.66	L	0.00	39.74	0.00
9.900	-2.6	-21.5	-61.22	R	0.00	-47.09	0.00
10.000	-4.5	-40.0	-81.93	R	0.00	-63.02	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
10.000	-4.5	-40.0	-81.93	R	0.00	-63.02	0.00
10.100	-2.0	-18.5	-57.88	R	0.00	-44.52	0.00
10.200	0.1	-0.9	65.17	L	0.00	50.13	0.00
10.300	1.7	12.9	90.21	L	0.00	69.39	0.00
10.400	2.8	22.8	109.76	R	0.00	84.43	0.00
10.500	3.5	28.9	120.06	L	0.00	92.36	0.00
10.600	3.7	30.8	122.83	L	0.00	94.48	0.00
10.700	3.5	28.9	116.99	L	0.00	89.99	0.00
10.800	2.8	23.1	97.55	L	0.00	75.04	0.00
10.900	1.6	13.5	59.15	L	0.00	45.50	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
1.200	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
1.300	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
1.400	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
1.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
1.600	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
1.700	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
1.800	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
1.900	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
2.000	359.7C	319.4	-319.4	-359.7C	404.1	363.9	-275.0	-315.2
2.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2
2.100	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
2.200	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
2.300	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
2.400	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
2.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
2.600	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
2.700	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
2.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
2.900	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

3.100	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6
3.200	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
3.400	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
3.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
3.600	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
3.700	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
3.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
3.900	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
4.100	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
4.200	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
4.300	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
4.400	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
4.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
4.600	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
4.700	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
4.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
4.900	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
5.100	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
5.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
5.300	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
5.400	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
5.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
5.600	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
5.700	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
5.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
5.900	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2

6.000	300.6C	268.7	-268.7	-300.6C	336.1	304.1	-233.2	-265.2
6.100	300.6C	268.7	-268.7	-300.6C	316.9	284.9	-252.4	-284.4
6.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
6.300	300.6C	268.7	-268.7	-300.6C	291.1	259.1	-278.2	-310.2
6.400	300.6C	268.7	-268.7	-300.6C	284.5	252.6	-284.8	-316.7
6.500	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.0
6.600	300.6C	268.7	-268.7	-300.6C	284.5	252.5	-284.8	-316.8
6.700	300.6C	268.7	-268.7	-300.6C	291.0	259.0	-278.3	-310.3
6.800	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
6.900	300.6C	268.7	-268.7	-300.6C	316.6	284.6	-252.7	-284.6
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	335.8	303.8	-233.5	-265.5
7.100	300.6C	268.7	-268.7	-300.6C	316.7	284.7	-252.6	-284.6
7.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
7.300	300.6C	268.7	-268.7	-300.6C	291.1	259.2	-278.2	-310.1
7.400	300.6C	268.7	-268.7	-300.6C	284.7	252.7	-284.6	-316.6
7.500	300.6C	268.7	-268.7	-300.6C	282.5	250.5	-286.8	-318.8
7.600	300.6C	268.7	-268.7	-300.6C	284.9	252.9	-284.4	-316.4
7.700	300.6C	268.7	-268.7	-300.6C	291.5	259.5	-277.8	-309.8
7.800	300.6C	268.7	-268.7	-300.6C	302.3	270.3	-267.0	-299.0
7.900	300.6C	268.7	-268.7	-300.6C	317.4	285.4	-251.9	-283.9
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.000	300.6C	268.7	-268.7	-300.6C	336.7	304.7	-232.6	-264.6
8.100	300.6C	268.7	-268.7	-300.6C	317.1	285.2	-252.2	-284.1
8.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
8.300	300.6C	268.7	-268.7	-300.6C	290.8	258.8	-278.5	-310.5
8.400	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
8.500	300.6C	268.7	-268.7	-300.6C	281.4	249.4	-287.9	-319.9
8.600	300.6C	268.7	-268.7	-300.6C	283.4	251.4	-285.9	-317.9
8.700	300.6C	268.7	-268.7	-300.6C	289.6	257.6	-279.7	-311.7
8.800	300.6C	268.7	-268.7	-300.6C	300.0	268.0	-269.3	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	314.7	282.7	-254.6	-286.6

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7

9.000	300.6C	268.7	-268.7	-300.6C	333.6	301.6	-235.7	-267.7
9.100	300.6C	268.7	-268.7	-300.6C	315.5	283.5	-253.8	-285.8
9.200	300.6C	268.7	-268.7	-300.6C	301.7	269.7	-267.6	-299.6
9.300	300.6C	268.7	-268.7	-300.6C	292.1	260.1	-277.2	-309.2
9.400	300.6C	268.7	-268.7	-300.6C	286.7	254.7	-282.6	-314.5
9.500	300.6C	268.7	-268.7	-300.6C	285.6	253.6	-283.7	-315.7
9.600	300.6C	268.7	-268.7	-300.6C	289.0	257.0	-280.3	-312.2
9.700	300.6C	268.7	-268.7	-300.6C	296.7	264.7	-272.6	-304.6
9.800	300.6C	268.7	-268.7	-300.6C	308.6	276.6	-260.7	-292.7
9.900	300.6C	268.7	-268.7	-300.6C	324.7	292.7	-244.6	-276.6
10.000	300.6C	268.7	-268.7	-300.6C	345.1	313.1	-224.2	-256.2

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	404.1	313.1	-224.2	-315.2
10.100	359.7C	319.4	-319.4	-359.7C	380.2	339.9	-298.9	-339.2
10.200	359.7C	319.4	-319.4	-359.7C	360.5	320.2	-318.6	-358.9
10.300	359.7C	319.4	-319.4	-359.7C	345.1	304.9	-334.0	-374.2
10.400	359.7C	319.4	-319.4	-359.7C	334.1	293.8	-345.0	-385.3
10.500	359.7C	319.4	-319.4	-359.7C	327.3	287.1	-351.8	-392.0
10.600	359.7C	319.4	-319.4	-359.7C	325.2	284.9	-353.9	-394.2
10.700	359.7C	319.4	-319.4	-359.7C	327.4	287.1	-351.7	-392.0
10.800	359.7C	319.4	-319.4	-359.7C	333.8	293.6	-345.3	-385.5
10.900	359.7C	319.4	-319.4	-359.7C	344.6	304.4	-334.5	-374.8
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.83	54.25	5.14	60.78	0.00	205.8
1.200	3.42	28.00	3.01	31.26	0.00	120.4
1.300	2.80	19.01	2.45	21.19	0.00	98.2
1.400	2.65	14.35	2.32	15.98	0.00	92.8
1.500	2.73	11.41	2.39	12.72	0.00	95.6
1.600	3.04	9.32	2.68	10.41	0.00	107.1
1.700	3.83	7.74	3.38	8.67	0.00	135.2
1.800	5.53	6.46	4.91	7.28	0.00	196.6
1.900	11.61	5.16	10.39	5.86	0.00	206.6
2.000	27.90	3.36	25.12	3.85	0.00	134.3
2.000	23.83	2.74	21.62	3.13	0.00	109.5
2.100	13.57	3.99	12.23	4.52	0.00	159.8
2.200	5.97	5.22	5.35	5.87	0.00	209.0
2.300	3.99	6.15	3.56	6.87	0.00	142.4
2.400	3.20	6.93	2.85	7.72	0.00	114.0
2.500	2.99	7.41	2.66	8.24	0.00	106.4
2.600	3.08	7.44	2.73	8.28	0.00	109.3
2.700	3.63	6.84	3.23	7.63	0.00	129.3
2.800	4.98	5.97	4.45	6.69	0.00	178.2
2.900	10.04	4.88	9.03	5.49	0.00	195.1
3.000	19.48	3.56	17.61	4.05	0.00	142.5
3.000	19.48	3.56	17.61	4.05	0.00	142.5
3.100	9.64	4.91	8.66	5.53	0.00	196.6
3.200	4.89	6.04	4.36	6.76	0.00	174.6
3.300	3.57	6.95	3.17	7.74	0.00	127.0
3.400	3.03	7.61	2.69	8.47	0.00	107.6
3.500	2.93	7.91	2.60	8.79	0.00	103.9
3.600	3.04	7.58	2.70	8.43	0.00	107.9
3.700	3.61	6.89	3.21	7.68	0.00	128.5
3.800	4.99	5.97	4.46	6.68	0.00	178.3
3.900	10.12	4.84	9.10	5.46	0.00	193.8
4.000	23.72	3.51	21.47	3.99	0.00	140.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	23.72	3.51	21.47	3.99	0.00	140.4
4.100	10.15	4.84	9.12	5.46	0.00	193.7
4.200	5.00	5.96	4.47	6.67	0.00	178.7
4.300	3.62	6.87	3.22	7.66	0.00	128.9
4.400	3.05	7.55	2.71	8.40	0.00	108.2
4.500	2.95	7.87	2.62	8.74	0.00	104.7
4.600	3.05	7.55	2.70	8.40	0.00	108.2
4.700	3.61	6.88	3.22	7.67	0.00	128.7
4.800	4.99	5.97	4.46	6.68	0.00	178.3
4.900	10.10	4.85	9.08	5.47	0.00	194.1
5.000	23.66	3.53	21.41	4.01	0.00	141.0
5.000	23.66	3.53	21.41	4.01	0.00	141.0
5.100	10.10	4.86	9.08	5.47	0.00	194.2
5.200	4.98	5.97	4.45	6.69	0.00	178.2
5.300	3.61	6.88	3.21	7.67	0.00	128.6
5.400	3.04	7.56	2.70	8.41	0.00	108.1
5.500	2.95	7.87	2.62	8.75	0.00	104.6
5.600	3.04	7.56	2.70	8.41	0.00	108.1
5.700	3.61	6.88	3.22	7.67	0.00	128.6
5.800	4.99	5.97	4.46	6.68	0.00	178.3
5.900	10.11	4.85	9.09	5.47	0.00	194.0
6.000	23.68	3.52	21.43	4.00	0.00	140.8
6.000	23.68	3.52	21.43	4.00	0.00	140.8
6.100	10.11	4.85	9.09	5.47	0.00	194.0
6.200	4.99	5.97	4.46	6.68	0.00	178.3
6.300	3.61	6.88	3.22	7.67	0.00	128.6
6.400	3.04	7.56	2.70	8.41	0.00	108.1
6.500	2.95	7.87	2.62	8.75	0.00	104.6
6.600	3.04	7.56	2.70	8.41	0.00	108.1
6.700	3.61	6.88	3.21	7.67	0.00	128.6
6.800	4.98	5.97	4.45	6.69	0.00	178.2
6.900	10.10	4.86	9.08	5.47	0.00	194.2
7.000	23.58	3.53	21.33	4.01	0.00	141.0

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	23.58	3.53	21.33	4.01	0.00	141.0
7.100	10.10	4.85	9.08	5.47	0.00	194.1
7.200	4.99	5.97	4.46	6.68	0.00	178.3
7.300	3.61	6.88	3.22	7.67	0.00	128.7
7.400	3.05	7.55	2.70	8.40	0.00	108.2
7.500	2.95	7.87	2.62	8.74	0.00	104.7
7.600	3.05	7.55	2.71	8.40	0.00	108.2
7.700	3.62	6.87	3.22	7.66	0.00	128.9
7.800	5.00	5.96	4.47	6.67	0.00	178.7
7.900	10.15	4.84	9.12	5.46	0.00	193.7
8.000	23.72	3.51	21.47	3.99	0.00	140.4
8.000	23.72	3.51	21.47	3.99	0.00	140.4
8.100	10.12	4.84	9.10	5.46	0.00	193.8
8.200	4.99	5.97	4.46	6.68	0.00	178.3
8.300	3.61	6.89	3.21	7.68	0.00	128.5
8.400	3.04	7.58	2.70	8.43	0.00	107.9
8.500	2.93	7.91	2.60	8.79	0.00	103.9
8.600	3.03	7.61	2.69	8.47	0.00	107.6
8.700	3.57	6.95	3.17	7.74	0.00	127.0
8.800	4.89	6.04	4.36	6.76	0.00	174.6
8.900	9.64	4.91	8.66	5.53	0.00	196.6
9.000	19.48	3.56	17.61	4.05	0.00	142.5
9.000	19.48	3.56	17.61	4.05	0.00	142.5
9.100	10.04	4.88	9.03	5.49	0.00	195.0
9.200	4.98	5.97	4.45	6.69	0.00	178.2
9.300	3.63	6.84	3.23	7.63	0.00	129.3
9.400	3.08	7.44	2.73	8.28	0.00	109.3
9.500	2.99	7.41	2.66	8.24	0.00	106.4
9.600	3.20	6.93	2.85	7.72	0.00	114.0
9.700	3.99	6.15	3.56	6.87	0.00	142.4
9.800	5.97	5.22	5.35	5.86	0.00	208.9
9.900	13.57	3.99	12.23	4.52	0.00	159.8
10.000	23.83	2.74	21.62	3.13	0.00	109.5

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	27.90	2.74	21.62	3.85	0.00	109.5
10.100	11.61	5.16	10.39	5.86	0.00	206.6
10.200	5.53	6.46	4.91	7.28	0.00	196.6
10.300	3.83	7.74	3.38	8.67	0.00	135.2
10.400	3.04	9.32	2.68	10.41	0.00	107.1
10.500	2.73	11.41	2.39	12.72	0.00	95.6
10.600	2.65	14.35	2.32	15.98	0.00	92.8
10.700	2.80	19.01	2.45	21.19	0.00	98.2
10.800	3.42	28.00	3.01	31.26	0.00	120.4
10.900	5.83	54.24	5.14	60.78	0.00	205.8
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.2	27.99	0.00	21.53	0.00
1.100	0.6	4.6	23.66	0.00	18.20	0.00
1.200	0.4	3.1	19.51	0.00	15.01	0.00
1.300	0.2	1.5	15.60	0.00	12.00	0.00
1.400	0.0	0.0	-12.27	0.00	-9.44	0.00
1.500	-0.2	-1.6	-14.97	0.00	-11.52	0.00
1.600	-0.4	-3.2	-17.52	0.00	-13.48	0.00
1.700	-0.5	-4.7	-20.67	0.00	-15.90	0.00
1.800	-0.7	-6.3	-24.15	0.00	-18.58	0.00
1.900	-0.9	-7.8	-27.42	0.00	-21.09	0.00
2.000	-1.1	-9.4	-30.41	0.00	-23.39	0.00
2.000	0.8	-9.4	29.85	0.00	22.96	0.00
2.100	0.7	6.6	26.19	0.00	20.15	0.00
2.200	0.5	5.1	22.39	0.00	17.22	0.00
2.300	0.4	3.5	18.72	0.00	14.40	0.00
2.400	0.2	2.0	15.88	0.00	12.22	0.00
2.500	0.1	0.5	12.98	0.00	9.99	0.00
2.600	-0.1	-1.2	-14.92	0.00	-11.48	0.00
2.700	-0.2	-2.7	-18.31	0.00	-14.09	0.00
2.800	-0.4	-4.3	-21.87	0.00	-16.82	0.00
2.900	-0.6	-5.8	-25.45	0.00	-19.58	0.00
3.000	-0.7	-7.3	-28.86	0.00	-22.20	0.00
3.000	0.8	7.7	28.84	0.00	22.18	0.00
3.100	0.6	6.1	25.47	0.00	19.59	0.00
3.200	0.5	4.6	21.92	0.00	16.86	0.00
3.300	0.3	3.0	18.36	0.00	14.13	0.00
3.400	0.1	1.5	14.97	0.00	11.51	0.00
3.500	0.0	-0.1	-12.22	0.00	-9.40	0.00
3.600	-0.2	-1.7	-14.97	0.00	-11.51	0.00
3.700	-0.3	-3.2	-18.36	0.00	-14.12	0.00
3.800	-0.5	-4.8	-21.92	0.00	-16.86	0.00
3.900	-0.6	-6.3	-25.49	0.00	-19.61	0.00
4.000	-0.8	-7.9	-28.89	0.00	-22.22	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-7.9	28.90	0.00	22.23	0.00
4.100	0.6	6.2	25.50	0.00	19.61	0.00
4.200	0.5	4.7	21.92	0.00	16.86	0.00
4.300	0.3	3.2	18.36	0.00	14.13	0.00
4.400	0.2	1.6	14.97	0.00	11.52	0.00
4.500	0.0	0.1	12.22	0.00	9.40	0.00
4.600	-0.2	-1.6	-14.97	0.00	-11.52	0.00
4.700	-0.3	-3.1	-18.36	0.00	-14.13	0.00
4.800	-0.5	-4.7	-21.92	0.00	-16.86	0.00
4.900	-0.6	-6.2	-25.49	0.00	-19.61	0.00
5.000	-0.8	-7.7	-28.89	0.00	-22.23	0.00
5.000	0.8	7.7	28.89	0.00	22.23	0.00
5.100	0.6	6.2	25.49	0.00	19.61	0.00
5.200	0.5	4.7	21.92	0.00	16.86	0.00
5.300	0.3	3.1	18.36	0.00	14.13	0.00
5.400	0.2	1.6	14.97	0.00	11.52	0.00
5.500	0.0	0.1	12.22	0.00	9.40	0.00
5.600	-0.2	-1.6	-14.97	0.00	-11.52	0.00
5.700	-0.3	-3.2	-18.36	0.00	-14.13	0.00
5.800	-0.5	-4.7	-21.92	0.00	-16.86	0.00
5.900	-0.6	-6.2	-25.49	0.00	-19.61	0.00
6.000	-0.8	-7.8	-28.89	0.00	-22.23	0.00
6.000	0.8	7.8	28.89	0.00	22.23	0.00
6.100	0.6	6.2	25.49	0.00	19.61	0.00
6.200	0.5	4.7	21.92	0.00	16.86	0.00
6.300	0.3	3.2	18.36	0.00	14.13	0.00
6.400	0.2	1.6	14.97	0.00	11.52	0.00
6.500	0.0	0.1	12.22	0.00	9.40	0.00
6.600	-0.2	-1.6	-14.97	0.00	-11.52	0.00
6.700	-0.3	-3.1	-18.36	0.00	-14.13	0.00
6.800	-0.5	-4.7	-21.92	0.00	-16.86	0.00
6.900	-0.6	-6.2	-25.49	0.00	-19.61	0.00
7.000	-0.8	-7.7	-28.89	0.00	-22.23	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-7.7	28.89	0.00	22.23	0.00
7.100	0.6	6.2	25.49	0.00	19.61	0.00
7.200	0.5	4.7	21.92	0.00	16.86	0.00
7.300	0.3	3.1	18.36	0.00	14.13	0.00
7.400	0.2	1.6	14.97	0.00	11.52	0.00
7.500	0.0	0.1	12.22	0.00	9.40	0.00
7.600	-0.2	-1.6	-14.97	0.00	-11.52	0.00
7.700	-0.3	-3.2	-18.36	0.00	-14.13	0.00
7.800	-0.5	-4.7	-21.92	0.00	-16.86	0.00
7.900	-0.6	-6.2	-25.50	0.00	-19.61	0.00
8.000	-0.8	-7.8	-28.90	0.00	-22.23	0.00
8.000	0.8	7.9	28.89	0.00	22.22	0.00
8.100	0.6	6.3	25.49	0.00	19.61	0.00
8.200	0.5	4.8	21.92	0.00	16.86	0.00
8.300	0.3	3.2	18.36	0.00	14.12	0.00
8.400	0.2	1.7	14.97	0.00	11.51	0.00
8.500	0.0	0.2	12.22	0.00	9.40	0.00
8.600	-0.1	-1.5	-14.97	0.00	-11.51	0.00
8.700	-0.3	-3.0	-18.36	0.00	-14.13	0.00
8.800	-0.5	-4.6	-21.92	0.00	-16.86	0.00
8.900	-0.6	-6.1	-25.47	0.00	-19.59	0.00
9.000	-0.8	-7.7	-28.84	0.00	-22.18	0.00
9.000	0.7	-7.7	28.86	0.00	22.20	0.00
9.100	0.6	5.8	25.45	0.00	19.58	0.00
9.200	0.4	4.3	21.87	0.00	16.82	0.00
9.300	0.2	2.7	18.31	0.00	14.09	0.00
9.400	0.1	1.2	14.92	0.00	11.48	0.00
9.500	-0.1	-0.4	-12.98	0.00	-9.99	0.00
9.600	-0.2	-2.0	-15.45	0.00	-11.88	0.00
9.700	-0.4	-3.5	-18.72	0.00	-14.40	0.00
9.800	-0.5	-5.1	-22.39	0.00	-17.22	0.00
9.900	-0.7	-6.6	-26.19	0.00	-20.15	0.00
10.000	-0.8	-8.1	-29.69	0.00	-22.84	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	9.4	30.41	0.00	23.39	0.00
10.100	0.9	7.8	27.42	0.00	21.09	0.00
10.200	0.7	6.3	24.15	0.00	18.58	0.00
10.300	0.5	4.7	20.67	0.00	15.90	0.00
10.400	0.4	3.2	17.52	0.00	13.48	0.00
10.500	0.2	1.7	14.97	0.00	11.52	0.00
10.600	0.0	0.0	12.27	0.00	9.44	0.00
10.700	-0.2	-1.5	-15.60	0.00	-12.00	0.00
10.800	-0.4	-3.1	-19.51	0.00	-15.01	0.00
10.900	-0.6	-4.6	-23.66	0.00	-18.20	0.00
11.000	-0.7	-6.2	-27.99	0.00	-21.53	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-139.3	125.5
1.100	172.1	-137.5	127.2
1.200	172.1	-135.8	128.9
1.300	172.1	-134.1	130.6
1.400	172.1	-132.4	132.4
1.500	172.1	-130.7	134.1
1.600	172.1	-128.8	135.9
1.700	172.1	-127.1	137.7
1.800	172.1	-125.4	139.4
1.900	172.1	-123.6	141.1
2.000	172.1	-121.9	142.8
2.000	151.3	-121.9	107.4
2.100	151.3	-123.7	109.1
2.200	151.3	-122.0	110.8
2.300	151.3	-120.3	112.5
2.400	151.3	-118.6	114.2
2.500	151.3	-116.9	115.8
2.600	151.3	-115.1	117.7
2.700	151.3	-113.4	119.4
2.800	151.3	-111.7	121.1
2.900	151.3	-110.0	122.7
3.000	151.3	-108.3	117.1
3.000	151.3	-108.3	108.0
3.100	151.3	-123.1	109.7
3.200	151.3	-121.4	111.4
3.300	151.3	-119.7	113.0
3.400	151.3	-118.0	114.7
3.500	151.3	-116.3	116.4
3.600	151.3	-114.5	118.3
3.700	151.3	-112.8	119.9
3.800	151.3	-111.1	121.6
3.900	151.3	-109.4	123.3
4.000	151.3	-107.7	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-107.7	107.8
4.100	151.3	-123.2	109.5
4.200	151.3	-121.5	111.2
4.300	151.3	-119.9	112.9
4.400	151.3	-118.2	114.6
4.500	151.3	-116.5	116.3
4.600	151.3	-114.6	118.1
4.700	151.3	-113.0	119.8
4.800	151.3	-111.3	121.5
4.900	151.3	-109.6	123.2
5.000	151.3	-107.9	117.1
5.000	151.3	-107.9	107.9
5.100	151.3	-123.2	109.5
5.200	151.3	-121.5	111.2
5.300	151.3	-119.8	112.9
5.400	151.3	-118.1	114.6
5.500	151.3	-116.4	116.3
5.600	151.3	-114.6	118.1
5.700	151.3	-112.9	119.8
5.800	151.3	-111.2	121.5
5.900	151.3	-109.5	123.2
6.000	151.3	-107.8	117.2
6.000	151.3	-107.8	107.8
6.100	151.3	-123.2	109.5
6.200	151.3	-121.5	111.2
6.300	151.3	-119.8	112.9
6.400	151.3	-118.1	114.6
6.500	151.3	-116.4	116.3
6.600	151.3	-114.6	118.1
6.700	151.3	-112.9	119.8
6.800	151.3	-111.2	121.5
6.900	151.3	-109.5	123.2
7.000	151.3	-107.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-107.9	107.9
7.100	151.3	-123.2	109.6
7.200	151.3	-121.5	111.3
7.300	151.3	-119.8	113.0
7.400	151.3	-118.1	114.6
7.500	151.3	-116.4	116.3
7.600	151.3	-114.6	118.2
7.700	151.3	-112.9	119.9
7.800	151.3	-111.2	121.5
7.900	151.3	-109.5	123.2
8.000	151.3	-107.8	117.2
8.000	151.3	-107.8	107.7
8.100	151.3	-123.3	109.4
8.200	151.3	-121.6	111.1
8.300	151.3	-119.9	112.8
8.400	151.3	-118.3	114.5
8.500	151.3	-116.6	116.2
8.600	151.3	-114.7	118.0
8.700	151.3	-113.0	119.7
8.800	151.3	-111.4	121.4
8.900	151.3	-109.7	123.1
9.000	151.3	-108.0	117.1
9.000	151.3	-108.0	108.3
9.100	151.3	-122.7	110.0
9.200	151.3	-121.1	111.7
9.300	151.3	-119.4	113.4
9.400	151.3	-117.7	115.1
9.500	151.3	-116.0	116.8
9.600	151.3	-114.2	118.6
9.700	151.3	-112.5	120.3
9.800	151.3	-110.8	122.0
9.900	151.3	-109.1	123.7
10.000	151.3	-107.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-107.4	121.9
10.100	172.1	-141.1	123.6
10.200	172.1	-139.4	125.4
10.300	172.1	-137.7	127.1
10.400	172.1	-135.9	128.8
10.500	172.1	-134.2	130.5
10.600	172.1	-132.4	132.4
10.700	172.1	-130.6	134.1
10.800	172.1	-128.9	135.8
10.900	172.1	-127.2	137.5
11.000	172.1	-125.5	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	60.60	4.48	0.00	179.3
1.100	33.50	5.38	0.00	215.0
1.200	21.49	6.61	0.00	264.3
1.300	14.27	8.38	0.00	335.0
1.400	10.79	10.89	0.00	431.5
1.500	8.73	14.37	0.00	349.0
1.600	7.35	19.49	0.00	294.0
1.700	6.15	28.80	0.00	245.9
1.800	5.19	49.75	0.00	207.6
1.900	4.51	126.98	0.00	180.4
2.000	4.01	246.53	0.00	160.4
2.000	4.01	3.60	0.00	143.9
2.100	35.13	4.16	0.00	166.6
2.200	23.13	4.95	0.00	197.9
2.300	16.43	6.01	0.00	240.3
2.400	12.31	7.19	0.00	287.5
2.500	9.61	8.92	0.00	357.0
2.600	7.71	11.19	0.00	308.6
2.700	6.19	14.70	0.00	247.7
2.800	5.11	20.61	0.00	204.3
2.900	4.32	31.51	0.00	172.9
3.000	3.75	36.12	0.00	150.1
3.000	3.75	3.74	0.00	149.8
3.100	34.94	4.31	0.00	172.2
3.200	22.95	5.08	0.00	203.2
3.300	16.27	6.16	0.00	246.2
3.400	12.19	7.66	0.00	306.6
3.500	9.52	9.56	0.00	380.8
3.600	7.65	12.24	0.00	306.0
3.700	6.14	16.34	0.00	245.8
3.800	5.07	23.06	0.00	202.8
3.900	4.29	35.16	0.00	171.7
4.000	3.73	46.65	0.00	149.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.73	3.73	0.00	149.1
4.100	35.00	4.30	0.00	171.8
4.200	22.98	5.07	0.00	202.9
4.300	16.29	6.15	0.00	245.9
4.400	12.20	7.65	0.00	306.1
4.500	9.53	9.51	0.00	380.5
4.600	7.66	12.19	0.00	306.3
4.700	6.15	16.28	0.00	246.0
4.800	5.07	22.97	0.00	203.0
4.900	4.30	34.99	0.00	171.9
5.000	3.73	43.45	0.00	149.3
5.000	3.73	3.73	0.00	149.3
5.100	34.99	4.30	0.00	171.9
5.200	22.97	5.07	0.00	203.0
5.300	16.28	6.15	0.00	246.0
5.400	12.19	7.66	0.00	306.3
5.500	9.53	9.52	0.00	380.7
5.600	7.66	12.19	0.00	306.2
5.700	6.15	16.28	0.00	245.9
5.800	5.07	22.97	0.00	202.9
5.900	4.30	34.99	0.00	171.8
6.000	3.73	43.61	0.00	149.3
6.000	3.73	3.73	0.00	149.3
6.100	34.99	4.30	0.00	171.8
6.200	22.97	5.07	0.00	202.9
6.300	16.28	6.15	0.00	245.9
6.400	12.19	7.66	0.00	306.2
6.500	9.53	9.52	0.00	380.6
6.600	7.66	12.19	0.00	306.3
6.700	6.15	16.28	0.00	246.0
6.800	5.07	22.97	0.00	203.0
6.900	4.30	34.99	0.00	171.9
7.000	3.73	43.61	0.00	149.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.73	3.73	0.00	149.3
7.100	34.99	4.30	0.00	171.9
7.200	22.97	5.07	0.00	203.0
7.300	16.28	6.15	0.00	246.0
7.400	12.19	7.66	0.00	306.3
7.500	9.52	9.52	0.00	380.8
7.600	7.65	12.20	0.00	306.1
7.700	6.15	16.29	0.00	245.9
7.800	5.07	22.98	0.00	202.9
7.900	4.30	35.00	0.00	171.8
8.000	3.73	43.61	0.00	149.2
8.000	3.73	3.73	0.00	149.1
8.100	35.16	4.29	0.00	171.7
8.200	23.06	5.07	0.00	202.8
8.300	16.34	6.14	0.00	245.8
8.400	12.24	7.65	0.00	306.0
8.500	9.56	9.51	0.00	380.4
8.600	7.66	12.19	0.00	306.6
8.700	6.16	16.27	0.00	246.2
8.800	5.08	22.95	0.00	203.2
8.900	4.31	34.94	0.00	172.2
9.000	3.74	43.59	0.00	149.8
9.000	3.74	3.75	0.00	149.8
9.100	31.51	4.32	0.00	172.9
9.200	20.61	5.11	0.00	204.3
9.300	14.70	6.19	0.00	247.7
9.400	11.19	7.71	0.00	308.6
9.500	8.93	9.60	0.00	357.4
9.600	7.39	12.31	0.00	295.6
9.700	6.01	16.43	0.00	240.3
9.800	4.95	23.13	0.00	197.9
9.900	4.16	35.13	0.00	166.6
10.000	3.62	43.40	0.00	144.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.62	4.01	0.00	144.7
10.100	126.98	4.51	0.00	180.4
10.200	49.75	5.19	0.00	207.6
10.300	28.80	6.15	0.00	245.9
10.400	19.49	7.35	0.00	294.0
10.500	14.39	8.72	0.00	348.7
10.600	10.89	10.79	0.00	431.5
10.700	8.38	14.27	0.00	335.0
10.800	6.61	21.49	0.00	264.3
10.900	5.38	33.50	0.00	215.0
11.000	4.48	999.00	0.00	179.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
1.200	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
1.300	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
1.400	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
1.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
1.600	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
1.700	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
1.800	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
1.900	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
2.000	332.2	332.2	-332.2	-332.2	376.6	376.6	-287.8	-287.8
2.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
2.100	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
2.200	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
2.300	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
2.400	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
2.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
2.600	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
2.700	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
2.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
2.900	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5

3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
3.100	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4
3.200	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
3.300	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
3.400	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
3.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
3.600	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
3.700	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
3.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
3.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
4.100	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
4.200	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
4.300	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
4.400	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
4.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
4.600	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
4.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
4.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
4.900	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
5.100	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
5.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
5.300	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
5.400	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
5.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
5.600	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
5.700	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
5.800	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
5.900	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9

6.000	279.4	279.4	-279.4	-279.4	314.9	314.9	-243.9	-243.9
6.100	279.4	279.4	-279.4	-279.4	295.6	295.6	-263.2	-263.2
6.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
6.300	279.4	279.4	-279.4	-279.4	269.8	269.8	-289.0	-289.0
6.400	279.4	279.4	-279.4	-279.4	263.3	263.3	-295.5	-295.5
6.500	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
6.600	279.4	279.4	-279.4	-279.4	263.2	263.2	-295.6	-295.6
6.700	279.4	279.4	-279.4	-279.4	269.7	269.7	-289.1	-289.1
6.800	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
6.900	279.4	279.4	-279.4	-279.4	295.4	295.4	-263.4	-263.4
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	314.6	314.6	-244.2	-244.2
7.100	279.4	279.4	-279.4	-279.4	295.5	295.5	-263.3	-263.3
7.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
7.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
7.400	279.4	279.4	-279.4	-279.4	263.5	263.5	-295.3	-295.3
7.500	279.4	279.4	-279.4	-279.4	261.3	261.3	-297.5	-297.5
7.600	279.4	279.4	-279.4	-279.4	263.6	263.6	-295.2	-295.2
7.700	279.4	279.4	-279.4	-279.4	270.2	270.2	-288.6	-288.6
7.800	279.4	279.4	-279.4	-279.4	281.1	281.1	-277.7	-277.7
7.900	279.4	279.4	-279.4	-279.4	296.1	296.1	-262.7	-262.7
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.000	279.4	279.4	-279.4	-279.4	315.4	315.4	-243.4	-243.4
8.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
8.200	279.4	279.4	-279.4	-279.4	280.6	280.6	-278.2	-278.2
8.300	279.4	279.4	-279.4	-279.4	269.6	269.6	-289.2	-289.2
8.400	279.4	279.4	-279.4	-279.4	262.7	262.7	-296.1	-296.1
8.500	279.4	279.4	-279.4	-279.4	260.2	260.2	-298.6	-298.6
8.600	279.4	279.4	-279.4	-279.4	262.1	262.1	-296.7	-296.7
8.700	279.4	279.4	-279.4	-279.4	268.3	268.3	-290.5	-290.5
8.800	279.4	279.4	-279.4	-279.4	278.8	278.8	-280.0	-280.0
8.900	279.4	279.4	-279.4	-279.4	293.4	293.4	-265.4	-265.4

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5

9.000	279.4	279.4	-279.4	-279.4	312.3	312.3	-246.5	-246.5
9.100	279.4	279.4	-279.4	-279.4	294.3	294.3	-264.5	-264.5
9.200	279.4	279.4	-279.4	-279.4	280.4	280.4	-278.4	-278.4
9.300	279.4	279.4	-279.4	-279.4	270.9	270.9	-287.9	-287.9
9.400	279.4	279.4	-279.4	-279.4	265.5	265.5	-293.3	-293.3
9.500	279.4	279.4	-279.4	-279.4	264.4	264.4	-294.4	-294.4
9.600	279.4	279.4	-279.4	-279.4	267.8	267.8	-291.0	-291.0
9.700	279.4	279.4	-279.4	-279.4	275.5	275.5	-283.3	-283.3
9.800	279.4	279.4	-279.4	-279.4	287.4	287.4	-271.4	-271.4
9.900	279.4	279.4	-279.4	-279.4	303.5	303.5	-255.3	-255.3
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	323.8	323.8	-235.0	-235.0
10.100	332.2	332.2	-332.2	-332.2	352.7	352.7	-311.7	-311.7
10.200	332.2	332.2	-332.2	-332.2	333.0	333.0	-331.4	-331.4
10.300	332.2	332.2	-332.2	-332.2	317.7	317.7	-346.7	-346.7
10.400	332.2	332.2	-332.2	-332.2	306.6	306.6	-357.8	-357.8
10.500	332.2	332.2	-332.2	-332.2	299.8	299.8	-364.6	-364.6
10.600	332.2	332.2	-332.2	-332.2	297.7	297.7	-366.7	-366.7
10.700	332.2	332.2	-332.2	-332.2	299.9	299.9	-364.5	-364.5
10.800	332.2	332.2	-332.2	-332.2	306.4	306.4	-358.0	-358.0
10.900	332.2	332.2	-332.2	-332.2	317.1	317.1	-347.3	-347.3
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.36	56.32	5.36	56.32	0.00	214.4
1.200	3.14	29.03	3.14	29.03	0.00	125.6
1.300	2.56	19.70	2.56	19.70	0.00	102.5
1.400	2.42	14.87	2.42	14.87	0.00	97.0
1.500	2.50	11.82	2.50	11.82	0.00	99.9
1.600	2.79	9.67	2.79	9.67	0.00	111.7
1.700	3.52	8.03	3.52	8.03	0.00	140.9
1.800	5.11	6.72	5.11	6.72	0.00	204.4
1.900	10.77	5.39	10.77	5.39	0.00	215.4
2.000	26.01	3.51	26.01	3.51	0.00	140.5
2.000	22.36	2.87	22.36	2.87	0.00	114.7
2.100	12.68	4.17	12.68	4.17	0.00	166.8
2.200	5.56	5.44	5.56	5.44	0.00	217.6
2.300	3.70	6.39	3.70	6.39	0.00	148.2
2.400	2.97	7.20	2.97	7.20	0.00	118.8
2.500	2.77	7.69	2.77	7.69	0.00	110.9
2.600	2.85	7.72	2.85	7.72	0.00	113.9
2.700	3.37	7.11	3.37	7.11	0.00	134.6
2.800	4.63	6.21	4.63	6.21	0.00	185.3
2.900	9.37	5.08	9.37	5.08	0.00	203.3
3.000	18.24	3.73	18.24	3.73	0.00	149.0
3.000	18.24	3.73	18.24	3.73	0.00	149.0
3.100	8.99	5.12	8.99	5.12	0.00	204.9
3.200	4.54	6.28	4.54	6.28	0.00	181.6
3.300	3.31	7.21	3.31	7.21	0.00	132.3
3.400	2.80	7.90	2.80	7.90	0.00	112.2
3.500	2.71	8.20	2.71	8.20	0.00	108.4
3.600	2.81	7.86	2.81	7.86	0.00	112.5
3.700	3.35	7.15	3.35	7.15	0.00	133.8
3.800	4.64	6.21	4.64	6.21	0.00	185.4
3.900	9.44	5.05	9.44	5.05	0.00	202.0
4.000	22.22	3.67	22.22	3.67	0.00	146.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	22.22	3.67	22.22	3.67	0.00	146.9
4.100	9.47	5.05	9.47	5.05	0.00	201.9
4.200	4.65	6.20	4.65	6.20	0.00	185.8
4.300	3.36	7.14	3.36	7.14	0.00	134.2
4.400	2.82	7.84	2.82	7.84	0.00	112.8
4.500	2.73	8.16	2.73	8.16	0.00	109.2
4.600	2.82	7.84	2.82	7.84	0.00	112.8
4.700	3.35	7.14	3.35	7.14	0.00	134.0
4.800	4.63	6.21	4.63	6.21	0.00	185.4
4.900	9.43	5.06	9.43	5.06	0.00	202.4
5.000	22.17	3.69	22.17	3.69	0.00	147.5
5.000	22.17	3.69	22.17	3.69	0.00	147.5
5.100	9.43	5.06	9.43	5.06	0.00	202.4
5.200	4.63	6.21	4.63	6.21	0.00	185.3
5.300	3.35	7.15	3.35	7.15	0.00	133.9
5.400	2.82	7.84	2.82	7.84	0.00	112.7
5.500	2.73	8.17	2.73	8.17	0.00	109.1
5.600	2.82	7.84	2.82	7.84	0.00	112.7
5.700	3.35	7.14	3.35	7.14	0.00	134.0
5.800	4.64	6.21	4.64	6.21	0.00	185.4
5.900	9.43	5.06	9.43	5.06	0.00	202.3
6.000	22.19	3.68	22.19	3.68	0.00	147.3
6.000	22.19	3.68	22.19	3.68	0.00	147.3
6.100	9.43	5.06	9.43	5.06	0.00	202.3
6.200	4.64	6.21	4.64	6.21	0.00	185.4
6.300	3.35	7.14	3.35	7.14	0.00	134.0
6.400	2.82	7.84	2.82	7.84	0.00	112.7
6.500	2.73	8.17	2.73	8.17	0.00	109.1
6.600	2.82	7.84	2.82	7.84	0.00	112.7
6.700	3.35	7.15	3.35	7.15	0.00	133.9
6.800	4.63	6.21	4.63	6.21	0.00	185.3
6.900	9.43	5.06	9.43	5.06	0.00	202.4
7.000	22.09	3.69	22.09	3.69	0.00	147.5

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	22.09	3.69	22.09	3.69	0.00	147.5
7.100	9.43	5.06	9.43	5.06	0.00	202.4
7.200	4.63	6.21	4.63	6.21	0.00	185.4
7.300	3.35	7.14	3.35	7.14	0.00	134.0
7.400	2.82	7.84	2.82	7.84	0.00	112.8
7.500	2.73	8.16	2.73	8.16	0.00	109.2
7.600	2.82	7.84	2.82	7.84	0.00	112.8
7.700	3.36	7.14	3.36	7.14	0.00	134.2
7.800	4.65	6.20	4.65	6.20	0.00	185.8
7.900	9.47	5.05	9.47	5.05	0.00	201.9
8.000	22.22	3.67	22.22	3.67	0.00	146.9
8.000	22.22	3.67	22.22	3.67	0.00	146.9
8.100	9.44	5.05	9.44	5.05	0.00	202.0
8.200	4.64	6.21	4.64	6.21	0.00	185.4
8.300	3.35	7.15	3.35	7.15	0.00	133.8
8.400	2.81	7.86	2.81	7.86	0.00	112.5
8.500	2.71	8.20	2.71	8.20	0.00	108.4
8.600	2.80	7.90	2.80	7.90	0.00	112.2
8.700	3.31	7.21	3.31	7.21	0.00	132.3
8.800	4.54	6.28	4.54	6.28	0.00	181.6
8.900	8.99	5.12	8.99	5.12	0.00	204.9
9.000	18.24	3.73	18.24	3.73	0.00	149.0
9.000	18.24	3.73	18.24	3.73	0.00	149.0
9.100	9.37	5.08	9.37	5.08	0.00	203.3
9.200	4.63	6.21	4.63	6.21	0.00	185.3
9.300	3.37	7.11	3.37	7.11	0.00	134.6
9.400	2.85	7.72	2.85	7.72	0.00	113.9
9.500	2.77	7.69	2.77	7.69	0.00	110.9
9.600	2.97	7.20	2.97	7.20	0.00	118.8
9.700	3.70	6.39	3.70	6.39	0.00	148.2
9.800	5.56	5.44	5.56	5.44	0.00	217.5
9.900	12.68	4.17	12.68	4.17	0.00	166.8
10.000	22.36	2.87	22.36	2.87	0.00	114.7

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S02

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	22.36	2.87	22.36	2.87	0.00	114.7
10.100	10.77	5.39	10.77	5.39	0.00	215.4
10.200	5.11	6.72	5.11	6.72	0.00	204.4
10.300	3.52	8.03	3.52	8.03	0.00	140.9
10.400	2.79	9.67	2.79	9.67	0.00	111.7
10.500	2.50	11.82	2.50	11.82	0.00	99.9
10.600	2.42	14.87	2.42	14.87	0.00	97.0
10.700	2.56	19.70	2.56	19.70	0.00	102.5
10.800	3.14	29.03	3.14	29.03	0.00	125.6
10.900	5.36	56.32	5.36	56.32	0.00	214.4
11.000	999.00	999.00	999.00	999.00	0.00	999.0

BRIDGE / MEMBER DATA

Structure I. D. HAM500

Material of Construction SS
Year of Construction 1959
Roadway Width 32.000
Number of Spans 10

Live Load Distribution Factor 1.272

Second Live Load Dist. Factor 1.272
Comments:

Member I. D. S03 Symmetry:

Span Length:

Span 1	Span 2	Span 3	Span 4	Span 5
25.000	25.000	25.000	25.000	25.000

Span 6	Span 7	Span 8	Span 9	Span 10
25.000	25.000	25.000	25.000	25.000

Range Length -- Non-Composite:

Span No.	Range No.	Range Length	Section Left	Section Right	Section Variation	Hinge Location No. 1	Hinge Location No. 2
1	1	25.000	1	0		0.0	0.0
2	1	25.000	2	0		0.0	0.0
3	1	25.000	2	0		0.0	0.0
4	1	25.000	2	0		0.0	0.0
5	1	25.000	2	0		0.0	0.0
6	1	25.000	2	0		0.0	0.0
7	1	25.000	2	0		0.0	0.0
8	1	25.000	2	0		0.0	0.0
9	1	25.000	2	0		0.0	0.0
10	1	25.000	1	0		0.0	0.0

Superimposed Dead Load:

Span No.	Load Type	Dist. from Left Supp.	Distributed Load (lbs/ft) Left	Right	Length	Concentrated Load (kips)
1	W	0.000	688.0	688.0	25.000	0.0
1	P	12.500	0.0	0.0	0.000	0.1
2	W	0.000	688.0	688.0	25.000	0.0
2	P	12.500	0.0	0.0	0.000	0.1
3	W	0.000	688.0	688.0	25.000	0.0
3	P	12.500	0.0	0.0	0.000	0.1
4	W	0.000	688.0	688.0	25.000	0.0
4	P	12.500	0.0	0.0	0.000	0.1
5	W	0.000	688.0	688.0	25.000	0.0
5	P	12.500	0.0	0.0	0.000	0.1
6	W	0.000	688.0	688.0	25.000	0.0
6	P	12.500	0.0	0.0	0.000	0.1
7	W	0.000	688.0	688.0	25.000	0.0
7	P	12.500	0.0	0.0	0.000	0.1
8	W	0.000	688.0	688.0	25.000	0.0
8	P	12.500	0.0	0.0	0.000	0.1

9	W	0.000	688.0	688.0	25.000	0.0
9	P	12.500	0.0	0.0	0.000	0.1
10	W	0.000	688.0	688.0	25.000	0.0
10	P	12.500	0.0	0.0	0.000	0.1

NOTE: All distances are shown in decimal feet, moments are shown in foot-kips, and shears are shown in kips. Section and section properties are shown as: in., in.**2, in.**3, and in.**4.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
1.000	21.24	19.76	0.46	0.0	0.0	33.
1.100	21.24	19.76	0.46	0.0	0.0	33.
1.200	21.24	19.76	0.46	0.0	0.0	33.
1.300	21.24	19.76	0.46	0.0	0.0	33.
1.400	21.24	19.76	0.46	0.0	0.0	33.
1.500	21.24	19.76	0.46	0.0	0.0	33.
1.600	21.24	19.76	0.46	0.0	0.0	33.
1.700	21.24	19.76	0.46	0.0	0.0	33.
1.800	21.24	19.76	0.46	0.0	0.0	33.
1.900	21.24	19.76	0.46	0.0	0.0	33.
2.000	21.24	19.76	0.46	0.0	0.0	33.
2.000	20.99	19.76	0.40	0.0	0.0	33.
2.100	20.99	19.76	0.40	0.0	0.0	33.
2.200	20.99	19.76	0.40	0.0	0.0	33.
2.300	20.99	19.76	0.40	0.0	0.0	33.
2.400	20.99	19.76	0.40	0.0	0.0	33.
2.500	20.99	19.76	0.40	0.0	0.0	33.
2.600	20.99	19.76	0.40	0.0	0.0	33.
2.700	20.99	19.76	0.40	0.0	0.0	33.
2.800	20.99	19.76	0.40	0.0	0.0	33.
2.900	20.99	19.76	0.40	0.0	0.0	33.
3.000	20.99	19.76	0.40	0.0	0.0	33.
3.000	20.99	19.76	0.40	0.0	0.0	33.
3.100	20.99	19.76	0.40	0.0	0.0	33.
3.200	20.99	19.76	0.40	0.0	0.0	33.
3.300	20.99	19.76	0.40	0.0	0.0	33.
3.400	20.99	19.76	0.40	0.0	0.0	33.
3.500	20.99	19.76	0.40	0.0	0.0	33.
3.600	20.99	19.76	0.40	0.0	0.0	33.
3.700	20.99	19.76	0.40	0.0	0.0	33.
3.800	20.99	19.76	0.40	0.0	0.0	33.
3.900	20.99	19.76	0.40	0.0	0.0	33.
4.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
4.000	20.99	19.76	0.40	0.0	0.0	33.
4.100	20.99	19.76	0.40	0.0	0.0	33.
4.200	20.99	19.76	0.40	0.0	0.0	33.
4.300	20.99	19.76	0.40	0.0	0.0	33.
4.400	20.99	19.76	0.40	0.0	0.0	33.
4.500	20.99	19.76	0.40	0.0	0.0	33.
4.600	20.99	19.76	0.40	0.0	0.0	33.
4.700	20.99	19.76	0.40	0.0	0.0	33.
4.800	20.99	19.76	0.40	0.0	0.0	33.
4.900	20.99	19.76	0.40	0.0	0.0	33.
5.000	20.99	19.76	0.40	0.0	0.0	33.
5.000	20.99	19.76	0.40	0.0	0.0	33.
5.100	20.99	19.76	0.40	0.0	0.0	33.
5.200	20.99	19.76	0.40	0.0	0.0	33.
5.300	20.99	19.76	0.40	0.0	0.0	33.
5.400	20.99	19.76	0.40	0.0	0.0	33.
5.500	20.99	19.76	0.40	0.0	0.0	33.
5.600	20.99	19.76	0.40	0.0	0.0	33.
5.700	20.99	19.76	0.40	0.0	0.0	33.
5.800	20.99	19.76	0.40	0.0	0.0	33.
5.900	20.99	19.76	0.40	0.0	0.0	33.
6.000	20.99	19.76	0.40	0.0	0.0	33.
6.000	20.99	19.76	0.40	0.0	0.0	33.
6.100	20.99	19.76	0.40	0.0	0.0	33.
6.200	20.99	19.76	0.40	0.0	0.0	33.
6.300	20.99	19.76	0.40	0.0	0.0	33.
6.400	20.99	19.76	0.40	0.0	0.0	33.
6.500	20.99	19.76	0.40	0.0	0.0	33.
6.600	20.99	19.76	0.40	0.0	0.0	33.
6.700	20.99	19.76	0.40	0.0	0.0	33.
6.800	20.99	19.76	0.40	0.0	0.0	33.
6.900	20.99	19.76	0.40	0.0	0.0	33.
7.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
7.000	20.99	19.76	0.40	0.0	0.0	33.
7.100	20.99	19.76	0.40	0.0	0.0	33.
7.200	20.99	19.76	0.40	0.0	0.0	33.
7.300	20.99	19.76	0.40	0.0	0.0	33.
7.400	20.99	19.76	0.40	0.0	0.0	33.
7.500	20.99	19.76	0.40	0.0	0.0	33.
7.600	20.99	19.76	0.40	0.0	0.0	33.
7.700	20.99	19.76	0.40	0.0	0.0	33.
7.800	20.99	19.76	0.40	0.0	0.0	33.
7.900	20.99	19.76	0.40	0.0	0.0	33.
8.000	20.99	19.76	0.40	0.0	0.0	33.
8.000	20.99	19.76	0.40	0.0	0.0	33.
8.100	20.99	19.76	0.40	0.0	0.0	33.
8.200	20.99	19.76	0.40	0.0	0.0	33.
8.300	20.99	19.76	0.40	0.0	0.0	33.
8.400	20.99	19.76	0.40	0.0	0.0	33.
8.500	20.99	19.76	0.40	0.0	0.0	33.
8.600	20.99	19.76	0.40	0.0	0.0	33.
8.700	20.99	19.76	0.40	0.0	0.0	33.
8.800	20.99	19.76	0.40	0.0	0.0	33.
8.900	20.99	19.76	0.40	0.0	0.0	33.
9.000	20.99	19.76	0.40	0.0	0.0	33.
9.000	20.99	19.76	0.40	0.0	0.0	33.
9.100	20.99	19.76	0.40	0.0	0.0	33.
9.200	20.99	19.76	0.40	0.0	0.0	33.
9.300	20.99	19.76	0.40	0.0	0.0	33.
9.400	20.99	19.76	0.40	0.0	0.0	33.
9.500	20.99	19.76	0.40	0.0	0.0	33.
9.600	20.99	19.76	0.40	0.0	0.0	33.
9.700	20.99	19.76	0.40	0.0	0.0	33.
9.800	20.99	19.76	0.40	0.0	0.0	33.
9.900	20.99	19.76	0.40	0.0	0.0	33.
10.000	20.99	19.76	0.40	0.0	0.0	33.

SECTION DATA (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Height (in.)	Web Depth (in.)	Web Thk. (in.)	Effective Width (in.)	Slab Thk. (in.)	Fy (ksi)
10.000	21.24	19.76	0.46	0.0	0.0	33.
10.100	21.24	19.76	0.46	0.0	0.0	33.
10.200	21.24	19.76	0.46	0.0	0.0	33.
10.300	21.24	19.76	0.46	0.0	0.0	33.
10.400	21.24	19.76	0.46	0.0	0.0	33.
10.500	21.24	19.76	0.46	0.0	0.0	33.
10.600	21.24	19.76	0.46	0.0	0.0	33.
10.700	21.24	19.76	0.46	0.0	0.0	33.
10.800	21.24	19.76	0.46	0.0	0.0	33.
10.900	21.24	19.76	0.46	0.0	0.0	33.
11.000	21.24	19.76	0.46	0.0	0.0	33.

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
1.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.100	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.200	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.300	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.400	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.500	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.600	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.700	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.800	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
1.900	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
2.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
2.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
2.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
3.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
4.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
4.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
5.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
6.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Section Area Gross	Net	Neutral Axis Top	Bott.	Moment of Inertia +Bend	-Bend	Section Modulus +Bend Top	Bott.	-Bend Top	Bott.
7.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
7.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
8.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.100	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.200	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.300	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.400	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.500	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.600	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.700	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.800	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
9.900	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0
10.000	18.30	18.30	10.47	10.47	1330.0	1330.0	127.0	127.0	127.0	127.0

SECTION STRENGTH (ASD/LFD)

Structure I. D. HAM500

Member I. D. S03

Span	Section Area Gross	Section Area Net	Neutral Axis Top	Neutral Axis Bott.	Moment of Inertia +Bend	Moment of Inertia -Bend	Section Modulus +Bend Top	Section Modulus +Bend Bott.	Section Modulus -Bend Top	Section Modulus -Bend Bott.
10.000	21.50	21.50	10.60	10.60	1600.0	1600.0	127.0	127.0	127.0	127.0
10.100	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.200	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.300	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.400	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.500	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.600	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.700	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.800	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
10.900	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0
11.000	21.50	21.50	10.60	10.60	1600.0	1600.0	151.0	151.0	151.0	151.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	74.46	L	46.51	57.28	35.77
1.200	2.8	25.8	121.14	L	79.47	93.18	61.13
1.300	3.5	32.2	142.83	L	101.42	109.87	78.01
1.400	3.7	34.4	143.13	L	110.70	110.10	85.15
1.500	3.5	32.2	134.99	L	110.27	103.84	84.83
1.600	2.8	25.4	128.16	L	98.93	98.59	76.10
1.700	1.7	14.4	110.76	L	80.07	85.20	61.59
1.800	0.1	-1.0	71.18	L	52.92	54.76	40.70
1.900	-2.0	-20.7	-69.02	L	-64.36	-53.10	-49.51
2.000	-4.5	-44.7	-115.68	L	-106.66	-88.99	-82.05
2.000	-4.5	-44.7	-115.68	L	-106.66	-88.99	-82.05
2.100	-2.6	-24.0	-75.60	R	-65.20	-58.15	-50.15
2.200	-1.0	-7.7	65.10	R	45.48	50.07	34.99
2.300	0.1	4.3	95.41	R	68.82	73.39	52.94
2.400	0.8	12.0	107.38	R	83.25	82.60	64.04
2.500	1.2	15.5	105.00	L	89.43	80.77	68.79
2.600	1.1	14.3	107.17	L	84.82	82.44	65.25
2.700	0.7	8.8	95.90	L	71.92	73.77	55.32
2.800	-0.1	-1.0	66.18	L	50.41	50.90	38.78
2.900	-1.3	-15.1	-65.66	L	-59.35	-50.51	-45.66
3.000	-2.9	-33.5	-109.54	L	-99.28	-84.26	-76.37
3.000	-2.9	-33.5	-109.54	L	-99.28	-84.26	-76.37
3.100	-1.2	-14.3	-65.31	R	-58.86	-50.24	-45.28
3.200	0.1	0.6	66.06	R	50.05	50.82	38.50
3.300	1.0	11.2	96.18	R	72.77	73.98	55.97
3.400	1.6	17.5	107.91	R	86.39	83.01	66.46
3.500	1.7	19.5	105.35	R	91.75	81.04	70.58
3.600	1.5	16.9	107.95	L	86.32	83.04	66.40
3.700	0.9	10.0	96.23	L	72.61	74.03	55.85
3.800	-0.1	-1.2	66.14	L	50.36	50.88	38.74
3.900	-1.5	-16.7	-65.64	L	-60.21	-50.49	-46.31
4.000	-3.3	-36.5	-109.67	L	-100.89	-84.36	-77.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-36.5	-109.67	L	-100.89	-84.36	-77.60
4.100	-1.6	-16.9	-65.61	R	-60.27	-50.47	-46.36
4.200	-0.2	-1.6	66.13	R	49.52	50.87	38.09
4.300	0.8	9.4	96.23	R	72.33	74.03	55.64
4.400	1.4	16.1	107.95	R	86.05	83.04	66.19
4.500	1.6	18.5	105.37	R	91.50	81.05	70.38
4.600	1.4	16.2	107.95	L	86.15	83.04	66.27
4.700	0.8	9.7	96.24	L	72.53	74.03	55.79
4.800	-0.1	-1.1	66.14	L	50.38	50.88	38.76
4.900	-1.5	-16.3	-65.63	L	-60.10	-50.49	-46.23
5.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
5.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
5.100	-1.5	-16.2	-65.63	R	-60.09	-50.49	-46.22
5.200	-0.1	-1.0	66.14	R	49.83	50.88	38.33
5.300	0.9	9.9	96.24	R	72.59	74.03	55.84
5.400	1.4	16.4	107.95	R	86.25	83.04	66.34
5.500	1.6	18.7	105.37	L	91.64	81.05	70.49
5.600	1.4	16.4	107.95	L	86.23	83.04	66.33
5.700	0.8	9.7	96.24	L	72.56	74.03	55.82
5.800	-0.1	-1.2	66.14	L	50.36	50.88	38.74
5.900	-1.5	-16.4	-65.63	L	-60.17	-50.49	-46.28
6.000	-3.3	-36.0	-109.68	R	-100.81	-84.37	-77.54
6.000	-3.3	-36.0	-109.68	R	-100.81	-84.37	-77.54
6.100	-1.5	-16.4	-65.63	R	-60.20	-50.49	-46.30
6.200	-0.1	-1.2	66.14	R	49.79	50.88	38.30
6.300	0.8	9.7	96.24	R	72.56	74.03	55.82
6.400	1.4	16.4	107.96	R	86.23	83.04	66.33
6.500	1.6	18.7	105.37	L	91.64	81.05	70.49
6.600	1.4	16.4	107.95	L	86.25	83.04	66.34
6.700	0.9	9.9	96.24	L	72.59	74.03	55.84
6.800	-0.1	-1.0	66.14	L	50.40	50.88	38.77
6.900	-1.5	-16.2	-65.63	L	-60.06	-50.49	-46.20
7.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
7.100	-1.5	-16.3	-65.63	R	-60.13	-50.49	-46.25
7.200	-0.1	-1.1	66.14	R	49.81	50.88	38.32
7.300	0.8	9.7	96.24	R	72.53	74.03	55.79
7.400	1.4	16.2	107.96	R	86.15	83.04	66.27
7.500	1.6	18.5	105.37	L	91.50	81.05	70.38
7.600	1.4	16.1	107.95	L	86.05	83.04	66.19
7.700	0.8	9.4	96.23	L	72.33	74.03	55.64
7.800	-0.2	-1.6	66.13	L	50.09	50.87	38.53
7.900	-1.6	-16.9	-65.61	L	-60.24	-50.47	-46.34
8.000	-3.3	-36.5	-109.67	R	-100.89	-84.36	-77.60
8.000	-3.3	-36.5	-109.67	R	-100.89	-84.36	-77.60
8.100	-1.5	-16.7	-65.64	R	-60.23	-50.49	-46.33
8.200	-0.1	-1.2	66.14	R	49.79	50.88	38.30
8.300	0.9	10.0	96.23	R	72.61	74.03	55.85
8.400	1.5	16.9	107.95	R	86.32	83.04	66.40
8.500	1.7	19.5	105.35	L	91.75	81.04	70.58
8.600	1.6	17.5	107.91	L	86.39	83.01	66.46
8.700	1.0	11.2	96.18	L	72.77	73.98	55.97
8.800	0.1	0.6	66.06	L	50.62	50.82	38.94
8.900	-1.2	-14.3	-65.31	L	-58.83	-50.24	-45.25
9.000	-2.9	-33.5	-109.54	R	-99.28	-84.26	-76.37
9.000	-2.9	-33.5	-109.54	R	-99.28	-84.26	-76.37
9.100	-1.3	-15.1	-65.66	R	-59.38	-50.51	-45.68
9.200	-0.1	-1.0	66.18	R	49.84	50.90	38.34
9.300	0.7	8.8	95.90	R	71.92	73.77	55.32
9.400	1.1	14.3	107.17	R	84.82	82.44	65.25
9.500	1.2	15.5	105.00	R	89.43	80.77	68.79
9.600	0.8	12.0	107.38	L	83.25	82.60	64.04
9.700	0.1	4.3	95.41	L	68.82	73.39	52.94
9.800	-1.0	-7.7	65.10	L	46.06	50.07	35.43
9.900	-2.6	-24.0	-75.60	L	-65.17	-58.15	-50.13
10.000	-4.5	-44.7	-114.96	R	-106.66	-88.43	-82.05

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-44.7	-114.96	R	-106.66	-88.43	-82.05
10.100	-2.0	-20.7	-69.02	R	-64.38	-53.10	-49.53
10.200	0.1	-1.0	71.18	R	52.92	54.76	40.70
10.300	1.7	14.4	110.76	R	80.07	85.20	61.59
10.400	2.8	25.4	128.16	R	98.93	98.59	76.10
10.500	3.5	32.2	134.99	R	110.27	103.84	84.83
10.600	3.7	34.4	143.13	R	110.70	110.10	85.15
10.700	3.5	32.2	142.83	R	101.42	109.87	78.01
10.800	2.8	25.8	121.14	R	79.47	93.18	61.13
10.900	1.6	15.0	74.46	R	46.51	57.28	35.77
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	215.8C	191.7	-191.7	-215.8C	215.8	191.7	-191.7	-215.8
1.100	215.8C	191.7	-191.7	-215.8C	205.8	181.7	-201.6	-225.8
1.200	215.8C	191.7	-191.7	-215.8C	198.7	174.5	-208.8	-232.9
1.300	215.8C	191.7	-191.7	-215.8C	194.4	170.2	-213.1	-237.2
1.400	215.8C	191.7	-191.7	-215.8C	193.0	168.8	-214.5	-238.7
1.500	215.8C	191.7	-191.7	-215.8C	194.4	170.2	-213.1	-237.2
1.600	215.8C	191.7	-191.7	-215.8C	198.9	174.7	-208.6	-232.8
1.700	215.8C	191.7	-191.7	-215.8C	206.2	182.0	-201.3	-225.4
1.800	215.8C	191.7	-191.7	-215.8C	216.4	192.2	-191.1	-215.3
1.900	215.8C	191.7	-191.7	-215.8C	229.4	205.2	-178.1	-202.2
2.000	215.8C	191.7	-191.7	-215.8C	245.3	221.1	-162.2	-186.3
2.000	180.4C	161.2	-161.2	-180.4C	209.9	190.7	-131.7	-150.9
2.100	180.4C	161.2	-161.2	-180.4C	196.3	177.1	-145.2	-164.4
2.200	180.4C	161.2	-161.2	-180.4C	185.6	166.4	-155.9	-175.1
2.300	180.4C	161.2	-161.2	-180.4C	177.7	158.6	-163.8	-183.0
2.400	180.4C	161.2	-161.2	-180.4C	172.7	153.5	-168.9	-188.1
2.500	180.4C	161.2	-161.2	-180.4C	170.4	151.2	-171.2	-190.4
2.600	180.4C	161.2	-161.2	-180.4C	171.1	152.0	-170.4	-189.6
2.700	180.4C	161.2	-161.2	-180.4C	174.7	155.5	-166.9	-186.1
2.800	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
2.900	180.4C	161.2	-161.2	-180.4C	190.3	171.1	-151.3	-170.5

3.000	180.4C	161.2	-161.2	-180.4C	202.3	183.1	-139.3	-158.5

3.000	180.4C	161.2	-161.2	-180.4C	202.3	183.1	-139.3	-158.5
3.100	180.4C	161.2	-161.2	-180.4C	189.7	170.5	-151.9	-171.1
3.200	180.4C	161.2	-161.2	-180.4C	180.0	160.8	-161.6	-180.8
3.300	180.4C	161.2	-161.2	-180.4C	173.0	153.8	-168.5	-187.7
3.400	180.4C	161.2	-161.2	-180.4C	168.9	149.7	-172.7	-191.8
3.500	180.4C	161.2	-161.2	-180.4C	167.6	148.4	-174.0	-193.1
3.600	180.4C	161.2	-161.2	-180.4C	169.3	150.1	-172.3	-191.4
3.700	180.4C	161.2	-161.2	-180.4C	173.8	154.7	-167.7	-186.9
3.800	180.4C	161.2	-161.2	-180.4C	181.2	162.0	-160.4	-179.6
3.900	180.4C	161.2	-161.2	-180.4C	191.3	172.1	-150.2	-169.4
4.000	180.4C	161.2	-161.2	-180.4C	204.3	185.1	-137.3	-156.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	180.4C	161.2	-161.2	-180.4C	204.3	185.1	-137.3	-156.5
4.100	180.4C	161.2	-161.2	-180.4C	191.5	172.3	-150.1	-169.3
4.200	180.4C	161.2	-161.2	-180.4C	181.5	162.3	-160.1	-179.3
4.300	180.4C	161.2	-161.2	-180.4C	174.3	155.1	-167.3	-186.5
4.400	180.4C	161.2	-161.2	-180.4C	169.9	150.7	-171.7	-190.8
4.500	180.4C	161.2	-161.2	-180.4C	168.4	149.2	-173.2	-192.4
4.600	180.4C	161.2	-161.2	-180.4C	169.8	150.6	-171.8	-191.0
4.700	180.4C	161.2	-161.2	-180.4C	174.1	154.9	-167.5	-186.7
4.800	180.4C	161.2	-161.2	-180.4C	181.1	162.0	-160.4	-179.6
4.900	180.4C	161.2	-161.2	-180.4C	191.0	171.8	-150.5	-169.7
5.000	180.4C	161.2	-161.2	-180.4C	203.7	184.5	-137.8	-157.0
5.000	180.4C	161.2	-161.2	-180.4C	203.7	184.5	-137.8	-157.0
5.100	180.4C	161.2	-161.2	-180.4C	191.0	171.8	-150.6	-169.8
5.200	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
5.300	180.4C	161.2	-161.2	-180.4C	174.0	154.8	-167.6	-186.8
5.400	180.4C	161.2	-161.2	-180.4C	169.7	150.5	-171.9	-191.1
5.500	180.4C	161.2	-161.2	-180.4C	168.2	149.0	-173.4	-192.6
5.600	180.4C	161.2	-161.2	-180.4C	169.7	150.5	-171.9	-191.1
5.700	180.4C	161.2	-161.2	-180.4C	174.0	154.8	-167.5	-186.7
5.800	180.4C	161.2	-161.2	-180.4C	181.2	162.0	-160.4	-179.6
5.900	180.4C	161.2	-161.2	-180.4C	191.1	172.0	-150.4	-169.6

6.000	180.4C	161.2	-161.2	-180.4C	203.9	184.7	-137.7	-156.8

6.000	180.4C	161.2	-161.2	-180.4C	203.9	184.7	-137.7	-156.8
6.100	180.4C	161.2	-161.2	-180.4C	191.1	172.0	-150.4	-169.6
6.200	180.4C	161.2	-161.2	-180.4C	181.2	162.0	-160.4	-179.6
6.300	180.4C	161.2	-161.2	-180.4C	174.0	154.8	-167.5	-186.7
6.400	180.4C	161.2	-161.2	-180.4C	169.7	150.5	-171.9	-191.1
6.500	180.4C	161.2	-161.2	-180.4C	168.2	149.0	-173.4	-192.6
6.600	180.4C	161.2	-161.2	-180.4C	169.7	150.5	-171.9	-191.1
6.700	180.4C	161.2	-161.2	-180.4C	174.0	154.8	-167.6	-186.8
6.800	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
6.900	180.4C	161.2	-161.2	-180.4C	191.0	171.8	-150.6	-169.8
7.000	180.4C	161.2	-161.2	-180.4C	203.7	184.5	-137.8	-157.0

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	180.4C	161.2	-161.2	-180.4C	203.7	184.5	-137.8	-157.0
7.100	180.4C	161.2	-161.2	-180.4C	191.0	171.8	-150.5	-169.7
7.200	180.4C	161.2	-161.2	-180.4C	181.1	162.0	-160.4	-179.6
7.300	180.4C	161.2	-161.2	-180.4C	174.1	154.9	-167.5	-186.7
7.400	180.4C	161.2	-161.2	-180.4C	169.8	150.6	-171.8	-191.0
7.500	180.4C	161.2	-161.2	-180.4C	168.4	149.2	-173.2	-192.4
7.600	180.4C	161.2	-161.2	-180.4C	169.9	150.7	-171.7	-190.8
7.700	180.4C	161.2	-161.2	-180.4C	174.3	155.1	-167.3	-186.5
7.800	180.4C	161.2	-161.2	-180.4C	181.5	162.3	-160.1	-179.3
7.900	180.4C	161.2	-161.2	-180.4C	191.5	172.3	-150.1	-169.3
8.000	180.4C	161.2	-161.2	-180.4C	204.3	185.1	-137.3	-156.5
8.000	180.4C	161.2	-161.2	-180.4C	204.3	185.1	-137.3	-156.5
8.100	180.4C	161.2	-161.2	-180.4C	191.3	172.1	-150.2	-169.4
8.200	180.4C	161.2	-161.2	-180.4C	181.2	162.0	-160.4	-179.6
8.300	180.4C	161.2	-161.2	-180.4C	173.8	154.7	-167.7	-186.9
8.400	180.4C	161.2	-161.2	-180.4C	169.3	150.1	-172.3	-191.4
8.500	180.4C	161.2	-161.2	-180.4C	167.6	148.4	-174.0	-193.1
8.600	180.4C	161.2	-161.2	-180.4C	168.9	149.7	-172.7	-191.8
8.700	180.4C	161.2	-161.2	-180.4C	173.0	153.8	-168.5	-187.7
8.800	180.4C	161.2	-161.2	-180.4C	180.0	160.8	-161.6	-180.8
8.900	180.4C	161.2	-161.2	-180.4C	189.7	170.5	-151.9	-171.1

9.000	180.4C	161.2	-161.2	-180.4C	202.3	183.1	-139.3	-158.5

9.000	180.4C	161.2	-161.2	-180.4C	202.3	183.1	-139.3	-158.5
9.100	180.4C	161.2	-161.2	-180.4C	190.3	171.1	-151.3	-170.5
9.200	180.4C	161.2	-161.2	-180.4C	181.1	161.9	-160.5	-179.7
9.300	180.4C	161.2	-161.2	-180.4C	174.7	155.5	-166.9	-186.1
9.400	180.4C	161.2	-161.2	-180.4C	171.1	152.0	-170.4	-189.6
9.500	180.4C	161.2	-161.2	-180.4C	170.4	151.2	-171.2	-190.4
9.600	180.4C	161.2	-161.2	-180.4C	172.7	153.5	-168.9	-188.1
9.700	180.4C	161.2	-161.2	-180.4C	177.7	158.6	-163.8	-183.0
9.800	180.4C	161.2	-161.2	-180.4C	185.6	166.4	-155.9	-175.1
9.900	180.4C	161.2	-161.2	-180.4C	196.3	177.1	-145.2	-164.4
10.000	180.4C	161.2	-161.2	-180.4C	209.9	190.7	-131.7	-150.9

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	215.8C	161.2	-161.2	-215.8C	245.3	190.7	-131.7	-186.3
10.100	215.8C	191.7	-191.7	-215.8C	229.4	205.2	-178.1	-202.2
10.200	215.8C	191.7	-191.7	-215.8C	216.4	192.2	-191.1	-215.3
10.300	215.8C	191.7	-191.7	-215.8C	206.2	182.0	-201.3	-225.4
10.400	215.8C	191.7	-191.7	-215.8C	198.9	174.7	-208.6	-232.8
10.500	215.8C	191.7	-191.7	-215.8C	194.4	170.2	-213.1	-237.2
10.600	215.8C	191.7	-191.7	-215.8C	193.0	168.8	-214.5	-238.7
10.700	215.8C	191.7	-191.7	-215.8C	194.4	170.2	-213.1	-237.2
10.800	215.8C	191.7	-191.7	-215.8C	198.7	174.5	-208.8	-232.9
10.900	215.8C	191.7	-191.7	-215.8C	205.8	181.7	-201.6	-225.8
11.000	215.8C	191.7	-191.7	-215.8C	215.8	191.7	-191.7	-215.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	2.76	28.97	2.44	32.44	HS 48.80	87.8
1.200	1.64	15.00	1.44	16.73	HS 28.81	51.9
1.300	1.36	10.20	1.19	11.36	HS 23.84	42.9
1.400	1.35	7.70	1.18	8.57	HS 23.59	42.5
1.500	1.44	6.12	1.26	6.82	HS 25.22	45.4
1.600	1.55	4.99	1.36	5.57	HS 27.26	49.1
1.700	1.86	4.13	1.64	4.63	HS 32.87	59.2
1.800	3.04	3.43	2.70	3.87	HS 54.00	97.2
1.900	8.73	2.58	7.81	2.93	HS 51.60	92.9
2.000	13.15	1.40	11.86	1.61	HS 28.04	50.5
2.000	11.25	1.14	10.22	1.30	HS 22.77	41.0
2.100	8.21	1.92	7.41	2.17	HS 38.42	69.2
2.200	2.85	2.52	2.56	2.83	HS 50.35	90.6
2.300	1.86	3.19	1.66	3.56	HS 33.24	59.8
2.400	1.61	4.13	1.43	4.60	HS 28.58	51.5
2.500	1.62	5.64	1.44	6.27	HS 28.80	51.8
2.600	1.60	5.08	1.42	5.66	HS 28.36	51.0
2.700	1.82	3.95	1.62	4.41	HS 32.43	58.4
2.800	2.74	3.15	2.45	3.53	HS 48.92	88.1
2.900	6.72	2.31	6.04	2.60	HS 46.09	83.0
3.000	9.10	1.27	8.23	1.45	HS 25.44	45.8
3.000	9.10	1.27	8.23	1.45	HS 25.44	45.8
3.100	6.57	2.33	5.90	2.62	HS 46.51	83.7
3.200	2.72	3.21	2.43	3.59	HS 48.67	87.6
3.300	1.80	4.03	1.60	4.49	HS 31.99	57.6
3.400	1.57	5.19	1.39	5.76	HS 27.75	49.9
3.500	1.59	6.97	1.41	7.74	HS 28.18	50.7
3.600	1.57	5.12	1.39	5.70	HS 27.81	50.1
3.700	1.81	3.97	1.61	4.42	HS 32.14	57.9
3.800	2.74	3.15	2.45	3.53	HS 48.98	88.2
3.900	6.86	2.29	6.17	2.58	HS 45.78	82.4
4.000	11.18	1.25	10.13	1.43	HS 25.04	45.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	11.18	1.25	10.13	1.43	HS 25.04	45.1
4.100	6.78	2.29	6.10	2.58	HS 45.75	82.4
4.200	2.74	3.14	2.45	3.52	HS 49.08	88.3
4.300	1.81	3.96	1.61	4.41	HS 32.23	58.0
4.400	1.57	5.11	1.40	5.68	HS 27.92	50.3
4.500	1.60	6.83	1.42	7.59	HS 28.31	51.0
4.600	1.57	5.11	1.39	5.68	HS 27.90	50.2
4.700	1.81	3.96	1.61	4.42	HS 32.19	57.9
4.800	2.74	3.15	2.45	3.53	HS 48.97	88.2
4.900	6.79	2.29	6.11	2.59	HS 45.87	82.6
5.000	10.97	1.26	9.94	1.43	HS 25.14	45.2
5.000	10.97	1.26	9.94	1.43	HS 25.14	45.2
5.100	6.68	2.29	6.01	2.59	HS 45.89	82.6
5.200	2.74	3.15	2.45	3.53	HS 48.95	88.1
5.300	1.81	3.97	1.61	4.42	HS 32.16	57.9
5.400	1.57	5.11	1.39	5.68	HS 27.88	50.2
5.500	1.60	6.85	1.41	7.61	HS 28.28	50.9
5.600	1.57	5.11	1.39	5.68	HS 27.88	50.2
5.700	1.81	3.96	1.61	4.42	HS 32.18	57.9
5.800	2.74	3.15	2.45	3.53	HS 48.98	88.2
5.900	6.81	2.29	6.13	2.58	HS 45.84	82.5
6.000	11.03	1.25	9.99	1.43	HS 25.10	45.2
6.000	11.03	1.25	9.99	1.43	HS 25.10	45.2
6.100	6.70	2.29	6.02	2.58	HS 45.84	82.5
6.200	2.74	3.15	2.45	3.53	HS 48.98	88.2
6.300	1.81	3.96	1.61	4.42	HS 32.18	57.9
6.400	1.57	5.11	1.39	5.68	HS 27.88	50.2
6.500	1.60	6.85	1.41	7.61	HS 28.28	50.9
6.600	1.57	5.11	1.39	5.68	HS 27.88	50.2
6.700	1.81	3.97	1.61	4.42	HS 32.16	57.9
6.800	2.74	3.15	2.45	3.53	HS 48.95	88.1
6.900	6.79	2.29	6.11	2.59	HS 45.89	82.6
7.000	10.97	1.26	9.94	1.43	HS 25.14	45.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	10.97	1.26	9.94	1.43	HS 25.14	45.2
7.100	6.68	2.29	6.01	2.59	HS 45.87	82.6
7.200	2.74	3.15	2.45	3.53	HS 48.97	88.2
7.300	1.81	3.96	1.61	4.42	HS 32.19	57.9
7.400	1.57	5.11	1.39	5.68	HS 27.90	50.2
7.500	1.60	6.83	1.42	7.59	HS 28.31	51.0
7.600	1.57	5.11	1.40	5.68	HS 27.92	50.3
7.700	1.81	3.96	1.61	4.41	HS 32.23	58.0
7.800	2.74	3.14	2.45	3.52	HS 49.08	88.3
7.900	6.90	2.29	6.20	2.58	HS 45.75	82.4
8.000	11.18	1.25	10.13	1.43	HS 25.04	45.1
8.000	11.18	1.25	10.13	1.43	HS 25.04	45.1
8.100	6.74	2.29	6.07	2.58	HS 45.78	82.4
8.200	2.74	3.15	2.45	3.53	HS 48.98	88.2
8.300	1.81	3.97	1.61	4.42	HS 32.14	57.9
8.400	1.57	5.12	1.39	5.70	HS 27.81	50.1
8.500	1.59	6.97	1.41	7.74	HS 28.18	50.7
8.600	1.57	5.19	1.39	5.76	HS 27.75	49.9
8.700	1.80	4.03	1.60	4.49	HS 31.99	57.6
8.800	2.72	3.21	2.43	3.59	HS 48.67	87.6
8.900	6.68	2.33	6.00	2.62	HS 46.51	83.7
9.000	9.10	1.27	8.23	1.45	HS 25.44	45.8
9.000	9.10	1.27	8.23	1.45	HS 25.44	45.8
9.100	6.60	2.31	5.94	2.60	HS 46.09	83.0
9.200	2.74	3.15	2.45	3.53	HS 48.92	88.1
9.300	1.82	3.95	1.62	4.41	HS 32.43	58.4
9.400	1.60	5.08	1.42	5.66	HS 28.36	51.0
9.500	1.62	5.64	1.44	6.27	HS 28.80	51.8
9.600	1.61	4.13	1.43	4.60	HS 28.58	51.5
9.700	1.86	3.19	1.66	3.56	HS 33.24	59.8
9.800	2.85	2.52	2.56	2.83	HS 50.35	90.6
9.900	8.38	1.92	7.56	2.17	HS 38.42	69.2
10.000	11.25	1.15	10.22	1.31	HS 22.91	41.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	13.15	1.15	10.22	1.62	HS 22.91	41.2
10.100	8.57	2.58	7.67	2.93	HS 51.60	92.9
10.200	3.04	3.43	2.70	3.87	HS 54.00	97.2
10.300	1.86	4.13	1.64	4.63	HS 32.87	59.2
10.400	1.55	4.99	1.36	5.57	HS 27.26	49.1
10.500	1.44	6.12	1.26	6.82	HS 25.22	45.4
10.600	1.35	7.70	1.18	8.57	HS 23.59	42.5
10.700	1.36	10.20	1.19	11.36	HS 23.84	42.9
10.800	1.64	15.00	1.44	16.73	HS 28.81	51.9
10.900	2.76	28.97	2.44	32.44	HS 48.80	87.8
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	35.63	27.51	27.41	21.16
1.100	0.6	5.2	29.78	23.60	22.91	18.15
1.200	0.4	3.4	24.23	19.88	18.64	15.29
1.300	0.2	1.7	19.04	16.39	14.65	12.61
1.400	0.0	-0.1	14.31	13.14	11.01	10.11
1.500	-0.2	-1.8	-16.77	-15.50	-12.90	-11.92
1.600	-0.4	-3.6	-20.25	-18.55	-15.58	-14.27
1.700	-0.5	-5.3	-25.94	-21.53	-19.95	-16.56
1.800	-0.7	-7.0	-31.40	-24.42	-24.15	-18.78
1.900	-0.9	-8.7	-36.40	-27.15	-28.00	-20.89
2.000	-1.1	-10.4	-40.86	-29.69	-31.43	-22.84
2.000	0.8	-10.4	38.90	29.41	29.92	22.63
2.100	0.7	7.4	33.68	26.57	25.90	20.44
2.200	0.5	5.7	28.40	23.46	21.85	18.05
2.300	0.4	4.0	23.00	20.18	17.69	15.53
2.400	0.2	2.2	18.91	16.86	14.54	12.97
2.500	0.1	0.5	14.79	13.59	11.38	10.45
2.600	-0.1	-1.3	-18.64	-16.43	-14.34	-12.64
2.700	-0.2	-3.1	-22.82	-19.76	-17.55	-15.20
2.800	-0.4	-4.8	-28.19	-23.05	-21.69	-17.73
2.900	-0.6	-6.5	-33.45	-26.18	-25.73	-20.14
3.000	-0.7	-8.2	-38.37	-29.05	-29.52	-22.35
3.000	0.8	8.6	38.42	29.25	29.56	22.50
3.100	0.6	6.8	33.52	26.39	25.78	20.30
3.200	0.5	5.1	28.27	23.26	21.74	17.90
3.300	0.3	3.4	22.89	19.98	17.61	15.37
3.400	0.1	1.7	18.67	16.66	14.36	12.81
3.500	0.0	-0.1	14.60	-13.48	11.23	-10.37
3.600	-0.2	-1.9	-18.67	-16.74	-14.36	-12.88
3.700	-0.3	-3.6	-22.88	-20.07	-17.60	-15.44
3.800	-0.5	-5.3	-28.26	-23.35	-21.74	-17.96
3.900	-0.6	-7.1	-33.51	-26.48	-25.78	-20.37
4.000	-0.8	-8.8	-38.42	-29.34	-29.55	-22.57

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	38.42	29.33	29.56	22.56
4.100	0.6	7.0	33.51	26.47	25.78	20.36
4.200	0.5	5.3	28.26	23.34	21.74	17.95
4.300	0.3	3.5	22.89	20.06	17.61	15.43
4.400	0.2	1.8	18.67	16.73	14.36	12.87
4.500	0.0	0.1	14.61	13.47	11.23	10.36
4.600	-0.2	-1.8	-18.67	-16.71	-14.36	-12.85
4.700	-0.3	-3.5	-22.89	-20.03	-17.61	-15.41
4.800	-0.5	-5.2	-28.26	-23.31	-21.74	-17.93
4.900	-0.6	-6.9	-33.51	-26.44	-25.78	-20.34
5.000	-0.8	-8.6	-38.42	-29.30	-29.56	-22.54
5.000	0.8	8.6	38.42	29.31	29.56	22.55
5.100	0.6	6.9	33.51	26.45	25.78	20.35
5.200	0.5	5.2	28.26	23.33	21.74	17.94
5.300	0.3	3.5	22.89	20.05	17.61	15.42
5.400	0.2	1.8	18.67	16.72	14.36	12.86
5.500	0.0	0.1	14.61	-13.46	11.24	-10.36
5.600	-0.2	-1.8	-18.67	-16.73	-14.36	-12.87
5.700	-0.3	-3.5	-22.89	-20.05	-17.61	-15.43
5.800	-0.5	-5.2	-28.26	-23.34	-21.74	-17.95
5.900	-0.6	-7.0	-33.51	-26.46	-25.78	-20.36
6.000	-0.8	-8.7	-38.42	-29.32	-29.56	-22.56
6.000	0.8	8.7	38.42	29.32	29.56	22.56
6.100	0.6	7.0	33.51	26.46	25.78	20.36
6.200	0.5	5.2	28.26	23.34	21.74	17.95
6.300	0.3	3.5	22.89	20.05	17.61	15.43
6.400	0.2	1.8	18.67	16.73	14.36	12.87
6.500	0.0	0.1	14.61	13.46	11.24	10.36
6.600	-0.2	-1.8	-18.67	-16.72	-14.36	-12.86
6.700	-0.3	-3.5	-22.89	-20.05	-17.61	-15.42
6.800	-0.5	-5.2	-28.26	-23.33	-21.74	-17.94
6.900	-0.6	-6.9	-33.51	-26.45	-25.78	-20.35
7.000	-0.8	-8.6	-38.42	-29.31	-29.56	-22.55

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	38.42	29.30	29.56	22.54
7.100	0.6	6.9	33.51	26.44	25.78	20.34
7.200	0.5	5.2	28.26	23.31	21.74	17.93
7.300	0.3	3.5	22.89	20.03	17.61	15.41
7.400	0.2	1.8	18.67	16.71	14.36	12.85
7.500	0.0	0.1	14.61	-13.47	-11.24	-10.36
7.600	-0.2	-1.8	-18.67	-16.73	-14.36	-12.87
7.700	-0.3	-3.5	-22.89	-20.06	-17.61	-15.43
7.800	-0.5	-5.3	-28.26	-23.34	-21.74	-17.95
7.900	-0.6	-7.0	-33.51	-26.47	-25.78	-20.36
8.000	-0.8	-8.7	-38.42	-29.33	-29.56	-22.56
8.000	0.8	8.8	38.42	29.34	29.55	22.57
8.100	0.6	7.1	33.51	26.48	25.78	20.37
8.200	0.5	5.3	28.26	23.35	21.74	17.96
8.300	0.3	3.6	22.88	20.07	17.60	15.44
8.400	0.2	1.9	18.67	16.74	14.36	12.88
8.500	0.0	0.2	14.60	13.48	11.23	10.37
8.600	-0.1	-1.7	-18.67	-16.66	-14.36	-12.81
8.700	-0.3	-3.4	-22.89	-19.98	-17.61	-15.37
8.800	-0.5	-5.1	-28.27	-23.26	-21.74	-17.90
8.900	-0.6	-6.8	-33.52	-26.39	-25.78	-20.30
9.000	-0.8	-8.6	-38.42	-29.25	-29.56	-22.50
9.000	0.7	-8.6	38.37	29.05	29.52	22.35
9.100	0.6	6.5	33.45	26.18	25.73	20.14
9.200	0.4	4.8	28.19	23.05	21.69	17.73
9.300	0.2	3.1	22.82	19.76	17.55	15.20
9.400	0.1	1.3	18.64	16.43	14.34	12.64
9.500	-0.1	-0.4	-14.79	-13.59	-11.38	-10.45
9.600	-0.2	-2.2	-18.91	-16.86	-14.54	-12.97
9.700	-0.4	-4.0	-23.00	-20.18	-17.69	-15.53
9.800	-0.5	-5.7	-28.40	-23.46	-21.85	-18.05
9.900	-0.7	-7.4	-33.68	-26.57	-25.90	-20.44
10.000	-0.8	-9.1	-38.59	-29.41	-29.69	-22.63

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	40.86	29.69	31.43	22.84
10.100	0.9	8.7	36.40	27.15	28.00	20.89
10.200	0.7	7.0	31.40	24.42	24.15	18.78
10.300	0.5	5.3	25.94	21.53	19.95	16.56
10.400	0.4	3.6	20.25	18.55	15.58	14.27
10.500	0.2	1.9	16.77	15.50	12.90	11.92
10.600	0.0	0.1	-14.31	-13.14	-11.01	-10.11
10.700	-0.2	-1.7	-19.04	-16.39	-14.65	-12.61
10.800	-0.4	-3.4	-24.23	-19.88	-18.64	-15.29
10.900	-0.6	-5.2	-29.78	-23.60	-22.91	-18.15
11.000	-0.7	-6.9	-35.63	-27.51	-27.41	-21.16

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	103.3	-84.0	74.9
1.100	103.3	-82.9	76.0
1.200	103.3	-81.7	77.1
1.300	103.3	-80.6	78.3
1.400	103.3	-79.4	79.4
1.500	103.3	-78.3	80.6
1.600	103.3	-77.1	81.8
1.700	103.3	-75.9	82.9
1.800	103.3	-74.8	84.1
1.900	103.3	-73.6	85.2
2.000	103.3	-72.5	86.4
2.000	90.8	-72.5	63.9
2.100	90.8	-74.7	65.0
2.200	90.8	-73.5	66.1
2.300	90.8	-72.4	67.2
2.400	90.8	-71.3	68.4
2.500	90.8	-70.2	69.5
2.600	90.8	-69.0	70.7
2.700	90.8	-67.8	71.8
2.800	90.8	-66.7	72.9
2.900	90.8	-65.6	74.1
3.000	90.8	-64.5	70.3
3.000	90.8	-64.5	64.2
3.100	90.8	-74.3	65.4
3.200	90.8	-73.2	66.5
3.300	90.8	-72.0	67.6
3.400	90.8	-70.9	68.7
3.500	90.8	-69.8	69.9
3.600	90.8	-68.6	71.1
3.700	90.8	-67.5	72.2
3.800	90.8	-66.3	73.3
3.900	90.8	-65.2	74.4
4.000	90.8	-64.1	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	90.8	-64.1	64.1
4.100	90.8	-74.4	65.3
4.200	90.8	-73.3	66.4
4.300	90.8	-72.1	67.5
4.400	90.8	-71.0	68.6
4.500	90.8	-69.9	69.8
4.600	90.8	-68.7	71.0
4.700	90.8	-67.6	72.1
4.800	90.8	-66.4	73.2
4.900	90.8	-65.3	74.3
5.000	90.8	-64.2	70.3
5.000	90.8	-64.2	64.2
5.100	90.8	-74.4	65.3
5.200	90.8	-73.2	66.4
5.300	90.8	-72.1	67.5
5.400	90.8	-71.0	68.7
5.500	90.8	-69.9	69.8
5.600	90.8	-68.7	71.0
5.700	90.8	-67.5	72.1
5.800	90.8	-66.4	73.2
5.900	90.8	-65.3	74.4
6.000	90.8	-64.1	70.3
6.000	90.8	-64.1	64.1
6.100	90.8	-74.4	65.3
6.200	90.8	-73.2	66.4
6.300	90.8	-72.1	67.5
6.400	90.8	-71.0	68.7
6.500	90.8	-69.9	69.8
6.600	90.8	-68.7	71.0
6.700	90.8	-67.5	72.1
6.800	90.8	-66.4	73.2
6.900	90.8	-65.3	74.4
7.000	90.8	-64.2	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	90.8	-64.2	64.2
7.100	90.8	-74.3	65.3
7.200	90.8	-73.2	66.4
7.300	90.8	-72.1	67.6
7.400	90.8	-71.0	68.7
7.500	90.8	-69.8	69.8
7.600	90.8	-68.6	71.0
7.700	90.8	-67.5	72.1
7.800	90.8	-66.4	73.3
7.900	90.8	-65.3	74.4
8.000	90.8	-64.1	70.3
8.000	90.8	-64.1	64.1
8.100	90.8	-74.4	65.2
8.200	90.8	-73.3	66.3
8.300	90.8	-72.2	67.5
8.400	90.8	-71.1	68.6
8.500	90.8	-69.9	69.7
8.600	90.8	-68.7	70.9
8.700	90.8	-67.6	72.0
8.800	90.8	-66.5	73.2
8.900	90.8	-65.4	74.3
9.000	90.8	-64.2	70.3
9.000	90.8	-64.2	64.5
9.100	90.8	-74.1	65.6
9.200	90.8	-72.9	66.7
9.300	90.8	-71.8	67.8
9.400	90.8	-70.7	69.0
9.500	90.8	-69.6	70.1
9.600	90.8	-68.4	71.3
9.700	90.8	-67.2	72.4
9.800	90.8	-66.1	73.5
9.900	90.8	-65.0	74.7
10.000	90.8	-63.9	70.3

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	103.3	-63.9	72.5
10.100	103.3	-85.2	73.6
10.200	103.3	-84.1	74.8
10.300	103.3	-82.9	75.9
10.400	103.3	-81.8	77.1
10.500	103.3	-80.6	78.2
10.600	103.3	-79.4	79.4
10.700	103.3	-78.3	80.6
10.800	103.3	-77.1	81.7
10.900	103.3	-76.0	82.9
11.000	103.3	-74.9	79.9

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	31.49	2.10	HS 42.01	75.6
1.100	23.53	2.55	HS 51.03	91.9
1.200	12.50	3.18	HS 63.68	114.6
1.300	8.30	4.11	HS 82.21	148.0
1.400	6.22	5.55	HS 110.98	199.8
1.500	4.67	7.46	HS 93.38	168.1
1.600	3.81	10.89	HS 76.12	137.0
1.700	2.93	16.07	HS 58.55	105.4
1.800	2.38	26.70	HS 47.63	85.7
1.900	2.02	57.06	HS 40.46	72.8
2.000	1.77	120.81	HS 35.48	63.9
2.000	1.77	1.64	HS 32.83	59.1
2.100	22.40	1.93	HS 38.59	69.5
2.200	15.76	2.33	HS 46.55	83.8
2.300	10.08	2.92	HS 58.47	105.2
2.400	7.10	3.62	HS 72.31	130.2
2.500	4.82	4.70	HS 93.95	169.1
2.600	3.70	6.75	HS 74.00	133.2
2.700	2.97	9.46	HS 59.45	107.0
2.800	2.37	14.44	HS 47.32	85.2
2.900	1.96	17.59	HS 39.21	70.6
3.000	1.68	16.69	HS 33.60	60.5
3.000	1.68	1.67	HS 33.44	60.2
3.100	20.68	1.95	HS 39.00	70.2
3.200	14.71	2.35	HS 47.04	84.7
3.300	9.60	2.95	HS 59.07	106.3
3.400	6.84	3.68	HS 73.64	132.6
3.500	4.78	4.78	HS 95.57	172.0
3.600	3.67	6.91	HS 73.46	132.2
3.700	2.95	9.73	HS 58.95	106.1
3.800	2.35	15.01	HS 46.94	84.5
3.900	1.95	21.34	HS 38.91	70.0
4.000	1.67	20.44	HS 33.35	60.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value		Load Capacity (tons)
4.000	1.67	1.67	HS	33.35	60.0
4.100	20.94	1.95	HS	38.94	70.1
4.200	14.84	2.35	HS	46.97	84.6
4.300	9.66	2.95	HS	58.99	106.2
4.400	6.87	3.68	HS	73.52	132.3
4.500	4.78	4.78	HS	95.53	172.0
4.600	3.68	6.85	HS	73.56	132.4
4.700	2.95	9.62	HS	59.03	106.3
4.800	2.35	14.76	HS	47.01	84.6
4.900	1.95	20.79	HS	38.97	70.1
5.000	1.67	19.92	HS	33.41	60.1
5.000	1.67	1.67	HS	33.40	60.1
5.100	20.81	1.95	HS	38.96	70.1
5.200	14.77	2.35	HS	47.00	84.6
5.300	9.63	2.95	HS	59.02	106.2
5.400	6.86	3.68	HS	73.55	132.4
5.500	4.78	4.78	HS	95.57	172.0
5.600	3.68	6.86	HS	73.53	132.4
5.700	2.95	9.64	HS	59.00	106.2
5.800	2.35	14.80	HS	46.99	84.6
5.900	1.95	20.86	HS	38.95	70.1
6.000	1.67	19.99	HS	33.39	60.1
6.000	1.67	1.67	HS	33.39	60.1
6.100	20.86	1.95	HS	38.95	70.1
6.200	14.80	2.35	HS	46.99	84.6
6.300	9.64	2.95	HS	59.00	106.2
6.400	6.86	3.68	HS	73.53	132.4
6.500	4.78	4.78	HS	95.55	172.0
6.600	3.68	6.86	HS	73.55	132.4
6.700	2.95	9.63	HS	59.02	106.2
6.800	2.35	14.77	HS	47.00	84.6
6.900	1.95	20.81	HS	38.96	70.1
7.000	1.67	19.94	HS	33.40	60.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value		Load Capacity (tons)
7.000	1.67	1.67	HS	33.40	60.1
7.100	20.79	1.95	HS	38.97	70.1
7.200	14.76	2.35	HS	47.01	84.6
7.300	9.62	2.95	HS	59.03	106.3
7.400	6.85	3.68	HS	73.56	132.4
7.500	4.78	4.78	HS	95.59	172.1
7.600	3.68	6.87	HS	73.52	132.3
7.700	2.95	9.66	HS	58.99	106.2
7.800	2.35	14.84	HS	46.97	84.6
7.900	1.95	20.94	HS	38.94	70.1
8.000	1.67	20.06	HS	33.38	60.1
8.000	1.67	1.67	HS	33.35	60.0
8.100	21.34	1.95	HS	38.91	70.0
8.200	15.01	2.35	HS	46.94	84.5
8.300	9.73	2.95	HS	58.95	106.1
8.400	6.91	3.67	HS	73.46	132.2
8.500	4.79	4.77	HS	95.47	171.8
8.600	3.68	6.84	HS	73.64	132.6
8.700	2.95	9.60	HS	59.07	106.3
8.800	2.35	14.71	HS	47.04	84.7
8.900	1.95	20.68	HS	39.00	70.2
9.000	1.67	19.83	HS	33.44	60.2
9.000	1.67	1.68	HS	33.44	60.2
9.100	18.28	1.96	HS	39.21	70.6
9.200	14.44	2.37	HS	47.32	85.2
9.300	9.46	2.97	HS	59.45	107.0
9.400	6.75	3.70	HS	74.00	133.2
9.500	4.70	4.81	HS	94.06	169.3
9.600	3.62	7.10	HS	72.31	130.2
9.700	2.92	10.08	HS	58.47	105.2
9.800	2.33	15.76	HS	46.55	83.8
9.900	1.93	21.47	HS	38.59	69.5
10.000	1.65	20.22	HS	33.09	59.6

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	1.65	1.77	HS 33.09	59.6
10.100	57.06	2.02	HS 40.46	72.8
10.200	26.70	2.38	HS 47.63	85.7
10.300	16.07	2.93	HS 58.55	105.4
10.400	10.89	3.81	HS 76.12	137.0
10.500	7.47	4.66	HS 93.29	167.9
10.600	5.55	6.22	HS 110.98	199.8
10.700	4.11	8.30	HS 82.21	148.0
10.800	3.18	12.50	HS 63.68	114.6
10.900	2.55	23.53	HS 51.03	91.9
11.000	2.10	30.37	HS 42.01	75.6

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	199.3	199.3	-199.3	-199.3	199.3	199.3	-199.3	-199.3
1.100	206.0	206.0	-192.7	-192.7	189.3	189.3	-209.3	-209.3
1.200	210.7	210.7	-187.9	-187.9	182.2	182.2	-216.5	-216.5
1.300	213.6	213.6	-185.0	-185.0	177.9	177.9	-220.7	-220.7
1.400	214.6	214.6	-184.1	-184.1	176.5	176.5	-222.2	-222.2
1.500	213.6	213.6	-185.0	-185.0	177.9	177.9	-220.7	-220.7
1.600	210.6	210.6	-188.0	-188.0	182.4	182.4	-216.3	-216.3
1.700	205.7	205.7	-192.9	-192.9	189.7	189.7	-208.9	-208.9
1.800	199.0	199.0	-199.7	-199.7	199.9	199.9	-198.8	-198.8
1.900	190.3	190.3	-208.4	-208.4	212.9	212.9	-185.7	-185.7
2.000	179.7	179.7	-219.0	-219.0	228.8	228.8	-169.8	-169.8
2.000	148.0	148.0	-187.3	-187.3	197.1	197.1	-138.2	-138.2
2.100	157.0	157.0	-178.3	-178.3	183.6	183.6	-151.7	-151.7
2.200	164.1	164.1	-171.1	-171.1	172.9	172.9	-162.4	-162.4
2.300	169.4	169.4	-165.9	-165.9	165.0	165.0	-170.3	-170.3
2.400	172.8	172.8	-162.5	-162.5	159.9	159.9	-175.4	-175.4
2.500	174.3	174.3	-161.0	-161.0	157.7	157.7	-177.6	-177.6
2.600	173.8	173.8	-161.5	-161.5	158.4	158.4	-176.9	-176.9
2.700	171.4	171.4	-163.9	-163.9	162.0	162.0	-173.3	-173.3
2.800	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
2.900	161.1	161.1	-174.2	-174.2	177.5	177.5	-157.8	-157.8

3.000	153.1	153.1	-182.2	-182.2	189.5	189.5	-145.8	-145.8

3.000	153.1	153.1	-182.2	-182.2	189.5	189.5	-145.8	-145.8
3.100	161.4	161.4	-173.8	-173.8	177.0	177.0	-158.3	-158.3
3.200	167.9	167.9	-167.4	-167.4	167.2	167.2	-168.1	-168.1
3.300	172.5	172.5	-162.7	-162.7	160.3	160.3	-175.0	-175.0
3.400	175.3	175.3	-160.0	-160.0	156.2	156.2	-179.1	-179.1
3.500	176.2	176.2	-159.1	-159.1	154.9	154.9	-180.4	-180.4
3.600	175.0	175.0	-160.3	-160.3	156.6	156.6	-178.7	-178.7
3.700	172.0	172.0	-163.3	-163.3	161.1	161.1	-174.2	-174.2
3.800	167.1	167.1	-168.2	-168.2	168.4	168.4	-166.8	-166.8
3.900	160.3	160.3	-174.9	-174.9	178.6	178.6	-156.7	-156.7
4.000	151.7	151.7	-183.6	-183.6	191.6	191.6	-143.7	-143.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	151.7	151.7	-183.6	-183.6	191.6	191.6	-143.7	-143.7
4.100	160.2	160.2	-175.0	-175.0	178.7	178.7	-156.5	-156.5
4.200	166.9	166.9	-168.4	-168.4	168.7	168.7	-166.5	-166.5
4.300	171.7	171.7	-163.6	-163.6	161.5	161.5	-173.7	-173.7
4.400	174.6	174.6	-160.7	-160.7	157.2	157.2	-178.1	-178.1
4.500	175.7	175.7	-159.6	-159.6	155.6	155.6	-179.7	-179.7
4.600	174.7	174.7	-160.6	-160.6	157.1	157.1	-178.2	-178.2
4.700	171.8	171.8	-163.4	-163.4	161.3	161.3	-174.0	-174.0
4.800	167.1	167.1	-168.1	-168.1	168.4	168.4	-166.9	-166.9
4.900	160.5	160.5	-174.7	-174.7	178.3	178.3	-157.0	-157.0
5.000	152.1	152.1	-183.2	-183.2	191.0	191.0	-144.3	-144.3
5.000	152.1	152.1	-183.2	-183.2	191.0	191.0	-144.3	-144.3
5.100	160.6	160.6	-174.7	-174.7	178.3	178.3	-157.0	-157.0
5.200	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
5.300	171.9	171.9	-163.4	-163.4	161.2	161.2	-174.1	-174.1
5.400	174.8	174.8	-160.5	-160.5	156.9	156.9	-178.4	-178.4
5.500	175.8	175.8	-159.5	-159.5	155.4	155.4	-179.9	-179.9
5.600	174.8	174.8	-160.5	-160.5	157.0	157.0	-178.3	-178.3
5.700	171.9	171.9	-163.4	-163.4	161.3	161.3	-174.0	-174.0
5.800	167.1	167.1	-168.2	-168.2	168.4	168.4	-166.8	-166.8
5.900	160.5	160.5	-174.8	-174.8	178.4	178.4	-156.9	-156.9

6.000	151.9	151.9	-183.3	-183.3	191.2	191.2	-144.1	-144.1

6.000	151.9	151.9	-183.3	-183.3	191.2	191.2	-144.1	-144.1
6.100	160.5	160.5	-174.8	-174.8	178.4	178.4	-156.9	-156.9
6.200	167.1	167.1	-168.2	-168.2	168.4	168.4	-166.8	-166.8
6.300	171.9	171.9	-163.4	-163.4	161.3	161.3	-174.0	-174.0
6.400	174.8	174.8	-160.5	-160.5	157.0	157.0	-178.3	-178.3
6.500	175.8	175.8	-159.5	-159.5	155.4	155.4	-179.9	-179.9
6.600	174.8	174.8	-160.5	-160.5	156.9	156.9	-178.4	-178.4
6.700	171.9	171.9	-163.4	-163.4	161.2	161.2	-174.1	-174.1
6.800	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
6.900	160.6	160.6	-174.7	-174.7	178.3	178.3	-157.0	-157.0
7.000	152.1	152.1	-183.2	-183.2	191.0	191.0	-144.3	-144.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	152.1	152.1	-183.2	-183.2	191.0	191.0	-144.3	-144.3
7.100	160.5	160.5	-174.7	-174.7	178.3	178.3	-157.0	-157.0
7.200	167.1	167.1	-168.1	-168.1	168.4	168.4	-166.9	-166.9
7.300	171.8	171.8	-163.4	-163.4	161.3	161.3	-174.0	-174.0
7.400	174.7	174.7	-160.6	-160.6	157.1	157.1	-178.2	-178.2
7.500	175.7	175.7	-159.6	-159.6	155.6	155.6	-179.7	-179.7
7.600	174.6	174.6	-160.7	-160.7	157.2	157.2	-178.1	-178.1
7.700	171.7	171.7	-163.6	-163.6	161.5	161.5	-173.7	-173.7
7.800	166.9	166.9	-168.4	-168.4	168.7	168.7	-166.5	-166.5
7.900	160.2	160.2	-175.0	-175.0	178.7	178.7	-156.5	-156.5
8.000	151.7	151.7	-183.6	-183.6	191.6	191.6	-143.7	-143.7
8.000	151.7	151.7	-183.6	-183.6	191.6	191.6	-143.7	-143.7
8.100	160.3	160.3	-174.9	-174.9	178.6	178.6	-156.7	-156.7
8.200	167.1	167.1	-168.2	-168.2	168.4	168.4	-166.8	-166.8
8.300	172.0	172.0	-163.3	-163.3	161.1	161.1	-174.2	-174.2
8.400	175.0	175.0	-160.3	-160.3	156.6	156.6	-178.7	-178.7
8.500	176.2	176.2	-159.1	-159.1	154.9	154.9	-180.4	-180.4
8.600	175.3	175.3	-160.0	-160.0	156.2	156.2	-179.1	-179.1
8.700	172.5	172.5	-162.7	-162.7	160.3	160.3	-175.0	-175.0
8.800	167.9	167.9	-167.4	-167.4	167.2	167.2	-168.1	-168.1
8.900	161.4	161.4	-173.8	-173.8	177.0	177.0	-158.3	-158.3

9.000	153.1	153.1	-182.2	-182.2	189.5	189.5	-145.8	-145.8

9.000	153.1	153.1	-182.2	-182.2	189.5	189.5	-145.8	-145.8
9.100	161.1	161.1	-174.2	-174.2	177.5	177.5	-157.8	-157.8
9.200	167.2	167.2	-168.1	-168.1	168.3	168.3	-167.0	-167.0
9.300	171.4	171.4	-163.9	-163.9	162.0	162.0	-173.3	-173.3
9.400	173.8	173.8	-161.5	-161.5	158.4	158.4	-176.9	-176.9
9.500	174.3	174.3	-161.0	-161.0	157.7	157.7	-177.6	-177.6
9.600	172.8	172.8	-162.5	-162.5	159.9	159.9	-175.4	-175.4
9.700	169.4	169.4	-165.9	-165.9	165.0	165.0	-170.3	-170.3
9.800	164.1	164.1	-171.1	-171.1	172.9	172.9	-162.4	-162.4
9.900	157.0	157.0	-178.3	-178.3	183.6	183.6	-151.7	-151.7
10.000	148.0	148.0	-187.3	-187.3	197.1	197.1	-138.2	-138.2

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	148.0	148.0	-187.3	-187.3	197.1	197.1	-138.2	-138.2
10.100	190.3	190.3	-208.4	-208.4	212.9	212.9	-185.7	-185.7
10.200	199.0	199.0	-199.7	-199.7	199.9	199.9	-198.8	-198.8
10.300	205.7	205.7	-192.9	-192.9	189.7	189.7	-208.9	-208.9
10.400	210.6	210.6	-188.0	-188.0	182.4	182.4	-216.3	-216.3
10.500	213.6	213.6	-185.0	-185.0	177.9	177.9	-220.7	-220.7
10.600	214.6	214.6	-184.1	-184.1	176.5	176.5	-222.2	-222.2
10.700	213.6	213.6	-185.0	-185.0	177.9	177.9	-220.7	-220.7
10.800	210.7	210.7	-187.9	-187.9	182.2	182.2	-216.5	-216.5
10.900	206.0	206.0	-192.7	-192.7	189.3	189.3	-209.3	-209.3
11.000	199.3	199.3	-199.3	-199.3	199.3	199.3	-199.3	-199.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	2.54	30.07	2.54	30.07	HS 50.85	91.5
1.200	1.50	15.55	1.50	15.55	HS 30.08	54.1
1.300	1.25	10.57	1.25	10.57	HS 24.91	44.8
1.400	1.23	7.98	1.23	7.98	HS 24.66	44.4
1.500	1.32	6.34	1.32	6.34	HS 26.36	47.4
1.600	1.42	5.18	1.42	5.18	HS 28.46	51.2
1.700	1.71	4.29	1.71	4.29	HS 34.25	61.7
1.800	2.81	3.57	2.81	3.57	HS 56.16	101.1
1.900	8.10	2.69	8.10	2.69	HS 53.82	96.9
2.000	12.27	1.47	12.27	1.47	HS 29.36	52.9
2.000	10.57	1.19	10.57	1.19	HS 23.89	43.0
2.100	7.68	2.01	7.68	2.01	HS 40.13	72.2
2.200	2.66	2.62	2.66	2.62	HS 52.43	94.4
2.300	1.73	3.31	1.73	3.31	HS 34.59	62.3
2.400	1.49	4.29	1.49	4.29	HS 29.79	53.6
2.500	1.50	5.85	1.50	5.85	HS 30.03	54.1
2.600	1.48	5.28	1.48	5.28	HS 29.56	53.2
2.700	1.69	4.11	1.69	4.11	HS 33.78	60.8
2.800	2.54	3.28	2.54	3.28	HS 50.87	91.6
2.900	6.26	2.40	6.26	2.40	HS 48.06	86.5
3.000	8.52	1.33	8.52	1.33	HS 26.61	47.9
3.000	8.52	1.33	8.52	1.33	HS 26.61	47.9
3.100	6.12	2.42	6.12	2.42	HS 48.48	87.3
3.200	2.53	3.33	2.53	3.33	HS 50.62	91.1
3.300	1.67	4.18	1.67	4.18	HS 33.33	60.0
3.400	1.45	5.38	1.45	5.38	HS 28.94	52.1
3.500	1.47	7.23	1.47	7.23	HS 29.40	52.9
3.600	1.45	5.32	1.45	5.32	HS 29.01	52.2
3.700	1.67	4.12	1.67	4.12	HS 33.48	60.3
3.800	2.55	3.28	2.55	3.28	HS 50.93	91.7
3.900	6.40	2.39	6.40	2.39	HS 47.75	85.9
4.000	10.48	1.31	10.48	1.31	HS 26.21	47.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	10.48	1.31	10.48	1.31	HS 26.21	47.2
4.100	6.33	2.39	6.33	2.39	HS 47.72	85.9
4.200	2.55	3.27	2.55	3.27	HS 51.03	91.9
4.300	1.68	4.11	1.68	4.11	HS 33.57	60.4
4.400	1.46	5.30	1.46	5.30	HS 29.12	52.4
4.500	1.48	7.08	1.48	7.08	HS 29.54	53.2
4.600	1.46	5.30	1.46	5.30	HS 29.10	52.4
4.700	1.68	4.12	1.68	4.12	HS 33.53	60.3
4.800	2.55	3.28	2.55	3.28	HS 50.92	91.7
4.900	6.34	2.39	6.34	2.39	HS 47.84	86.1
5.000	10.28	1.32	10.28	1.32	HS 26.31	47.4
5.000	10.28	1.32	10.28	1.32	HS 26.31	47.4
5.100	6.23	2.39	6.23	2.39	HS 47.85	86.1
5.200	2.55	3.28	2.55	3.28	HS 50.90	91.6
5.300	1.67	4.12	1.67	4.12	HS 33.50	60.3
5.400	1.45	5.31	1.45	5.31	HS 29.07	52.3
5.500	1.48	7.11	1.48	7.11	HS 29.50	53.1
5.600	1.45	5.30	1.45	5.30	HS 29.08	52.3
5.700	1.68	4.12	1.68	4.12	HS 33.52	60.3
5.800	2.55	3.28	2.55	3.28	HS 50.93	91.7
5.900	6.36	2.39	6.36	2.39	HS 47.80	86.0
6.000	10.34	1.31	10.34	1.31	HS 26.28	47.3
6.000	10.34	1.31	10.34	1.31	HS 26.28	47.3
6.100	6.25	2.39	6.25	2.39	HS 47.80	86.0
6.200	2.55	3.28	2.55	3.28	HS 50.93	91.7
6.300	1.68	4.12	1.68	4.12	HS 33.52	60.3
6.400	1.45	5.30	1.45	5.30	HS 29.08	52.3
6.500	1.48	7.11	1.48	7.11	HS 29.50	53.1
6.600	1.45	5.31	1.45	5.31	HS 29.07	52.3
6.700	1.67	4.12	1.67	4.12	HS 33.50	60.3
6.800	2.55	3.28	2.55	3.28	HS 50.90	91.6
6.900	6.34	2.39	6.34	2.39	HS 47.85	86.1
7.000	10.28	1.32	10.28	1.32	HS 26.31	47.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	10.28	1.32	10.28	1.32	HS 26.31	47.4
7.100	6.23	2.39	6.23	2.39	HS 47.84	86.1
7.200	2.55	3.28	2.55	3.28	HS 50.92	91.7
7.300	1.68	4.12	1.68	4.12	HS 33.53	60.3
7.400	1.46	5.30	1.46	5.30	HS 29.10	52.4
7.500	1.48	7.08	1.48	7.08	HS 29.54	53.2
7.600	1.46	5.30	1.46	5.30	HS 29.12	52.4
7.700	1.68	4.11	1.68	4.11	HS 33.57	60.4
7.800	2.55	3.27	2.55	3.27	HS 51.03	91.9
7.900	6.44	2.39	6.44	2.39	HS 47.72	85.9
8.000	10.48	1.31	10.48	1.31	HS 26.21	47.2
8.000	10.48	1.31	10.48	1.31	HS 26.21	47.2
8.100	6.29	2.39	6.29	2.39	HS 47.75	85.9
8.200	2.55	3.28	2.55	3.28	HS 50.93	91.7
8.300	1.67	4.12	1.67	4.12	HS 33.48	60.3
8.400	1.45	5.32	1.45	5.32	HS 29.01	52.2
8.500	1.47	7.23	1.47	7.23	HS 29.40	52.9
8.600	1.45	5.38	1.45	5.38	HS 28.94	52.1
8.700	1.67	4.18	1.67	4.18	HS 33.33	60.0
8.800	2.53	3.33	2.53	3.33	HS 50.62	91.1
8.900	6.23	2.42	6.23	2.42	HS 48.48	87.3
9.000	8.52	1.33	8.52	1.33	HS 26.61	47.9
9.000	8.52	1.33	8.52	1.33	HS 26.61	47.9
9.100	6.16	2.40	6.16	2.40	HS 48.06	86.5
9.200	2.54	3.28	2.54	3.28	HS 50.87	91.6
9.300	1.69	4.11	1.69	4.11	HS 33.78	60.8
9.400	1.48	5.28	1.48	5.28	HS 29.56	53.2
9.500	1.50	5.85	1.50	5.85	HS 30.03	54.1
9.600	1.49	4.29	1.49	4.29	HS 29.79	53.6
9.700	1.73	3.31	1.73	3.31	HS 34.59	62.3
9.800	2.66	2.62	2.66	2.62	HS 52.43	94.4
9.900	7.83	2.01	7.83	2.01	HS 40.13	72.2
10.000	10.57	1.20	10.57	1.20	HS 24.04	43.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: INV.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	10.57	1.20	10.57	1.20	HS 24.04	43.3
10.100	7.95	2.69	7.95	2.69	HS 53.82	96.9
10.200	2.81	3.57	2.81	3.57	HS 56.16	101.1
10.300	1.71	4.29	1.71	4.29	HS 34.25	61.7
10.400	1.42	5.18	1.42	5.18	HS 28.46	51.2
10.500	1.32	6.34	1.32	6.34	HS 26.36	47.4
10.600	1.23	7.98	1.23	7.98	HS 24.66	44.4
10.700	1.25	10.57	1.25	10.57	HS 24.91	44.8
10.800	1.50	15.55	1.50	15.55	HS 30.08	54.1
10.900	2.54	30.07	2.54	30.07	HS 50.85	91.5
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	74.46	L	46.51	57.28	35.77
1.200	2.8	25.8	121.14	L	79.47	93.18	61.13
1.300	3.5	32.2	142.83	L	101.42	109.87	78.01
1.400	3.7	34.4	143.13	L	110.70	110.10	85.15
1.500	3.5	32.2	134.99	L	110.27	103.84	84.83
1.600	2.8	25.4	128.16	L	98.93	98.59	76.10
1.700	1.7	14.4	110.76	L	80.07	85.20	61.59
1.800	0.1	-1.0	71.18	L	52.92	54.76	40.70
1.900	-2.0	-20.7	-69.02	L	-64.36	-53.10	-49.51
2.000	-4.5	-44.7	-115.68	L	-106.66	-88.99	-82.05
2.000	-4.5	-44.7	-115.68	L	-106.66	-88.99	-82.05
2.100	-2.6	-24.0	-75.60	R	-65.20	-58.15	-50.15
2.200	-1.0	-7.7	65.10	R	45.48	50.07	34.99
2.300	0.1	4.3	95.41	R	68.82	73.39	52.94
2.400	0.8	12.0	107.38	R	83.25	82.60	64.04
2.500	1.2	15.5	105.00	L	89.43	80.77	68.79
2.600	1.1	14.3	107.17	L	84.82	82.44	65.25
2.700	0.7	8.8	95.90	L	71.92	73.77	55.32
2.800	-0.1	-1.0	66.18	L	50.41	50.90	38.78
2.900	-1.3	-15.1	-65.66	L	-59.35	-50.51	-45.66
3.000	-2.9	-33.5	-109.54	L	-99.28	-84.26	-76.37
3.000	-2.9	-33.5	-109.54	L	-99.28	-84.26	-76.37
3.100	-1.2	-14.3	-65.31	R	-58.86	-50.24	-45.28
3.200	0.1	0.6	66.06	R	50.05	50.82	38.50
3.300	1.0	11.2	96.18	R	72.77	73.98	55.97
3.400	1.6	17.5	107.91	R	86.39	83.01	66.46
3.500	1.7	19.5	105.35	R	91.75	81.04	70.58
3.600	1.5	16.9	107.95	L	86.32	83.04	66.40
3.700	0.9	10.0	96.23	L	72.61	74.03	55.85
3.800	-0.1	-1.2	66.14	L	50.36	50.88	38.74
3.900	-1.5	-16.7	-65.64	L	-60.21	-50.49	-46.31
4.000	-3.3	-36.5	-109.67	L	-100.89	-84.36	-77.60

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	-3.3	-36.5	-109.67	L	-100.89	-84.36	-77.60
4.100	-1.6	-16.9	-65.61	R	-60.27	-50.47	-46.36
4.200	-0.2	-1.6	66.13	R	49.52	50.87	38.09
4.300	0.8	9.4	96.23	R	72.33	74.03	55.64
4.400	1.4	16.1	107.95	R	86.05	83.04	66.19
4.500	1.6	18.5	105.37	R	91.50	81.05	70.38
4.600	1.4	16.2	107.95	L	86.15	83.04	66.27
4.700	0.8	9.7	96.24	L	72.53	74.03	55.79
4.800	-0.1	-1.1	66.14	L	50.38	50.88	38.76
4.900	-1.5	-16.3	-65.63	L	-60.10	-50.49	-46.23
5.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
5.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
5.100	-1.5	-16.2	-65.63	R	-60.09	-50.49	-46.22
5.200	-0.1	-1.0	66.14	R	49.83	50.88	38.33
5.300	0.9	9.9	96.24	R	72.59	74.03	55.84
5.400	1.4	16.4	107.95	R	86.25	83.04	66.34
5.500	1.6	18.7	105.37	L	91.64	81.05	70.49
5.600	1.4	16.4	107.95	L	86.23	83.04	66.33
5.700	0.8	9.7	96.24	L	72.56	74.03	55.82
5.800	-0.1	-1.2	66.14	L	50.36	50.88	38.74
5.900	-1.5	-16.4	-65.63	L	-60.17	-50.49	-46.28
6.000	-3.3	-36.0	-109.68	R	-100.81	-84.37	-77.54
6.000	-3.3	-36.0	-109.68	R	-100.81	-84.37	-77.54
6.100	-1.5	-16.4	-65.63	R	-60.20	-50.49	-46.30
6.200	-0.1	-1.2	66.14	R	49.79	50.88	38.30
6.300	0.8	9.7	96.24	R	72.56	74.03	55.82
6.400	1.4	16.4	107.96	R	86.23	83.04	66.33
6.500	1.6	18.7	105.37	L	91.64	81.05	70.49
6.600	1.4	16.4	107.95	L	86.25	83.04	66.34
6.700	0.9	9.9	96.24	L	72.59	74.03	55.84
6.800	-0.1	-1.0	66.14	L	50.40	50.88	38.77
6.900	-1.5	-16.2	-65.63	L	-60.06	-50.49	-46.20
7.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-35.7	-109.68	L	-100.68	-84.37	-77.45
7.100	-1.5	-16.3	-65.63	R	-60.13	-50.49	-46.25
7.200	-0.1	-1.1	66.14	R	49.81	50.88	38.32
7.300	0.8	9.7	96.24	R	72.53	74.03	55.79
7.400	1.4	16.2	107.96	R	86.15	83.04	66.27
7.500	1.6	18.5	105.37	L	91.50	81.05	70.38
7.600	1.4	16.1	107.95	L	86.05	83.04	66.19
7.700	0.8	9.4	96.23	L	72.33	74.03	55.64
7.800	-0.2	-1.6	66.13	L	50.09	50.87	38.53
7.900	-1.6	-16.9	-65.61	L	-60.24	-50.47	-46.34
8.000	-3.3	-36.5	-109.67	R	-100.89	-84.36	-77.60
8.000	-3.3	-36.5	-109.67	R	-100.89	-84.36	-77.60
8.100	-1.5	-16.7	-65.64	R	-60.23	-50.49	-46.33
8.200	-0.1	-1.2	66.14	R	49.79	50.88	38.30
8.300	0.9	10.0	96.23	R	72.61	74.03	55.85
8.400	1.5	16.9	107.95	R	86.32	83.04	66.40
8.500	1.7	19.5	105.35	L	91.75	81.04	70.58
8.600	1.6	17.5	107.91	L	86.39	83.01	66.46
8.700	1.0	11.2	96.18	L	72.77	73.98	55.97
8.800	0.1	0.6	66.06	L	50.62	50.82	38.94
8.900	-1.2	-14.3	-65.31	L	-58.83	-50.24	-45.25
9.000	-2.9	-33.5	-109.54	R	-99.28	-84.26	-76.37
9.000	-2.9	-33.5	-109.54	R	-99.28	-84.26	-76.37
9.100	-1.3	-15.1	-65.66	R	-59.38	-50.51	-45.68
9.200	-0.1	-1.0	66.18	R	49.84	50.90	38.34
9.300	0.7	8.8	95.90	R	71.92	73.77	55.32
9.400	1.1	14.3	107.17	R	84.82	82.44	65.25
9.500	1.2	15.5	105.00	R	89.43	80.77	68.79
9.600	0.8	12.0	107.38	L	83.25	82.60	64.04
9.700	0.1	4.3	95.41	L	68.82	73.39	52.94
9.800	-1.0	-7.7	65.10	L	46.06	50.07	35.43
9.900	-2.6	-24.0	-75.60	L	-65.17	-58.15	-50.13
10.000	-4.5	-44.7	-114.96	R	-106.66	-88.43	-82.05

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-44.7	-114.96	R	-106.66	-88.43	-82.05
10.100	-2.0	-20.7	-69.02	R	-64.38	-53.10	-49.53
10.200	0.1	-1.0	71.18	R	52.92	54.76	40.70
10.300	1.7	14.4	110.76	R	80.07	85.20	61.59
10.400	2.8	25.4	128.16	R	98.93	98.59	76.10
10.500	3.5	32.2	134.99	R	110.27	103.84	84.83
10.600	3.7	34.4	143.13	R	110.70	110.10	85.15
10.700	3.5	32.2	142.83	R	101.42	109.87	78.01
10.800	2.8	25.8	121.14	R	79.47	93.18	61.13
10.900	1.6	15.0	74.46	R	46.51	57.28	35.77
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
1.200	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
1.300	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.400	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
1.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.600	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
1.700	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
1.800	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
1.900	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
2.000	359.7C	319.4	-319.4	-359.7C	408.8	368.6	-270.3	-310.6
2.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5
2.100	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
2.200	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
2.300	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
2.400	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
2.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
2.600	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
2.700	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
2.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
2.900	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2

3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.100	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1
3.200	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
3.400	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
3.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
3.600	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
3.700	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
3.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
3.900	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
4.100	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
4.200	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
4.300	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
4.400	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
4.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
4.600	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
4.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
4.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
4.900	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.100	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
5.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
5.300	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
5.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
5.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
5.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
5.900	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4
6.100	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7
6.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
6.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
6.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
6.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.700	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
6.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
6.900	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
7.100	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
7.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
7.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
7.400	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
7.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
7.600	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
7.700	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
7.800	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
7.900	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.100	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
8.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
8.300	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
8.400	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
8.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
8.600	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
8.700	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
8.800	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
9.100	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2
9.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
9.300	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
9.400	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
9.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
9.600	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
9.700	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
9.800	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
9.900	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
10.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	408.8	317.8	-219.5	-310.6
10.100	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
10.200	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
10.300	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
10.400	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
10.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.600	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
10.700	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.800	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
10.900	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	4.61	48.28	4.07	54.07	HS 81.33	146.4
1.200	2.73	25.00	2.40	27.89	HS 48.02	86.4
1.300	2.27	17.01	1.99	18.93	HS 39.73	71.5
1.400	2.25	12.84	1.97	14.29	HS 39.31	70.8
1.500	2.40	10.20	2.10	11.36	HS 42.03	75.7
1.600	2.59	8.32	2.27	9.29	HS 45.44	81.8
1.700	3.10	6.89	2.74	7.71	HS 54.78	98.6
1.800	5.07	5.72	4.50	6.44	HS 90.00	162.0
1.900	14.55	4.30	13.02	4.88	HS 85.99	154.8
2.000	21.92	2.34	19.76	2.68	HS 46.73	84.1
2.000	18.75	1.90	17.04	2.17	HS 37.95	68.3
2.100	13.68	3.20	12.34	3.62	HS 64.04	115.3
2.200	4.75	4.20	4.26	4.71	HS 83.91	151.0
2.300	3.11	5.31	2.77	5.93	HS 55.39	99.7
2.400	2.68	6.88	2.38	7.66	HS 47.64	85.8
2.500	2.70	9.39	2.40	10.44	HS 48.00	86.4
2.600	2.66	8.47	2.36	9.43	HS 47.26	85.1
2.700	3.04	6.59	2.70	7.34	HS 54.05	97.3
2.800	4.56	5.25	4.08	5.88	HS 81.54	146.8
2.900	11.19	3.84	10.06	4.33	HS 76.82	138.3
3.000	15.16	2.12	13.72	2.41	HS 42.40	76.3
3.000	15.16	2.12	13.72	2.41	HS 42.40	76.3
3.100	10.94	3.88	9.83	4.36	HS 77.51	139.5
3.200	4.54	5.34	4.06	5.98	HS 81.12	146.0
3.300	3.00	6.71	2.67	7.48	HS 53.32	96.0
3.400	2.61	8.64	2.31	9.60	HS 46.25	83.2
3.500	2.65	11.62	2.35	12.90	HS 46.96	84.5
3.600	2.61	8.54	2.32	9.49	HS 46.36	83.4
3.700	3.01	6.61	2.68	7.37	HS 53.57	96.4
3.800	4.57	5.25	4.08	5.88	HS 81.64	147.0
3.900	11.43	3.82	10.28	4.30	HS 76.30	137.3
4.000	18.63	2.09	16.88	2.38	HS 41.73	75.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.63	2.09	16.88	2.38	HS 41.73	75.1
4.100	11.30	3.81	10.17	4.30	HS 76.26	137.3
4.200	4.57	5.24	4.09	5.87	HS 81.80	147.2
4.300	3.02	6.60	2.69	7.36	HS 53.72	96.7
4.400	2.62	8.51	2.33	9.46	HS 46.54	83.8
4.500	2.66	11.38	2.36	12.64	HS 47.19	84.9
4.600	2.62	8.52	2.33	9.47	HS 46.51	83.7
4.700	3.02	6.61	2.68	7.36	HS 53.64	96.6
4.800	4.57	5.25	4.08	5.88	HS 81.62	146.9
4.900	11.32	3.82	10.19	4.31	HS 76.45	137.6
5.000	18.28	2.10	16.56	2.39	HS 41.89	75.4
5.000	18.28	2.10	16.56	2.39	HS 41.89	75.4
5.100	11.13	3.82	10.01	4.31	HS 76.48	137.7
5.200	4.56	5.25	4.08	5.88	HS 81.58	146.9
5.300	3.01	6.61	2.68	7.37	HS 53.61	96.5
5.400	2.62	8.52	2.32	9.48	HS 46.46	83.6
5.500	2.66	11.42	2.36	12.69	HS 47.13	84.8
5.600	2.62	8.52	2.32	9.47	HS 46.47	83.6
5.700	3.01	6.61	2.68	7.36	HS 53.63	96.5
5.800	4.57	5.25	4.08	5.88	HS 81.64	147.0
5.900	11.35	3.82	10.21	4.31	HS 76.40	137.5
6.000	18.38	2.09	16.65	2.38	HS 41.84	75.3
6.000	18.38	2.09	16.65	2.38	HS 41.84	75.3
6.100	11.16	3.82	10.04	4.31	HS 76.40	137.5
6.200	4.57	5.25	4.08	5.88	HS 81.64	147.0
6.300	3.01	6.61	2.68	7.36	HS 53.63	96.5
6.400	2.62	8.52	2.32	9.47	HS 46.47	83.6
6.500	2.66	11.42	2.36	12.69	HS 47.13	84.8
6.600	2.62	8.52	2.32	9.48	HS 46.46	83.6
6.700	3.01	6.61	2.68	7.37	HS 53.61	96.5
6.800	4.56	5.25	4.08	5.88	HS 81.59	146.9
6.900	11.32	3.82	10.18	4.31	HS 76.48	137.7
7.000	18.28	2.10	16.56	2.39	HS 41.89	75.4

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.28	2.10	16.56	2.39	HS 41.89	75.4
7.100	11.13	3.82	10.02	4.31	HS 76.45	137.6
7.200	4.57	5.25	4.08	5.88	HS 81.62	146.9
7.300	3.02	6.61	2.68	7.36	HS 53.64	96.6
7.400	2.62	8.52	2.33	9.47	HS 46.51	83.7
7.500	2.66	11.38	2.36	12.64	HS 47.19	84.9
7.600	2.62	8.51	2.33	9.46	HS 46.54	83.8
7.700	3.02	6.60	2.69	7.36	HS 53.72	96.7
7.800	4.57	5.24	4.09	5.87	HS 81.80	147.2
7.900	11.49	3.81	10.34	4.30	HS 76.26	137.3
8.000	18.63	2.09	16.88	2.38	HS 41.73	75.1
8.000	18.63	2.09	16.88	2.38	HS 41.73	75.1
8.100	11.24	3.82	10.11	4.30	HS 76.30	137.3
8.200	4.57	5.25	4.08	5.88	HS 81.64	147.0
8.300	3.01	6.61	2.68	7.37	HS 53.57	96.4
8.400	2.61	8.54	2.32	9.49	HS 46.36	83.4
8.500	2.65	11.62	2.35	12.90	HS 46.96	84.5
8.600	2.61	8.64	2.31	9.60	HS 46.25	83.2
8.700	3.00	6.71	2.67	7.48	HS 53.32	96.0
8.800	4.54	5.34	4.06	5.98	HS 81.12	146.0
8.900	11.12	3.88	10.00	4.36	HS 77.51	139.5
9.000	15.16	2.12	13.72	2.41	HS 42.40	76.3
9.000	15.16	2.12	13.72	2.41	HS 42.40	76.3
9.100	11.01	3.84	9.90	4.33	HS 76.82	138.3
9.200	4.56	5.25	4.08	5.88	HS 81.54	146.8
9.300	3.04	6.59	2.70	7.34	HS 54.05	97.3
9.400	2.66	8.47	2.36	9.43	HS 47.26	85.1
9.500	2.70	9.39	2.40	10.44	HS 48.00	86.4
9.600	2.68	6.88	2.38	7.66	HS 47.64	85.8
9.700	3.11	5.31	2.77	5.93	HS 55.39	99.7
9.800	4.75	4.20	4.26	4.71	HS 83.91	151.0
9.900	13.96	3.20	12.59	3.62	HS 64.04	115.3
10.000	18.75	1.91	17.04	2.19	HS 38.19	68.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	21.92	1.91	17.04	2.70	HS 38.19	68.7
10.100	14.28	4.30	12.78	4.88	HS 85.99	154.8
10.200	5.07	5.72	4.50	6.44	HS 90.00	162.0
10.300	3.10	6.89	2.74	7.71	HS 54.78	98.6
10.400	2.59	8.32	2.27	9.29	HS 45.44	81.8
10.500	2.40	10.20	2.10	11.36	HS 42.03	75.7
10.600	2.25	12.84	1.97	14.29	HS 39.31	70.8
10.700	2.27	17.01	1.99	18.93	HS 39.73	71.5
10.800	2.73	25.00	2.40	27.89	HS 48.02	86.4
10.900	4.61	48.28	4.07	54.06	HS 81.33	146.4
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	35.63	27.51	27.41	21.16
1.100	0.6	5.2	29.78	23.60	22.91	18.15
1.200	0.4	3.4	24.23	19.88	18.64	15.29
1.300	0.2	1.7	19.04	16.39	14.65	12.61
1.400	0.0	-0.1	14.31	13.14	11.01	10.11
1.500	-0.2	-1.8	-16.77	-15.50	-12.90	-11.92
1.600	-0.4	-3.6	-20.25	-18.55	-15.58	-14.27
1.700	-0.5	-5.3	-25.94	-21.53	-19.95	-16.56
1.800	-0.7	-7.0	-31.40	-24.42	-24.15	-18.78
1.900	-0.9	-8.7	-36.40	-27.15	-28.00	-20.89
2.000	-1.1	-10.4	-40.86	-29.69	-31.43	-22.84
2.000	0.8	-10.4	38.90	29.41	29.92	22.63
2.100	0.7	7.4	33.68	26.57	25.90	20.44
2.200	0.5	5.7	28.40	23.46	21.85	18.05
2.300	0.4	4.0	23.00	20.18	17.69	15.53
2.400	0.2	2.2	18.91	16.86	14.54	12.97
2.500	0.1	0.5	14.79	13.59	11.38	10.45
2.600	-0.1	-1.3	-18.64	-16.43	-14.34	-12.64
2.700	-0.2	-3.1	-22.82	-19.76	-17.55	-15.20
2.800	-0.4	-4.8	-28.19	-23.05	-21.69	-17.73
2.900	-0.6	-6.5	-33.45	-26.18	-25.73	-20.14
3.000	-0.7	-8.2	-38.37	-29.05	-29.52	-22.35
3.000	0.8	8.6	38.42	29.25	29.56	22.50
3.100	0.6	6.8	33.52	26.39	25.78	20.30
3.200	0.5	5.1	28.27	23.26	21.74	17.90
3.300	0.3	3.4	22.89	19.98	17.61	15.37
3.400	0.1	1.7	18.67	16.66	14.36	12.81
3.500	0.0	-0.1	14.60	-13.48	11.23	-10.37
3.600	-0.2	-1.9	-18.67	-16.74	-14.36	-12.88
3.700	-0.3	-3.6	-22.88	-20.07	-17.60	-15.44
3.800	-0.5	-5.3	-28.26	-23.35	-21.74	-17.96
3.900	-0.6	-7.1	-33.51	-26.48	-25.78	-20.37
4.000	-0.8	-8.8	-38.42	-29.34	-29.55	-22.57

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	38.42	29.33	29.56	22.56
4.100	0.6	7.0	33.51	26.47	25.78	20.36
4.200	0.5	5.3	28.26	23.34	21.74	17.95
4.300	0.3	3.5	22.89	20.06	17.61	15.43
4.400	0.2	1.8	18.67	16.73	14.36	12.87
4.500	0.0	0.1	14.61	13.47	11.23	10.36
4.600	-0.2	-1.8	-18.67	-16.71	-14.36	-12.85
4.700	-0.3	-3.5	-22.89	-20.03	-17.61	-15.41
4.800	-0.5	-5.2	-28.26	-23.31	-21.74	-17.93
4.900	-0.6	-6.9	-33.51	-26.44	-25.78	-20.34
5.000	-0.8	-8.6	-38.42	-29.30	-29.56	-22.54
5.000	0.8	8.6	38.42	29.31	29.56	22.55
5.100	0.6	6.9	33.51	26.45	25.78	20.35
5.200	0.5	5.2	28.26	23.33	21.74	17.94
5.300	0.3	3.5	22.89	20.05	17.61	15.42
5.400	0.2	1.8	18.67	16.72	14.36	12.86
5.500	0.0	0.1	14.61	-13.46	11.24	-10.36
5.600	-0.2	-1.8	-18.67	-16.73	-14.36	-12.87
5.700	-0.3	-3.5	-22.89	-20.05	-17.61	-15.43
5.800	-0.5	-5.2	-28.26	-23.34	-21.74	-17.95
5.900	-0.6	-7.0	-33.51	-26.46	-25.78	-20.36
6.000	-0.8	-8.7	-38.42	-29.32	-29.56	-22.56
6.000	0.8	8.7	38.42	29.32	29.56	22.56
6.100	0.6	7.0	33.51	26.46	25.78	20.36
6.200	0.5	5.2	28.26	23.34	21.74	17.95
6.300	0.3	3.5	22.89	20.05	17.61	15.43
6.400	0.2	1.8	18.67	16.73	14.36	12.87
6.500	0.0	0.1	14.61	13.46	11.24	10.36
6.600	-0.2	-1.8	-18.67	-16.72	-14.36	-12.86
6.700	-0.3	-3.5	-22.89	-20.05	-17.61	-15.42
6.800	-0.5	-5.2	-28.26	-23.33	-21.74	-17.94
6.900	-0.6	-6.9	-33.51	-26.45	-25.78	-20.35
7.000	-0.8	-8.6	-38.42	-29.31	-29.56	-22.55

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	38.42	29.30	29.56	22.54
7.100	0.6	6.9	33.51	26.44	25.78	20.34
7.200	0.5	5.2	28.26	23.31	21.74	17.93
7.300	0.3	3.5	22.89	20.03	17.61	15.41
7.400	0.2	1.8	18.67	16.71	14.36	12.85
7.500	0.0	0.1	14.61	-13.47	-11.24	-10.36
7.600	-0.2	-1.8	-18.67	-16.73	-14.36	-12.87
7.700	-0.3	-3.5	-22.89	-20.06	-17.61	-15.43
7.800	-0.5	-5.3	-28.26	-23.34	-21.74	-17.95
7.900	-0.6	-7.0	-33.51	-26.47	-25.78	-20.36
8.000	-0.8	-8.7	-38.42	-29.33	-29.56	-22.56
8.000	0.8	8.8	38.42	29.34	29.55	22.57
8.100	0.6	7.1	33.51	26.48	25.78	20.37
8.200	0.5	5.3	28.26	23.35	21.74	17.96
8.300	0.3	3.6	22.88	20.07	17.60	15.44
8.400	0.2	1.9	18.67	16.74	14.36	12.88
8.500	0.0	0.2	14.60	13.48	11.23	10.37
8.600	-0.1	-1.7	-18.67	-16.66	-14.36	-12.81
8.700	-0.3	-3.4	-22.89	-19.98	-17.61	-15.37
8.800	-0.5	-5.1	-28.27	-23.26	-21.74	-17.90
8.900	-0.6	-6.8	-33.52	-26.39	-25.78	-20.30
9.000	-0.8	-8.6	-38.42	-29.25	-29.56	-22.50
9.000	0.7	-8.6	38.37	29.05	29.52	22.35
9.100	0.6	6.5	33.45	26.18	25.73	20.14
9.200	0.4	4.8	28.19	23.05	21.69	17.73
9.300	0.2	3.1	22.82	19.76	17.55	15.20
9.400	0.1	1.3	18.64	16.43	14.34	12.64
9.500	-0.1	-0.4	-14.79	-13.59	-11.38	-10.45
9.600	-0.2	-2.2	-18.91	-16.86	-14.54	-12.97
9.700	-0.4	-4.0	-23.00	-20.18	-17.69	-15.53
9.800	-0.5	-5.7	-28.40	-23.46	-21.85	-18.05
9.900	-0.7	-7.4	-33.68	-26.57	-25.90	-20.44
10.000	-0.8	-9.1	-38.59	-29.41	-29.69	-22.63

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	40.86	29.69	31.43	22.84
10.100	0.9	8.7	36.40	27.15	28.00	20.89
10.200	0.7	7.0	31.40	24.42	24.15	18.78
10.300	0.5	5.3	25.94	21.53	19.95	16.56
10.400	0.4	3.6	20.25	18.55	15.58	14.27
10.500	0.2	1.9	16.77	15.50	12.90	11.92
10.600	0.0	0.1	-14.31	-13.14	-11.01	-10.11
10.700	-0.2	-1.7	-19.04	-16.39	-14.65	-12.61
10.800	-0.4	-3.4	-24.23	-19.88	-18.64	-15.29
10.900	-0.6	-5.2	-29.78	-23.60	-22.91	-18.15
11.000	-0.7	-6.9	-35.63	-27.51	-27.41	-21.16

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-140.0	124.8
1.100	172.1	-138.1	126.7
1.200	172.1	-136.2	128.6
1.300	172.1	-134.3	130.5
1.400	172.1	-132.4	132.4
1.500	172.1	-130.5	134.3
1.600	172.1	-128.4	136.3
1.700	172.1	-126.5	138.2
1.800	172.1	-124.6	140.1
1.900	172.1	-122.7	142.0
2.000	172.1	-120.8	143.9
2.000	151.3	-120.8	106.4
2.100	151.3	-124.4	108.3
2.200	151.3	-122.6	110.2
2.300	151.3	-120.7	112.0
2.400	151.3	-118.8	113.9
2.500	151.3	-116.9	115.8
2.600	151.3	-114.9	117.8
2.700	151.3	-113.1	119.7
2.800	151.3	-111.2	121.6
2.900	151.3	-109.3	123.4
3.000	151.3	-107.4	117.1
3.000	151.3	-107.4	107.1
3.100	151.3	-123.8	108.9
3.200	151.3	-121.9	110.8
3.300	151.3	-120.1	112.7
3.400	151.3	-118.2	114.6
3.500	151.3	-116.3	116.4
3.600	151.3	-114.3	118.4
3.700	151.3	-112.4	120.3
3.800	151.3	-110.5	122.2
3.900	151.3	-108.7	124.1
4.000	151.3	-106.8	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-106.8	106.9
4.100	151.3	-124.0	108.8
4.200	151.3	-122.1	110.6
4.300	151.3	-120.2	112.5
4.400	151.3	-118.3	114.4
4.500	151.3	-116.5	116.3
4.600	151.3	-114.5	118.3
4.700	151.3	-112.6	120.2
4.800	151.3	-110.7	122.0
4.900	151.3	-108.8	123.9
5.000	151.3	-107.0	117.1
5.000	151.3	-107.0	106.9
5.100	151.3	-123.9	108.8
5.200	151.3	-122.1	110.7
5.300	151.3	-120.2	112.6
5.400	151.3	-118.3	114.4
5.500	151.3	-116.4	116.3
5.600	151.3	-114.4	118.3
5.700	151.3	-112.5	120.2
5.800	151.3	-110.7	122.1
5.900	151.3	-108.8	124.0
6.000	151.3	-106.9	117.2
6.000	151.3	-106.9	106.9
6.100	151.3	-124.0	108.8
6.200	151.3	-122.1	110.7
6.300	151.3	-120.2	112.5
6.400	151.3	-118.3	114.4
6.500	151.3	-116.4	116.3
6.600	151.3	-114.4	118.3
6.700	151.3	-112.6	120.2
6.800	151.3	-110.7	122.1
6.900	151.3	-108.8	123.9
7.000	151.3	-106.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-106.9	107.0
7.100	151.3	-123.9	108.8
7.200	151.3	-122.0	110.7
7.300	151.3	-120.2	112.6
7.400	151.3	-118.3	114.5
7.500	151.3	-116.4	116.3
7.600	151.3	-114.4	118.3
7.700	151.3	-112.5	120.2
7.800	151.3	-110.6	122.1
7.900	151.3	-108.8	124.0
8.000	151.3	-106.9	117.2
8.000	151.3	-106.9	106.8
8.100	151.3	-124.1	108.7
8.200	151.3	-122.2	110.5
8.300	151.3	-120.3	112.4
8.400	151.3	-118.4	114.3
8.500	151.3	-116.6	116.2
8.600	151.3	-114.6	118.2
8.700	151.3	-112.7	120.1
8.800	151.3	-110.8	121.9
8.900	151.3	-108.9	123.8
9.000	151.3	-107.1	117.1
9.000	151.3	-107.1	107.4
9.100	151.3	-123.4	109.3
9.200	151.3	-121.6	111.2
9.300	151.3	-119.7	113.1
9.400	151.3	-117.8	114.9
9.500	151.3	-115.9	116.8
9.600	151.3	-113.9	118.8
9.700	151.3	-112.0	120.7
9.800	151.3	-110.2	122.6
9.900	151.3	-108.3	124.4
10.000	151.3	-106.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-106.4	120.8
10.100	172.1	-142.0	122.7
10.200	172.1	-140.1	124.6
10.300	172.1	-138.2	126.5
10.400	172.1	-136.3	128.4
10.500	172.1	-134.4	130.3
10.600	172.1	-132.4	132.4
10.700	172.1	-130.5	134.3
10.800	172.1	-128.6	136.2
10.900	172.1	-126.7	138.1
11.000	172.1	-124.8	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	52.48	3.50	HS 70.02	126.0
1.100	39.22	4.25	HS 85.06	153.1
1.200	20.84	5.31	HS 106.13	191.0
1.300	13.83	6.85	HS 137.01	246.6
1.400	10.37	9.25	HS 184.97	332.9
1.500	7.78	12.43	HS 155.63	280.1
1.600	6.34	18.15	HS 126.87	228.4
1.700	4.88	26.78	HS 97.58	175.6
1.800	3.97	44.51	HS 79.38	142.9
1.900	3.37	95.10	HS 67.44	121.4
2.000	2.96	201.34	HS 59.14	106.4
2.000	2.96	2.74	HS 54.71	98.5
2.100	37.33	3.22	HS 64.32	115.8
2.200	26.27	3.88	HS 77.58	139.6
2.300	16.80	4.87	HS 97.45	175.4
2.400	11.83	6.03	HS 120.51	216.9
2.500	8.03	7.83	HS 156.59	281.9
2.600	6.17	11.26	HS 123.33	222.0
2.700	4.95	15.76	HS 99.08	178.4
2.800	3.94	24.07	HS 78.87	142.0
2.900	3.27	29.32	HS 65.36	117.6
3.000	2.80	27.82	HS 56.00	100.8
3.000	2.80	2.79	HS 55.73	100.3
3.100	34.46	3.25	HS 65.01	117.0
3.200	24.51	3.92	HS 78.41	141.1
3.300	16.00	4.92	HS 98.45	177.2
3.400	11.40	6.14	HS 122.74	220.9
3.500	7.97	7.97	HS 159.29	286.7
3.600	6.12	11.52	HS 122.44	220.4
3.700	4.91	16.22	HS 98.25	176.9
3.800	3.91	25.02	HS 78.23	140.8
3.900	3.24	35.57	HS 64.86	116.7
4.000	2.78	34.06	HS 55.59	100.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	2.78	2.78	HS 55.59	100.1
4.100	34.90	3.24	HS 64.91	116.8
4.200	24.73	3.91	HS 78.29	140.9
4.300	16.10	4.92	HS 98.32	177.0
4.400	11.46	6.13	HS 122.53	220.5
4.500	7.97	7.96	HS 159.21	286.6
4.600	6.13	11.42	HS 122.61	220.7
4.700	4.92	16.03	HS 98.38	177.1
4.800	3.92	24.59	HS 78.34	141.0
4.900	3.25	34.65	HS 64.95	116.9
5.000	2.78	33.21	HS 55.68	100.2
5.000	2.78	2.78	HS 55.66	100.2
5.100	34.67	3.25	HS 64.94	116.9
5.200	24.61	3.92	HS 78.33	141.0
5.300	16.05	4.92	HS 98.36	177.0
5.400	11.43	6.13	HS 122.58	220.6
5.500	7.97	7.96	HS 159.28	286.7
5.600	6.13	11.44	HS 122.55	220.6
5.700	4.92	16.07	HS 98.34	177.0
5.800	3.91	24.66	HS 78.31	141.0
5.900	3.25	34.76	HS 64.92	116.9
6.000	2.78	33.31	HS 55.65	100.2
6.000	2.78	2.78	HS 55.65	100.2
6.100	34.76	3.25	HS 64.92	116.9
6.200	24.66	3.91	HS 78.31	141.0
6.300	16.07	4.92	HS 98.34	177.0
6.400	11.44	6.13	HS 122.55	220.6
6.500	7.97	7.96	HS 159.25	286.6
6.600	6.13	11.43	HS 122.58	220.6
6.700	4.92	16.05	HS 98.36	177.0
6.800	3.92	24.61	HS 78.33	141.0
6.900	3.25	34.67	HS 64.94	116.9
7.000	2.78	33.23	HS 55.66	100.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	2.78	2.78	HS 55.66	100.2
7.100	34.65	3.25	HS 64.95	116.9
7.200	24.59	3.92	HS 78.34	141.0
7.300	16.03	4.92	HS 98.38	177.1
7.400	11.42	6.13	HS 122.61	220.7
7.500	7.97	7.97	HS 159.32	286.8
7.600	6.13	11.46	HS 122.53	220.5
7.700	4.92	16.10	HS 98.31	177.0
7.800	3.91	24.73	HS 78.29	140.9
7.900	3.24	34.90	HS 64.91	116.8
8.000	2.78	33.44	HS 55.64	100.1
8.000	2.78	2.78	HS 55.59	100.1
8.100	35.57	3.24	HS 64.86	116.7
8.200	25.02	3.91	HS 78.23	140.8
8.300	16.22	4.91	HS 98.25	176.9
8.400	11.52	6.12	HS 122.44	220.4
8.500	7.98	7.96	HS 159.11	286.4
8.600	6.14	11.40	HS 122.74	220.9
8.700	4.92	16.00	HS 98.45	177.2
8.800	3.92	24.51	HS 78.41	141.1
8.900	3.25	34.46	HS 65.01	117.0
9.000	2.79	33.05	HS 55.73	100.3
9.000	2.79	2.80	HS 55.73	100.3
9.100	30.47	3.27	HS 65.36	117.6
9.200	24.07	3.94	HS 78.87	142.0
9.300	15.76	4.95	HS 99.08	178.4
9.400	11.26	6.17	HS 123.33	222.0
9.500	7.84	8.02	HS 156.76	282.2
9.600	6.03	11.83	HS 120.51	216.9
9.700	4.87	16.80	HS 97.45	175.4
9.800	3.88	26.27	HS 77.58	139.6
9.900	3.22	35.78	HS 64.32	115.8
10.000	2.76	33.69	HS 55.15	99.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	2.76	2.96	HS 55.15	99.3
10.100	95.10	3.37	HS 67.44	121.4
10.200	44.50	3.97	HS 79.38	142.9
10.300	26.78	4.88	HS 97.58	175.6
10.400	18.15	6.34	HS 126.87	228.4
10.500	12.45	7.77	HS 155.48	279.9
10.600	9.25	10.37	HS 184.97	332.9
10.700	6.85	13.83	HS 137.01	246.6
10.800	5.31	20.84	HS 106.13	191.0
10.900	4.25	39.22	HS 85.06	153.1
11.000	3.50	50.62	HS 70.02	126.0

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
1.200	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
1.300	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.400	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
1.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.600	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
1.700	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
1.800	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
1.900	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
2.000	332.2	332.2	-332.2	-332.2	381.3	381.3	-283.1	-283.1
2.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
2.100	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
2.200	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
2.300	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
2.400	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
2.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
2.600	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
2.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
2.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
2.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9

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  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0


  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0
  3.100     279.4     279.4    -279.4    -279.4     294.9     294.9    -263.9    -2
63.9
  3.200     279.4     279.4    -279.4    -279.4     278.7     278.7    -280.1    -2
80.1
  3.300     279.4     279.4    -279.4    -279.4     267.1     267.1    -291.7    -2
91.7
  3.400     279.4     279.4    -279.4    -279.4     260.3     260.3    -298.5    -2
98.5
  3.500     279.4     279.4    -279.4    -279.4     258.1     258.1    -300.7    -3
00.7
  3.600     279.4     279.4    -279.4    -279.4     261.0     261.0    -297.8    -2
97.8
  3.700     279.4     279.4    -279.4    -279.4     268.5     268.5    -290.3    -2
90.3
  3.800     279.4     279.4    -279.4    -279.4     280.7     280.7    -278.1    -2
78.1
  3.900     279.4     279.4    -279.4    -279.4     297.6     297.6    -261.2    -2
61.2
  4.000     279.4     279.4    -279.4    -279.4     319.3     319.3    -239.5    -2
39.5
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SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
4.100	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
4.200	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
4.300	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
4.400	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
4.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
4.600	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
4.700	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
4.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
4.900	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.100	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
5.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
5.300	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
5.400	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
5.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
5.600	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
5.700	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
5.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
5.900	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5

6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.100	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5
6.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
6.300	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
6.400	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
6.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
6.600	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
6.700	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
6.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
6.900	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
7.100	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
7.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
7.300	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
7.400	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
7.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
7.600	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
7.700	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
7.800	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
7.900	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.100	279.4	279.4	-279.4	-279.4	297.6	297.6	-261.2	-261.2
8.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
8.300	279.4	279.4	-279.4	-279.4	268.5	268.5	-290.3	-290.3
8.400	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
8.500	279.4	279.4	-279.4	-279.4	258.1	258.1	-300.7	-300.7
8.600	279.4	279.4	-279.4	-279.4	260.3	260.3	-298.5	-298.5
8.700	279.4	279.4	-279.4	-279.4	267.1	267.1	-291.7	-291.7
8.800	279.4	279.4	-279.4	-279.4	278.7	278.7	-280.1	-280.1
8.900	279.4	279.4	-279.4	-279.4	294.9	294.9	-263.9	-263.9

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0
9.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
9.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
9.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
9.400	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
9.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
9.600	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
9.700	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
9.800	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
9.900	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
10.100	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
10.200	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
10.300	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
10.400	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
10.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.600	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
10.700	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.800	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
10.900	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	HS 999.00	999.0
1.100	4.24	50.12	4.24	50.12	HS 84.76	152.6
1.200	2.51	25.91	2.51	25.91	HS 50.13	90.2
1.300	2.08	17.62	2.08	17.62	HS 41.52	74.7
1.400	2.06	13.30	2.06	13.30	HS 41.10	74.0
1.500	2.20	10.57	2.20	10.57	HS 43.93	79.1
1.600	2.37	8.63	2.37	8.63	HS 47.43	85.4
1.700	2.85	7.15	2.85	7.15	HS 57.09	102.8
1.800	4.68	5.95	4.68	5.95	HS 93.59	168.5
1.900	13.50	4.49	13.50	4.49	HS 89.69	161.5
2.000	20.44	2.45	20.44	2.45	HS 48.94	88.1
2.000	17.61	1.99	17.61	1.99	HS 39.81	71.7
2.100	12.79	3.34	12.79	3.34	HS 66.88	120.4
2.200	4.43	4.37	4.43	4.37	HS 87.38	157.3
2.300	2.88	5.52	2.88	5.52	HS 57.65	103.8
2.400	2.48	7.15	2.48	7.15	HS 49.64	89.4
2.500	2.50	9.74	2.50	9.74	HS 50.05	90.1
2.600	2.46	8.79	2.46	8.79	HS 49.27	88.7
2.700	2.82	6.84	2.82	6.84	HS 56.30	101.3
2.800	4.24	5.47	4.24	5.47	HS 84.79	152.6
2.900	10.44	4.01	10.44	4.01	HS 80.09	144.2
3.000	14.20	2.22	14.20	2.22	HS 44.36	79.8
3.000	14.20	2.22	14.20	2.22	HS 44.36	79.8
3.100	10.21	4.04	10.21	4.04	HS 80.80	145.4
3.200	4.22	5.56	4.22	5.56	HS 84.37	151.9
3.300	2.78	6.97	2.78	6.97	HS 55.55	100.0
3.400	2.41	8.97	2.41	8.97	HS 48.24	86.8
3.500	2.45	12.05	2.45	12.05	HS 49.00	88.2
3.600	2.42	8.86	2.42	8.86	HS 48.35	87.0
3.700	2.79	6.87	2.79	6.87	HS 55.80	100.4
3.800	4.24	5.46	4.24	5.46	HS 84.89	152.8
3.900	10.67	3.98	10.67	3.98	HS 79.58	143.2
4.000	17.47	2.18	17.47	2.18	HS 43.69	78.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	17.47	2.18	17.47	2.18	HS 43.69	78.6
4.100	10.55	3.98	10.55	3.98	HS 79.53	143.2
4.200	4.25	5.45	4.25	5.45	HS 85.05	153.1
4.300	2.80	6.85	2.80	6.85	HS 55.96	100.7
4.400	2.43	8.83	2.43	8.83	HS 48.53	87.4
4.500	2.46	11.80	2.46	11.80	HS 49.23	88.6
4.600	2.42	8.84	2.42	8.84	HS 48.50	87.3
4.700	2.79	6.86	2.79	6.86	HS 55.88	100.6
4.800	4.24	5.46	4.24	5.46	HS 84.87	152.8
4.900	10.57	3.99	10.57	3.99	HS 79.73	143.5
5.000	17.14	2.19	17.14	2.19	HS 43.85	78.9
5.000	17.14	2.19	17.14	2.19	HS 43.85	78.9
5.100	10.39	3.99	10.39	3.99	HS 79.75	143.5
5.200	4.24	5.47	4.24	5.47	HS 84.83	152.7
5.300	2.79	6.86	2.79	6.86	HS 55.84	100.5
5.400	2.42	8.84	2.42	8.84	HS 48.45	87.2
5.500	2.46	11.85	2.46	11.85	HS 49.17	88.5
5.600	2.42	8.84	2.42	8.84	HS 48.46	87.2
5.700	2.79	6.86	2.79	6.86	HS 55.86	100.6
5.800	4.24	5.46	4.24	5.46	HS 84.89	152.8
5.900	10.59	3.98	10.59	3.98	HS 79.67	143.4
6.000	17.23	2.19	17.23	2.19	HS 43.80	78.8
6.000	17.23	2.19	17.23	2.19	HS 43.80	78.8
6.100	10.42	3.98	10.42	3.98	HS 79.67	143.4
6.200	4.24	5.46	4.24	5.46	HS 84.89	152.8
6.300	2.79	6.86	2.79	6.86	HS 55.86	100.6
6.400	2.42	8.84	2.42	8.84	HS 48.46	87.2
6.500	2.46	11.85	2.46	11.85	HS 49.17	88.5
6.600	2.42	8.84	2.42	8.84	HS 48.45	87.2
6.700	2.79	6.86	2.79	6.86	HS 55.84	100.5
6.800	4.24	5.47	4.24	5.47	HS 84.83	152.7
6.900	10.56	3.99	10.56	3.99	HS 79.75	143.6
7.000	17.14	2.19	17.14	2.19	HS 43.85	78.9

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value		Load Capacity (tons)
7.000	17.14	2.19	17.14	2.19	HS	43.85	78.9
7.100	10.39	3.99	10.39	3.99	HS	79.73	143.5
7.200	4.24	5.46	4.24	5.46	HS	84.87	152.8
7.300	2.79	6.86	2.79	6.86	HS	55.88	100.6
7.400	2.42	8.84	2.42	8.84	HS	48.50	87.3
7.500	2.46	11.80	2.46	11.80	HS	49.23	88.6
7.600	2.43	8.83	2.43	8.83	HS	48.53	87.4
7.700	2.80	6.85	2.80	6.85	HS	55.96	100.7
7.800	4.25	5.45	4.25	5.45	HS	85.05	153.1
7.900	10.73	3.98	10.73	3.98	HS	79.53	143.2
8.000	17.47	2.18	17.47	2.18	HS	43.69	78.6
8.000	17.47	2.18	17.47	2.18	HS	43.69	78.6
8.100	10.49	3.98	10.49	3.98	HS	79.58	143.2
8.200	4.24	5.46	4.24	5.46	HS	84.89	152.8
8.300	2.79	6.87	2.79	6.87	HS	55.80	100.4
8.400	2.42	8.86	2.42	8.86	HS	48.35	87.0
8.500	2.45	12.05	2.45	12.05	HS	49.00	88.2
8.600	2.41	8.97	2.41	8.97	HS	48.24	86.8
8.700	2.78	6.97	2.78	6.97	HS	55.55	100.0
8.800	4.22	5.56	4.22	5.56	HS	84.37	151.9
8.900	10.38	4.04	10.38	4.04	HS	80.80	145.4
9.000	14.20	2.22	14.20	2.22	HS	44.36	79.8
9.000	14.20	2.22	14.20	2.22	HS	44.36	79.8
9.100	10.27	4.01	10.27	4.01	HS	80.09	144.2
9.200	4.24	5.47	4.24	5.47	HS	84.79	152.6
9.300	2.82	6.84	2.82	6.84	HS	56.29	101.3
9.400	2.46	8.79	2.46	8.79	HS	49.27	88.7
9.500	2.50	9.74	2.50	9.74	HS	50.05	90.1
9.600	2.48	7.15	2.48	7.15	HS	49.64	89.4
9.700	2.88	5.52	2.88	5.52	HS	57.65	103.8
9.800	4.43	4.37	4.43	4.37	HS	87.38	157.3
9.900	13.05	3.34	13.05	3.34	HS	66.88	120.4
10.000	17.61	2.00	17.61	2.00	HS	40.06	72.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: HS20

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	17.61	2.00	17.61	2.00	HS 40.06	72.1
10.100	13.26	4.49	13.26	4.49	HS 89.69	161.4
10.200	4.68	5.95	4.68	5.95	HS 93.59	168.5
10.300	2.85	7.15	2.85	7.15	HS 57.09	102.8
10.400	2.37	8.63	2.37	8.63	HS 47.43	85.4
10.500	2.20	10.57	2.20	10.57	HS 43.93	79.1
10.600	2.06	13.30	2.06	13.30	HS 41.10	74.0
10.700	2.08	17.62	2.08	17.62	HS 41.52	74.7
10.800	2.51	25.91	2.51	25.91	HS 50.13	90.2
10.900	4.24	50.12	4.24	50.12	HS 84.76	152.6
11.000	999.00	999.00	999.00	999.00	HS 999.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	44.64	R	0.00	34.34	0.00
1.200	2.8	25.8	74.91	R	0.00	57.62	0.00
1.300	3.5	32.2	91.71	R	0.00	70.54	0.00
1.400	3.7	34.4	96.32	R	0.00	74.09	0.00
1.500	3.5	32.2	92.20	L	0.00	70.92	0.00
1.600	2.8	25.4	86.60	L	0.00	66.61	0.00
1.700	1.7	14.4	70.45	L	0.00	54.19	0.00
1.800	0.1	-1.0	45.75	L	0.00	35.19	0.00
1.900	-2.0	-20.7	-40.83	R	0.00	-31.41	0.00
2.000	-4.5	-44.7	-49.96	L	0.00	-38.43	0.00
2.000	-4.5	-44.7	-49.96	L	0.00	-38.43	0.00
2.100	-2.6	-24.0	-43.62	L	0.00	-33.56	0.00
2.200	-1.0	-7.7	42.08	R	0.00	32.37	0.00
2.300	0.1	4.3	62.30	R	0.00	47.93	0.00
2.400	0.8	12.0	73.40	R	0.00	56.46	0.00
2.500	1.2	15.5	74.76	R	0.00	57.51	0.00
2.600	1.1	14.3	73.61	L	0.00	56.63	0.00
2.700	0.7	8.8	62.78	L	0.00	48.29	0.00
2.800	-0.1	-1.0	42.73	L	0.00	32.87	0.00
2.900	-1.3	-15.1	-38.85	R	0.00	-29.89	0.00
3.000	-2.9	-33.5	-44.52	R	0.00	-34.25	0.00
3.000	-2.9	-33.5	-44.52	R	0.00	-34.25	0.00
3.100	-1.2	-14.3	-38.64	L	0.00	-29.72	0.00
3.200	0.1	0.6	42.67	R	0.00	32.83	0.00
3.300	1.0	11.2	62.83	R	0.00	48.33	0.00
3.400	1.6	17.5	73.79	R	0.00	56.76	0.00
3.500	1.7	19.5	75.01	R	0.00	57.70	0.00
3.600	1.5	16.9	73.80	L	0.00	56.77	0.00
3.700	0.9	10.0	62.86	L	0.00	48.35	0.00
3.800	-0.1	-1.2	42.72	L	0.00	32.86	0.00
3.900	-1.5	-16.7	-38.82	R	0.00	-29.86	0.00
4.000	-3.3	-36.5	-44.46	R	0.00	-34.20	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-36.5	-44.46	R	0.00	-34.20	0.00
4.100	-1.6	-16.9	-38.81	L	0.00	-29.85	0.00
4.200	-0.2	-1.6	42.72	R	0.00	32.86	0.00
4.300	0.8	9.4	62.86	R	0.00	48.36	0.00
4.400	1.4	16.1	73.82	R	0.00	56.78	0.00
4.500	1.6	18.5	75.03	R	0.00	57.71	0.00
4.600	1.4	16.2	73.82	L	0.00	56.78	0.00
4.700	0.8	9.7	62.87	L	0.00	48.36	0.00
4.800	-0.1	-1.1	42.72	L	0.00	32.86	0.00
4.900	-1.5	-16.3	-38.82	R	0.00	-29.86	0.00
5.000	-3.2	-35.7	-44.46	R	0.00	-34.20	0.00
5.000	-3.2	-35.7	-44.46	R	0.00	-34.20	0.00
5.100	-1.5	-16.2	-38.82	L	0.00	-29.86	0.00
5.200	-0.1	-1.0	42.72	R	0.00	32.86	0.00
5.300	0.9	9.9	62.87	R	0.00	48.36	0.00
5.400	1.4	16.4	73.82	R	0.00	56.78	0.00
5.500	1.6	18.7	75.03	L	0.00	57.71	0.00
5.600	1.4	16.4	73.82	L	0.00	56.78	0.00
5.700	0.8	9.7	62.87	L	0.00	48.36	0.00
5.800	-0.1	-1.2	42.72	L	0.00	32.86	0.00
5.900	-1.5	-16.4	-38.82	R	0.00	-29.86	0.00
6.000	-3.3	-36.0	-44.46	L	0.00	-34.20	0.00
6.000	-3.3	-36.0	-44.46	L	0.00	-34.20	0.00
6.100	-1.5	-16.4	-38.82	L	0.00	-29.86	0.00
6.200	-0.1	-1.2	42.72	R	0.00	32.86	0.00
6.300	0.8	9.7	62.87	R	0.00	48.36	0.00
6.400	1.4	16.4	73.82	R	0.00	56.78	0.00
6.500	1.6	18.7	75.03	L	0.00	57.71	0.00
6.600	1.4	16.4	73.82	L	0.00	56.78	0.00
6.700	0.9	9.9	62.87	L	0.00	48.36	0.00
6.800	-0.1	-1.0	42.72	L	0.00	32.86	0.00
6.900	-1.5	-16.2	-38.82	R	0.00	-29.86	0.00
7.000	-3.2	-35.7	-44.46	L	0.00	-34.20	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-35.7	-44.46	L	0.00	-34.20	0.00
7.100	-1.5	-16.3	-38.82	L	0.00	-29.86	0.00
7.200	-0.1	-1.1	42.72	R	0.00	32.86	0.00
7.300	0.8	9.7	62.87	R	0.00	48.36	0.00
7.400	1.4	16.2	73.82	R	0.00	56.78	0.00
7.500	1.6	18.5	75.03	L	0.00	57.71	0.00
7.600	1.4	16.1	73.82	L	0.00	56.78	0.00
7.700	0.8	9.4	62.86	L	0.00	48.36	0.00
7.800	-0.2	-1.6	42.72	L	0.00	32.86	0.00
7.900	-1.6	-16.9	-38.81	R	0.00	-29.85	0.00
8.000	-3.3	-36.5	-44.46	L	0.00	-34.20	0.00
8.000	-3.3	-36.5	-44.46	L	0.00	-34.20	0.00
8.100	-1.5	-16.7	-38.82	L	0.00	-29.86	0.00
8.200	-0.1	-1.2	42.72	R	0.00	32.86	0.00
8.300	0.9	10.0	62.86	R	0.00	48.35	0.00
8.400	1.5	16.9	73.80	R	0.00	56.77	0.00
8.500	1.7	19.5	75.01	L	0.00	57.70	0.00
8.600	1.6	17.5	73.79	L	0.00	56.76	0.00
8.700	1.0	11.2	62.83	L	0.00	48.33	0.00
8.800	0.1	0.6	42.67	L	0.00	32.83	0.00
8.900	-1.2	-14.3	-38.64	R	0.00	-29.72	0.00
9.000	-2.9	-33.5	-44.52	L	0.00	-34.25	0.00
9.000	-2.9	-33.5	-44.52	L	0.00	-34.25	0.00
9.100	-1.3	-15.1	-38.85	L	0.00	-29.89	0.00
9.200	-0.1	-1.0	42.73	R	0.00	32.87	0.00
9.300	0.7	8.8	62.78	R	0.00	48.29	0.00
9.400	1.1	14.3	73.61	R	0.00	56.63	0.00
9.500	1.2	15.5	74.76	L	0.00	57.51	0.00
9.600	0.8	12.0	73.40	L	0.00	56.46	0.00
9.700	0.1	4.3	62.30	L	0.00	47.93	0.00
9.800	-1.0	-7.7	42.08	L	0.00	32.37	0.00
9.900	-2.6	-24.0	-43.62	R	0.00	-33.56	0.00
10.000	-4.5	-44.7	-49.96	R	0.00	-38.43	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
10.000	-4.5	-44.7	-49.96	R	0.00	-38.43	0.00
10.100	-2.0	-20.7	-40.83	L	0.00	-31.41	0.00
10.200	0.1	-1.0	45.75	R	0.00	35.19	0.00
10.300	1.7	14.4	70.45	R	0.00	54.19	0.00
10.400	2.8	25.4	86.60	R	0.00	66.61	0.00
10.500	3.5	32.2	92.20	R	0.00	70.92	0.00
10.600	3.7	34.4	96.32	L	0.00	74.09	0.00
10.700	3.5	32.2	91.71	L	0.00	70.54	0.00
10.800	2.8	25.8	74.91	L	0.00	57.62	0.00
10.900	1.6	15.0	44.64	L	0.00	34.34	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending Top	Positive Bending Bott.	Negative Bending Top	Negative Bending Bott.	Available Capacity for LL+I Positive Bending Top	Positive Bending Bott.	Negative Bending Top	Negative Bending Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
1.200	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
1.300	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.400	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
1.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.600	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
1.700	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
1.800	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
1.900	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
2.000	359.7C	319.4	-319.4	-359.7C	408.8	368.6	-270.3	-310.6
2.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5
2.100	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
2.200	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
2.300	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
2.400	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
2.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
2.600	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
2.700	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
2.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
2.900	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2

3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.100	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1
3.200	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
3.400	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
3.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
3.600	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
3.700	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
3.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
3.900	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
4.100	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
4.200	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
4.300	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
4.400	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
4.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
4.600	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
4.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
4.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
4.900	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.100	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
5.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
5.300	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
5.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
5.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
5.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
5.900	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4
6.100	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7
6.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
6.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
6.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
6.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.700	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
6.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
6.900	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
7.100	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
7.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
7.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
7.400	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
7.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
7.600	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
7.700	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
7.800	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
7.900	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.100	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
8.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
8.300	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
8.400	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
8.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
8.600	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
8.700	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
8.800	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
9.100	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2
9.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
9.300	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
9.400	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
9.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
9.600	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
9.700	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
9.800	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
9.900	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
10.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	408.8	317.8	-219.5	-310.6
10.100	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
10.200	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
10.300	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
10.400	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
10.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.600	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
10.700	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.800	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
10.900	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	7.68	74.08	6.78	82.96	0.00	101.7
1.200	4.42	38.35	3.88	42.79	0.00	58.2
1.300	3.53	26.09	3.09	29.05	0.00	46.4
1.400	3.34	19.70	2.92	21.92	0.00	43.8
1.500	3.51	15.66	3.08	17.43	0.00	46.2
1.600	3.83	12.77	3.36	14.25	0.00	50.4
1.700	4.88	10.56	4.31	11.83	0.00	64.6
1.800	7.88	8.78	7.00	9.89	0.00	105.0
1.900	25.70	7.27	22.99	8.26	0.00	109.0
2.000	33.63	5.41	30.32	6.22	0.00	81.2
2.000	28.77	4.39	26.14	5.03	0.00	65.9
2.100	22.71	5.55	20.49	6.28	0.00	83.2
2.200	7.35	6.97	6.59	7.83	0.00	98.9
2.300	4.76	8.82	4.24	9.85	0.00	63.6
2.400	3.92	11.43	3.48	12.73	0.00	52.3
2.500	3.80	15.60	3.37	17.35	0.00	50.6
2.600	3.88	13.00	3.44	14.46	0.00	51.6
2.700	4.64	10.11	4.13	11.27	0.00	61.9
2.800	7.06	8.06	6.31	9.02	0.00	94.7
2.900	21.03	6.49	18.91	7.31	0.00	97.4
3.000	25.18	5.22	22.79	5.93	0.00	78.2
3.000	25.18	5.22	22.79	5.93	0.00	78.2
3.100	21.13	6.55	18.99	7.38	0.00	98.3
3.200	7.03	8.16	6.28	9.12	0.00	94.2
3.300	4.59	10.25	4.08	11.41	0.00	61.2
3.400	3.82	13.20	3.38	14.66	0.00	50.7
3.500	3.72	17.83	3.30	19.79	0.00	49.5
3.600	3.82	13.11	3.39	14.57	0.00	50.9
3.700	4.61	10.15	4.10	11.31	0.00	61.5
3.800	7.07	8.06	6.32	9.02	0.00	94.8
3.900	21.24	6.45	19.11	7.27	0.00	96.8
4.000	28.58	5.15	25.90	5.87	0.00	77.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	28.58	5.15	25.90	5.87	0.00	77.2
4.100	21.27	6.45	19.14	7.27	0.00	96.7
4.200	7.08	8.04	6.33	9.01	0.00	95.0
4.300	4.62	10.12	4.11	11.29	0.00	61.7
4.400	3.84	13.06	3.40	14.52	0.00	51.0
4.500	3.74	17.74	3.31	19.71	0.00	49.7
4.600	3.83	13.07	3.40	14.53	0.00	51.0
4.700	4.61	10.14	4.11	11.30	0.00	61.6
4.800	7.07	8.06	6.32	9.02	0.00	94.8
4.900	21.21	6.46	19.08	7.29	0.00	97.0
5.000	28.51	5.17	25.82	5.89	0.00	77.5
5.000	28.51	5.17	25.82	5.89	0.00	77.5
5.100	21.21	6.47	19.08	7.29	0.00	97.0
5.200	7.06	8.06	6.32	9.03	0.00	94.7
5.300	4.61	10.14	4.10	11.30	0.00	61.5
5.400	3.83	13.08	3.40	14.54	0.00	51.0
5.500	3.74	17.76	3.31	19.73	0.00	49.6
5.600	3.83	13.07	3.40	14.53	0.00	51.0
5.700	4.61	10.14	4.11	11.30	0.00	61.6
5.800	7.07	8.06	6.32	9.02	0.00	94.8
5.900	21.23	6.46	19.09	7.28	0.00	96.9
6.000	28.53	5.16	25.85	5.88	0.00	77.4
6.000	28.53	5.16	25.85	5.88	0.00	77.4
6.100	21.23	6.46	19.09	7.28	0.00	96.9
6.200	7.07	8.06	6.32	9.02	0.00	94.8
6.300	4.61	10.14	4.11	11.30	0.00	61.6
6.400	3.83	13.07	3.40	14.53	0.00	51.0
6.500	3.74	17.76	3.31	19.73	0.00	49.6
6.600	3.83	13.08	3.40	14.54	0.00	51.0
6.700	4.61	10.14	4.10	11.30	0.00	61.5
6.800	7.06	8.06	6.32	9.03	0.00	94.7
6.900	21.21	6.47	19.08	7.29	0.00	97.0
7.000	28.51	5.17	25.82	5.89	0.00	77.5

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	28.51	5.17	25.82	5.89	0.00	77.5
7.100	21.21	6.46	19.08	7.29	0.00	96.9
7.200	7.07	8.06	6.32	9.02	0.00	94.8
7.300	4.61	10.14	4.11	11.30	0.00	61.6
7.400	3.83	13.07	3.40	14.53	0.00	51.0
7.500	3.74	17.74	3.31	19.71	0.00	49.7
7.600	3.84	13.06	3.40	14.52	0.00	51.0
7.700	4.62	10.12	4.11	11.29	0.00	61.7
7.800	7.08	8.04	6.33	9.01	0.00	95.0
7.900	21.27	6.45	19.14	7.27	0.00	96.7
8.000	28.58	5.15	25.90	5.87	0.00	77.2
8.000	28.58	5.15	25.90	5.87	0.00	77.2
8.100	21.24	6.45	19.11	7.27	0.00	96.8
8.200	7.07	8.06	6.32	9.02	0.00	94.8
8.300	4.61	10.15	4.10	11.31	0.00	61.5
8.400	3.82	13.11	3.39	14.57	0.00	50.9
8.500	3.72	17.83	3.30	19.79	0.00	49.5
8.600	3.82	13.20	3.38	14.66	0.00	50.7
8.700	4.59	10.25	4.08	11.41	0.00	61.2
8.800	7.03	8.16	6.28	9.12	0.00	94.2
8.900	21.13	6.55	18.99	7.38	0.00	98.3
9.000	25.18	5.22	22.79	5.93	0.00	78.2
9.000	25.18	5.22	22.79	5.93	0.00	78.2
9.100	21.03	6.49	18.91	7.31	0.00	97.4
9.200	7.06	8.06	6.31	9.02	0.00	94.7
9.300	4.64	10.11	4.13	11.27	0.00	61.9
9.400	3.88	13.00	3.44	14.46	0.00	51.6
9.500	3.80	15.60	3.37	17.35	0.00	50.6
9.600	3.92	11.43	3.48	12.73	0.00	52.3
9.700	4.76	8.82	4.24	9.85	0.00	63.6
9.800	7.35	6.97	6.59	7.83	0.00	98.9
9.900	22.71	5.55	20.49	6.28	0.00	83.2
10.000	28.77	4.39	26.14	5.03	0.00	65.9

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	33.63	4.39	26.14	6.22	0.00	65.9
10.100	25.70	7.27	22.99	8.26	0.00	109.0
10.200	7.88	8.78	7.00	9.89	0.00	105.0
10.300	4.88	10.56	4.31	11.83	0.00	64.6
10.400	3.83	12.77	3.36	14.25	0.00	50.4
10.500	3.51	15.66	3.08	17.43	0.00	46.2
10.600	3.34	19.70	2.92	21.92	0.00	43.8
10.700	3.53	26.09	3.09	29.05	0.00	46.4
10.800	4.42	38.35	3.88	42.79	0.00	58.2
10.900	7.68	74.08	6.78	82.96	0.00	101.7
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	20.82	0.00	16.01	0.00
1.100	0.6	5.2	17.86	0.00	13.74	0.00
1.200	0.4	3.4	14.98	0.00	11.52	0.00
1.300	0.2	1.7	12.23	0.00	9.41	0.00
1.400	0.0	-0.1	9.63	0.00	7.41	0.00
1.500	-0.2	-1.8	-10.81	0.00	-8.32	0.00
1.600	-0.4	-3.6	-13.52	0.00	-10.40	0.00
1.700	-0.5	-5.3	-16.05	0.00	-12.35	0.00
1.800	-0.7	-7.0	-18.38	0.00	-14.14	0.00
1.900	-0.9	-8.7	-20.47	0.00	-15.74	0.00
2.000	-1.1	-10.4	-22.27	0.00	-17.13	0.00
2.000	0.8	-10.4	21.85	0.00	16.81	0.00
2.100	0.7	7.4	19.49	0.00	14.99	0.00
2.200	0.5	5.7	17.02	0.00	13.09	0.00
2.300	0.4	4.0	14.36	0.00	11.04	0.00
2.400	0.2	2.2	11.62	0.00	8.94	0.00
2.500	0.1	0.5	8.91	0.00	6.86	0.00
2.600	-0.1	-1.3	-11.53	0.00	-8.87	0.00
2.700	-0.2	-3.1	-14.27	0.00	-10.98	0.00
2.800	-0.4	-4.8	-16.94	0.00	-13.03	0.00
2.900	-0.6	-6.5	-19.43	0.00	-14.95	0.00
3.000	-0.7	-8.2	-21.63	0.00	-16.64	0.00
3.000	0.8	8.6	21.64	0.00	16.65	0.00
3.100	0.6	6.8	19.45	0.00	14.97	0.00
3.200	0.5	5.1	16.97	0.00	13.06	0.00
3.300	0.3	3.4	14.31	0.00	11.01	0.00
3.400	0.1	1.7	11.58	0.00	8.91	0.00
3.500	0.0	-0.1	8.88	0.00	6.83	0.00
3.600	-0.2	-1.9	-11.57	0.00	-8.90	0.00
3.700	-0.3	-3.6	-14.31	0.00	-11.01	0.00
3.800	-0.5	-5.3	-16.97	0.00	-13.05	0.00
3.900	-0.6	-7.1	-19.45	0.00	-14.96	0.00
4.000	-0.8	-8.8	-21.64	0.00	-16.65	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	21.64	0.00	16.65	0.00
4.100	0.6	7.0	19.45	0.00	14.96	0.00
4.200	0.5	5.3	16.97	0.00	13.06	0.00
4.300	0.3	3.5	14.31	0.00	11.01	0.00
4.400	0.2	1.8	11.58	0.00	8.90	0.00
4.500	0.0	0.1	8.88	0.00	6.83	0.00
4.600	-0.2	-1.8	-11.57	0.00	-8.90	0.00
4.700	-0.3	-3.5	-14.31	0.00	-11.01	0.00
4.800	-0.5	-5.2	-16.97	0.00	-13.06	0.00
4.900	-0.6	-6.9	-19.45	0.00	-14.96	0.00
5.000	-0.8	-8.6	-21.64	0.00	-16.65	0.00
5.000	0.8	8.6	21.64	0.00	16.65	0.00
5.100	0.6	6.9	19.45	0.00	14.96	0.00
5.200	0.5	5.2	16.97	0.00	13.06	0.00
5.300	0.3	3.5	14.31	0.00	11.01	0.00
5.400	0.2	1.8	11.58	0.00	8.90	0.00
5.500	0.0	0.1	8.88	0.00	6.83	0.00
5.600	-0.2	-1.8	-11.58	0.00	-8.90	0.00
5.700	-0.3	-3.5	-14.31	0.00	-11.01	0.00
5.800	-0.5	-5.2	-16.97	0.00	-13.06	0.00
5.900	-0.6	-7.0	-19.45	0.00	-14.96	0.00
6.000	-0.8	-8.7	-21.64	0.00	-16.65	0.00
6.000	0.8	8.7	21.64	0.00	16.65	0.00
6.100	0.6	7.0	19.45	0.00	14.96	0.00
6.200	0.5	5.2	16.97	0.00	13.06	0.00
6.300	0.3	3.5	14.31	0.00	11.01	0.00
6.400	0.2	1.8	11.58	0.00	8.90	0.00
6.500	0.0	0.1	8.88	0.00	6.83	0.00
6.600	-0.2	-1.8	-11.58	0.00	-8.90	0.00
6.700	-0.3	-3.5	-14.31	0.00	-11.01	0.00
6.800	-0.5	-5.2	-16.97	0.00	-13.06	0.00
6.900	-0.6	-6.9	-19.45	0.00	-14.96	0.00
7.000	-0.8	-8.6	-21.64	0.00	-16.65	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	21.64	0.00	16.65	0.00
7.100	0.6	6.9	19.45	0.00	14.96	0.00
7.200	0.5	5.2	16.97	0.00	13.06	0.00
7.300	0.3	3.5	14.31	0.00	11.01	0.00
7.400	0.2	1.8	11.57	0.00	8.90	0.00
7.500	0.0	0.1	8.88	0.00	6.83	0.00
7.600	-0.2	-1.8	-11.58	0.00	-8.90	0.00
7.700	-0.3	-3.5	-14.31	0.00	-11.01	0.00
7.800	-0.5	-5.3	-16.97	0.00	-13.06	0.00
7.900	-0.6	-7.0	-19.45	0.00	-14.96	0.00
8.000	-0.8	-8.7	-21.64	0.00	-16.65	0.00
8.000	0.8	8.8	21.64	0.00	16.65	0.00
8.100	0.6	7.1	19.45	0.00	14.96	0.00
8.200	0.5	5.3	16.97	0.00	13.05	0.00
8.300	0.3	3.6	14.31	0.00	11.01	0.00
8.400	0.2	1.9	11.57	0.00	8.90	0.00
8.500	0.0	0.2	-8.88	0.00	6.83	0.00
8.600	-0.1	-1.7	-11.58	0.00	-8.91	0.00
8.700	-0.3	-3.4	-14.31	0.00	-11.01	0.00
8.800	-0.5	-5.1	-16.97	0.00	-13.06	0.00
8.900	-0.6	-6.8	-19.45	0.00	-14.97	0.00
9.000	-0.8	-8.6	-21.64	0.00	-16.65	0.00
9.000	0.7	-8.6	21.63	0.00	16.64	0.00
9.100	0.6	6.5	19.43	0.00	14.95	0.00
9.200	0.4	4.8	16.94	0.00	13.03	0.00
9.300	0.2	3.1	14.27	0.00	10.98	0.00
9.400	0.1	1.3	11.53	0.00	8.87	0.00
9.500	-0.1	-0.4	-8.91	0.00	-6.86	0.00
9.600	-0.2	-2.2	-11.62	0.00	-8.94	0.00
9.700	-0.4	-4.0	-14.36	0.00	-11.04	0.00
9.800	-0.5	-5.7	-17.02	0.00	-13.09	0.00
9.900	-0.7	-7.4	-19.49	0.00	-14.99	0.00
10.000	-0.8	-9.1	-21.66	0.00	-16.66	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	22.27	0.00	17.13	0.00
10.100	0.9	8.7	20.47	0.00	15.74	0.00
10.200	0.7	7.0	18.38	0.00	14.14	0.00
10.300	0.5	5.3	16.05	0.00	12.35	0.00
10.400	0.4	3.6	13.52	0.00	10.40	0.00
10.500	0.2	1.9	10.81	0.00	8.32	0.00
10.600	0.0	0.1	-9.63	0.00	-7.41	0.00
10.700	-0.2	-1.7	-12.23	0.00	-9.41	0.00
10.800	-0.4	-3.4	-14.98	0.00	-11.52	0.00
10.900	-0.6	-5.2	-17.86	0.00	-13.74	0.00
11.000	-0.7	-6.9	-20.82	0.00	-16.01	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-140.0	124.8
1.100	172.1	-138.1	126.7
1.200	172.1	-136.2	128.6
1.300	172.1	-134.3	130.5
1.400	172.1	-132.4	132.4
1.500	172.1	-130.5	134.3
1.600	172.1	-128.4	136.3
1.700	172.1	-126.5	138.2
1.800	172.1	-124.6	140.1
1.900	172.1	-122.7	142.0
2.000	172.1	-120.8	143.9
2.000	151.3	-120.8	106.4
2.100	151.3	-124.4	108.3
2.200	151.3	-122.6	110.2
2.300	151.3	-120.7	112.0
2.400	151.3	-118.8	113.9
2.500	151.3	-116.9	115.8
2.600	151.3	-114.9	117.8
2.700	151.3	-113.1	119.7
2.800	151.3	-111.2	121.6
2.900	151.3	-109.3	123.4
3.000	151.3	-107.4	117.1
3.000	151.3	-107.4	107.1
3.100	151.3	-123.8	108.9
3.200	151.3	-121.9	110.8
3.300	151.3	-120.1	112.7
3.400	151.3	-118.2	114.6
3.500	151.3	-116.3	116.4
3.600	151.3	-114.3	118.4
3.700	151.3	-112.4	120.3
3.800	151.3	-110.5	122.2
3.900	151.3	-108.7	124.1
4.000	151.3	-106.8	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-106.8	106.9
4.100	151.3	-124.0	108.8
4.200	151.3	-122.1	110.6
4.300	151.3	-120.2	112.5
4.400	151.3	-118.3	114.4
4.500	151.3	-116.5	116.3
4.600	151.3	-114.5	118.3
4.700	151.3	-112.6	120.2
4.800	151.3	-110.7	122.0
4.900	151.3	-108.8	123.9
5.000	151.3	-107.0	117.1
5.000	151.3	-107.0	106.9
5.100	151.3	-123.9	108.8
5.200	151.3	-122.1	110.7
5.300	151.3	-120.2	112.6
5.400	151.3	-118.3	114.4
5.500	151.3	-116.4	116.3
5.600	151.3	-114.4	118.3
5.700	151.3	-112.5	120.2
5.800	151.3	-110.7	122.1
5.900	151.3	-108.8	124.0
6.000	151.3	-106.9	117.2
6.000	151.3	-106.9	106.9
6.100	151.3	-124.0	108.8
6.200	151.3	-122.1	110.7
6.300	151.3	-120.2	112.5
6.400	151.3	-118.3	114.4
6.500	151.3	-116.4	116.3
6.600	151.3	-114.4	118.3
6.700	151.3	-112.6	120.2
6.800	151.3	-110.7	122.1
6.900	151.3	-108.8	123.9
7.000	151.3	-106.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-106.9	107.0
7.100	151.3	-123.9	108.8
7.200	151.3	-122.0	110.7
7.300	151.3	-120.2	112.6
7.400	151.3	-118.3	114.5
7.500	151.3	-116.4	116.3
7.600	151.3	-114.4	118.3
7.700	151.3	-112.5	120.2
7.800	151.3	-110.6	122.1
7.900	151.3	-108.8	124.0
8.000	151.3	-106.9	117.2
8.000	151.3	-106.9	106.8
8.100	151.3	-124.1	108.7
8.200	151.3	-122.2	110.5
8.300	151.3	-120.3	112.4
8.400	151.3	-118.4	114.3
8.500	151.3	-116.6	116.2
8.600	151.3	-114.6	118.2
8.700	151.3	-112.7	120.1
8.800	151.3	-110.8	121.9
8.900	151.3	-108.9	123.8
9.000	151.3	-107.1	117.1
9.000	151.3	-107.1	107.4
9.100	151.3	-123.4	109.3
9.200	151.3	-121.6	111.2
9.300	151.3	-119.7	113.1
9.400	151.3	-117.8	114.9
9.500	151.3	-115.9	116.8
9.600	151.3	-113.9	118.8
9.700	151.3	-112.0	120.7
9.800	151.3	-110.2	122.6
9.900	151.3	-108.3	124.4
10.000	151.3	-106.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-106.4	120.8
10.100	172.1	-142.0	122.7
10.200	172.1	-140.1	124.6
10.300	172.1	-138.2	126.5
10.400	172.1	-136.3	128.4
10.500	172.1	-134.4	130.3
10.600	172.1	-132.4	132.4
10.700	172.1	-130.5	134.3
10.800	172.1	-128.6	136.2
10.900	172.1	-126.7	138.1
11.000	172.1	-124.8	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	77.14	5.99	0.00	89.9
1.100	67.21	7.09	0.00	106.4
1.200	33.34	8.58	0.00	128.7
1.300	22.14	10.67	0.00	160.1
1.400	16.60	13.74	0.00	206.2
1.500	12.06	18.57	0.00	181.0
1.600	9.50	26.94	0.00	142.5
1.700	7.88	43.69	0.00	118.2
1.800	6.78	89.54	0.00	101.7
1.900	6.00	292.07	0.00	89.9
2.000	5.43	295.98	0.00	81.4
2.000	5.43	4.87	0.00	73.0
2.100	54.89	5.56	0.00	83.4
2.200	54.06	6.47	0.00	97.1
2.300	30.34	7.80	0.00	117.1
2.400	18.90	9.81	0.00	147.1
2.500	13.24	12.99	0.00	194.9
2.600	9.97	18.54	0.00	149.5
2.700	7.92	29.66	0.00	118.8
2.800	6.56	47.97	0.00	98.5
2.900	5.63	48.71	0.00	84.4
3.000	4.97	46.21	0.00	74.5
3.000	4.97	4.95	0.00	74.2
3.100	54.89	5.60	0.00	84.0
3.200	54.06	6.53	0.00	97.9
3.300	29.91	7.87	0.00	118.1
3.400	18.69	9.90	0.00	148.4
3.500	13.11	13.11	0.00	196.6
3.600	9.88	18.72	0.00	148.2
3.700	7.86	29.96	0.00	117.9
3.800	6.51	54.45	0.00	97.7
3.900	5.59	55.29	0.00	83.8
4.000	4.93	52.21	0.00	74.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	4.93	4.94	0.00	74.0
4.100	54.98	5.59	0.00	83.9
4.200	54.15	6.52	0.00	97.8
4.300	29.94	7.86	0.00	117.9
4.400	18.72	9.88	0.00	148.2
4.500	13.12	13.10	0.00	196.5
4.600	9.89	18.70	0.00	148.3
4.700	7.87	29.92	0.00	118.0
4.800	6.52	54.14	0.00	97.9
4.900	5.59	54.97	0.00	83.9
5.000	4.94	51.97	0.00	74.1
5.000	4.94	4.94	0.00	74.1
5.100	54.96	5.59	0.00	83.9
5.200	54.13	6.52	0.00	97.8
5.300	29.93	7.87	0.00	118.0
5.400	18.71	9.89	0.00	148.3
5.500	13.11	13.10	0.00	196.6
5.600	9.89	18.71	0.00	148.3
5.700	7.86	29.94	0.00	118.0
5.800	6.52	54.14	0.00	97.8
5.900	5.59	54.97	0.00	83.9
6.000	4.94	51.96	0.00	74.1
6.000	4.94	4.94	0.00	74.1
6.100	54.98	5.59	0.00	83.9
6.200	54.14	6.52	0.00	97.8
6.300	29.94	7.86	0.00	118.0
6.400	18.71	9.89	0.00	148.3
6.500	13.12	13.10	0.00	196.5
6.600	9.89	18.71	0.00	148.3
6.700	7.87	29.93	0.00	118.0
6.800	6.52	54.13	0.00	97.8
6.900	5.59	54.96	0.00	83.9
7.000	4.94	51.96	0.00	74.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	4.94	4.94	0.00	74.1
7.100	54.97	5.59	0.00	83.9
7.200	54.14	6.52	0.00	97.9
7.300	29.92	7.87	0.00	118.0
7.400	18.70	9.89	0.00	148.3
7.500	13.11	13.11	0.00	196.6
7.600	9.88	18.72	0.00	148.2
7.700	7.86	29.94	0.00	117.9
7.800	6.52	54.15	0.00	97.8
7.900	5.59	54.98	0.00	83.9
8.000	4.94	51.96	0.00	74.1
8.000	4.94	4.93	0.00	74.0
8.100	55.29	5.59	0.00	83.8
8.200	54.45	6.51	0.00	97.7
8.300	29.96	7.86	0.00	117.9
8.400	18.72	9.88	0.00	148.2
8.500	13.13	13.09	0.00	196.4
8.600	9.90	18.69	0.00	148.4
8.700	7.87	29.91	0.00	118.1
8.800	6.53	54.06	0.00	97.9
8.900	5.60	54.89	0.00	84.0
9.000	4.95	51.93	0.00	74.2
9.000	4.95	4.97	0.00	74.2
9.100	48.72	5.63	0.00	84.4
9.200	47.97	6.56	0.00	98.5
9.300	29.66	7.92	0.00	118.8
9.400	18.54	9.97	0.00	149.5
9.500	13.01	13.22	0.00	195.1
9.600	9.81	18.90	0.00	147.1
9.700	7.80	30.34	0.00	117.1
9.800	6.47	54.06	0.00	97.1
9.900	5.56	54.89	0.00	83.4
10.000	4.91	51.70	0.00	73.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	4.91	5.43	0.00	73.7
10.100	292.06	6.00	0.00	89.9
10.200	89.54	6.78	0.00	101.7
10.300	43.69	7.88	0.00	118.2
10.400	26.94	9.50	0.00	142.5
10.500	18.59	12.05	0.00	180.8
10.600	13.74	16.60	0.00	206.2
10.700	10.67	22.14	0.00	160.1
10.800	8.58	33.34	0.00	128.7
10.900	7.09	67.21	0.00	106.4
11.000	5.99	999.00	0.00	89.9

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
1.200	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
1.300	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.400	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
1.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.600	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
1.700	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
1.800	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
1.900	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
2.000	332.2	332.2	-332.2	-332.2	381.3	381.3	-283.1	-283.1
2.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
2.100	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
2.200	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
2.300	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
2.400	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
2.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
2.600	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
2.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
2.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
2.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9

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  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0


  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0
  3.100     279.4     279.4    -279.4    -279.4     294.9     294.9    -263.9    -2
63.9
  3.200     279.4     279.4    -279.4    -279.4     278.7     278.7    -280.1    -2
80.1
  3.300     279.4     279.4    -279.4    -279.4     267.1     267.1    -291.7    -2
91.7
  3.400     279.4     279.4    -279.4    -279.4     260.3     260.3    -298.5    -2
98.5
  3.500     279.4     279.4    -279.4    -279.4     258.1     258.1    -300.7    -3
00.7
  3.600     279.4     279.4    -279.4    -279.4     261.0     261.0    -297.8    -2
97.8
  3.700     279.4     279.4    -279.4    -279.4     268.5     268.5    -290.3    -2
90.3
  3.800     279.4     279.4    -279.4    -279.4     280.7     280.7    -278.1    -2
78.1
  3.900     279.4     279.4    -279.4    -279.4     297.6     297.6    -261.2    -2
61.2
  4.000     279.4     279.4    -279.4    -279.4     319.3     319.3    -239.5    -2
39.5
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SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
4.100	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
4.200	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
4.300	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
4.400	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
4.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
4.600	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
4.700	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
4.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
4.900	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.100	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
5.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
5.300	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
5.400	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
5.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
5.600	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
5.700	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
5.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
5.900	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5

6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.100	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5
6.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
6.300	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
6.400	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
6.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
6.600	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
6.700	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
6.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
6.900	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
7.100	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
7.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
7.300	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
7.400	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
7.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
7.600	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
7.700	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
7.800	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
7.900	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.100	279.4	279.4	-279.4	-279.4	297.6	297.6	-261.2	-261.2
8.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
8.300	279.4	279.4	-279.4	-279.4	268.5	268.5	-290.3	-290.3
8.400	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
8.500	279.4	279.4	-279.4	-279.4	258.1	258.1	-300.7	-300.7
8.600	279.4	279.4	-279.4	-279.4	260.3	260.3	-298.5	-298.5
8.700	279.4	279.4	-279.4	-279.4	267.1	267.1	-291.7	-291.7
8.800	279.4	279.4	-279.4	-279.4	278.7	278.7	-280.1	-280.1
8.900	279.4	279.4	-279.4	-279.4	294.9	294.9	-263.9	-263.9

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0
9.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
9.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
9.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
9.400	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
9.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
9.600	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
9.700	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
9.800	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
9.900	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
10.100	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
10.200	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
10.300	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
10.400	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
10.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.600	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
10.700	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.800	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
10.900	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	7.07	76.90	7.07	76.90	0.00	106.0
1.200	4.05	39.76	4.05	39.76	0.00	60.8
1.300	3.23	27.03	3.23	27.03	0.00	48.5
1.400	3.05	20.41	3.05	20.41	0.00	45.8
1.500	3.22	16.22	3.22	16.22	0.00	48.2
1.600	3.51	13.24	3.51	13.24	0.00	52.6
1.700	4.49	10.97	4.49	10.97	0.00	67.3
1.800	7.28	9.13	7.28	9.13	0.00	109.2
1.900	23.85	7.58	23.85	7.58	0.00	113.7
2.000	31.37	5.67	31.37	5.67	0.00	85.0
2.000	27.03	4.61	27.03	4.61	0.00	69.1
2.100	21.24	5.80	21.24	5.80	0.00	86.9
2.200	6.85	7.26	6.85	7.26	0.00	102.7
2.300	4.41	9.17	4.41	9.17	0.00	66.2
2.400	3.63	11.87	3.63	11.87	0.00	54.5
2.500	3.52	16.19	3.52	16.19	0.00	52.7
2.600	3.59	13.49	3.59	13.49	0.00	53.8
2.700	4.30	10.50	4.30	10.50	0.00	64.5
2.800	6.57	8.39	6.57	8.39	0.00	98.5
2.900	19.63	6.77	19.63	6.77	0.00	101.5
3.000	23.59	5.46	23.59	5.46	0.00	81.9
3.000	23.59	5.46	23.59	5.46	0.00	81.9
3.100	19.71	6.83	19.71	6.83	0.00	102.4
3.200	6.53	8.48	6.53	8.48	0.00	98.0
3.300	4.25	10.64	4.25	10.64	0.00	63.8
3.400	3.53	13.69	3.53	13.69	0.00	52.9
3.500	3.44	18.49	3.44	18.49	0.00	51.6
3.600	3.54	13.60	3.54	13.60	0.00	53.0
3.700	4.27	10.54	4.27	10.54	0.00	64.1
3.800	6.57	8.38	6.57	8.38	0.00	98.6
3.900	19.83	6.73	19.83	6.73	0.00	100.9
4.000	26.80	5.39	26.80	5.39	0.00	80.8

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	26.80	5.39	26.80	5.39	0.00	80.8
4.100	19.85	6.72	19.85	6.72	0.00	100.8
4.200	6.58	8.37	6.58	8.37	0.00	98.8
4.300	4.28	10.52	4.28	10.52	0.00	64.2
4.400	3.55	13.55	3.55	13.55	0.00	53.2
4.500	3.46	18.40	3.46	18.40	0.00	51.9
4.600	3.55	13.56	3.55	13.56	0.00	53.2
4.700	4.28	10.52	4.28	10.52	0.00	64.2
4.800	6.57	8.38	6.57	8.38	0.00	98.6
4.900	19.80	6.74	19.80	6.74	0.00	101.1
5.000	26.72	5.41	26.72	5.41	0.00	81.1
5.000	26.72	5.41	26.72	5.41	0.00	81.1
5.100	19.79	6.74	19.79	6.74	0.00	101.1
5.200	6.57	8.39	6.57	8.39	0.00	98.5
5.300	4.27	10.53	4.27	10.53	0.00	64.1
5.400	3.54	13.57	3.54	13.57	0.00	53.1
5.500	3.45	18.42	3.45	18.42	0.00	51.8
5.600	3.54	13.57	3.54	13.57	0.00	53.2
5.700	4.28	10.53	4.28	10.53	0.00	64.1
5.800	6.57	8.38	6.57	8.38	0.00	98.6
5.900	19.81	6.74	19.81	6.74	0.00	101.0
6.000	26.75	5.40	26.75	5.40	0.00	81.0
6.000	26.75	5.40	26.75	5.40	0.00	81.0
6.100	19.81	6.74	19.81	6.74	0.00	101.0
6.200	6.57	8.38	6.57	8.38	0.00	98.6
6.300	4.28	10.53	4.28	10.53	0.00	64.1
6.400	3.54	13.57	3.54	13.57	0.00	53.2
6.500	3.45	18.42	3.45	18.42	0.00	51.8
6.600	3.54	13.57	3.54	13.57	0.00	53.1
6.700	4.27	10.53	4.27	10.53	0.00	64.1
6.800	6.57	8.39	6.57	8.39	0.00	98.5
6.900	19.80	6.74	19.80	6.74	0.00	101.1
7.000	26.72	5.41	26.72	5.41	0.00	81.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	26.72	5.41	26.72	5.41	0.00	81.1
7.100	19.80	6.74	19.80	6.74	0.00	101.1
7.200	6.57	8.38	6.57	8.38	0.00	98.5
7.300	4.28	10.52	4.28	10.52	0.00	64.2
7.400	3.55	13.56	3.55	13.56	0.00	53.2
7.500	3.46	18.40	3.46	18.40	0.00	51.9
7.600	3.55	13.55	3.55	13.55	0.00	53.2
7.700	4.28	10.52	4.28	10.52	0.00	64.2
7.800	6.58	8.37	6.58	8.37	0.00	98.8
7.900	19.85	6.72	19.85	6.72	0.00	100.9
8.000	26.80	5.39	26.80	5.39	0.00	80.8
8.000	26.80	5.39	26.80	5.39	0.00	80.8
8.100	19.83	6.73	19.83	6.73	0.00	100.9
8.200	6.57	8.38	6.57	8.38	0.00	98.6
8.300	4.27	10.54	4.27	10.54	0.00	64.1
8.400	3.54	13.60	3.54	13.60	0.00	53.0
8.500	3.44	18.49	3.44	18.49	0.00	51.6
8.600	3.53	13.69	3.53	13.69	0.00	52.9
8.700	4.25	10.64	4.25	10.64	0.00	63.8
8.800	6.53	8.48	6.53	8.48	0.00	98.0
8.900	19.71	6.83	19.71	6.83	0.00	102.4
9.000	23.59	5.46	23.59	5.46	0.00	81.9
9.000	23.59	5.46	23.59	5.46	0.00	81.9
9.100	19.63	6.77	19.63	6.77	0.00	101.5
9.200	6.57	8.39	6.57	8.39	0.00	98.5
9.300	4.30	10.50	4.30	10.50	0.00	64.5
9.400	3.59	13.49	3.59	13.49	0.00	53.8
9.500	3.52	16.19	3.52	16.19	0.00	52.7
9.600	3.63	11.87	3.63	11.87	0.00	54.5
9.700	4.41	9.17	4.41	9.17	0.00	66.2
9.800	6.85	7.26	6.85	7.26	0.00	102.7
9.900	21.24	5.80	21.24	5.80	0.00	86.9
10.000	27.03	4.61	27.03	4.61	0.00	69.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 2F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	27.03	4.61	27.03	4.61	0.00	69.1
10.100	23.85	7.58	23.85	7.58	0.00	113.7
10.200	7.28	9.13	7.28	9.13	0.00	109.2
10.300	4.49	10.97	4.49	10.97	0.00	67.3
10.400	3.51	13.24	3.51	13.24	0.00	52.6
10.500	3.22	16.22	3.22	16.22	0.00	48.2
10.600	3.05	20.41	3.05	20.41	0.00	45.8
10.700	3.23	27.03	3.23	27.03	0.00	48.5
10.800	4.05	39.76	4.05	39.76	0.00	60.8
10.900	7.07	76.90	7.07	76.90	0.00	106.0
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	60.91	R	0.00	46.85	0.00
1.200	2.8	25.8	100.62	R	0.00	77.40	0.00
1.300	3.5	32.2	120.84	R	0.00	92.95	0.00
1.400	3.7	34.4	128.49	R	0.00	98.84	0.00
1.500	3.5	32.2	125.83	R	0.00	96.79	0.00
1.600	2.8	25.4	111.66	L	0.00	85.89	0.00
1.700	1.7	14.4	91.04	L	0.00	70.03	0.00
1.800	0.1	-1.0	56.69	L	0.00	43.60	0.00
1.900	-2.0	-20.7	-58.74	R	0.00	-45.18	0.00
2.000	-4.5	-44.7	-74.79	R	0.00	-57.53	0.00
2.000	-4.5	-44.7	-74.79	R	0.00	-57.53	0.00
2.100	-2.6	-24.0	-62.75	L	0.00	-48.27	0.00
2.200	-1.0	-7.7	-53.64	L	0.00	-41.26	0.00
2.300	0.1	4.3	79.09	R	0.00	60.84	0.00
2.400	0.8	12.0	93.85	R	0.00	72.19	0.00
2.500	1.2	15.5	99.90	L	0.00	76.84	0.00
2.600	1.1	14.3	94.23	L	0.00	72.48	0.00
2.700	0.7	8.8	79.76	L	0.00	61.35	0.00
2.800	-0.1	-1.0	52.12	L	0.00	40.09	0.00
2.900	-1.3	-15.1	-55.90	R	0.00	-43.00	0.00
3.000	-2.9	-33.5	-70.38	L	0.00	-54.14	0.00
3.000	-2.9	-33.5	-70.38	L	0.00	-54.14	0.00
3.100	-1.2	-14.3	-55.58	L	0.00	-42.76	0.00
3.200	0.1	0.6	52.04	R	0.00	40.03	0.00
3.300	1.0	11.2	79.83	R	0.00	61.41	0.00
3.400	1.6	17.5	94.45	R	0.00	72.65	0.00
3.500	1.7	19.5	100.30	L	0.00	77.16	0.00
3.600	1.5	16.9	94.48	L	0.00	72.67	0.00
3.700	0.9	10.0	79.88	L	0.00	61.45	0.00
3.800	-0.1	-1.2	52.11	L	0.00	40.08	0.00
3.900	-1.5	-16.7	-55.85	R	0.00	-42.96	0.00
4.000	-3.3	-36.5	-70.34	L	0.00	-54.11	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-36.5	-70.34	L	0.00	-54.11	0.00
4.100	-1.6	-16.9	-55.83	L	0.00	-42.94	0.00
4.200	-0.2	-1.6	52.10	R	0.00	40.08	0.00
4.300	0.8	9.4	79.89	R	0.00	61.45	0.00
4.400	1.4	16.1	94.49	R	0.00	72.69	0.00
4.500	1.6	18.5	100.33	L	0.00	77.18	0.00
4.600	1.4	16.2	94.49	L	0.00	72.69	0.00
4.700	0.8	9.7	79.89	L	0.00	61.45	0.00
4.800	-0.1	-1.1	52.11	L	0.00	40.08	0.00
4.900	-1.5	-16.3	-55.85	R	0.00	-42.96	0.00
5.000	-3.2	-35.7	-70.34	L	0.00	-54.11	0.00
5.000	-3.2	-35.7	-70.34	L	0.00	-54.11	0.00
5.100	-1.5	-16.2	-55.85	L	0.00	-42.96	0.00
5.200	-0.1	-1.0	52.11	R	0.00	40.08	0.00
5.300	0.9	9.9	79.89	R	0.00	61.46	0.00
5.400	1.4	16.4	94.50	R	0.00	72.69	0.00
5.500	1.6	18.7	100.34	R	0.00	77.18	0.00
5.600	1.4	16.4	94.50	L	0.00	72.69	0.00
5.700	0.8	9.7	79.89	L	0.00	61.46	0.00
5.800	-0.1	-1.2	52.11	L	0.00	40.08	0.00
5.900	-1.5	-16.4	-55.85	R	0.00	-42.96	0.00
6.000	-3.3	-36.0	-70.34	R	0.00	-54.11	0.00
6.000	-3.3	-36.0	-70.34	R	0.00	-54.11	0.00
6.100	-1.5	-16.4	-55.85	L	0.00	-42.96	0.00
6.200	-0.1	-1.2	52.11	R	0.00	40.08	0.00
6.300	0.8	9.7	79.89	R	0.00	61.46	0.00
6.400	1.4	16.4	94.50	R	0.00	72.69	0.00
6.500	1.6	18.7	100.34	R	0.00	77.18	0.00
6.600	1.4	16.4	94.50	L	0.00	72.69	0.00
6.700	0.9	9.9	79.89	L	0.00	61.45	0.00
6.800	-0.1	-1.0	52.11	L	0.00	40.08	0.00
6.900	-1.5	-16.2	-55.85	R	0.00	-42.96	0.00
7.000	-3.2	-35.7	-70.34	R	0.00	-54.11	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
7.000	-3.2	-35.7	-70.34	R	0.00	-54.11	0.00
7.100	-1.5	-16.3	-55.85	L	0.00	-42.96	0.00
7.200	-0.1	-1.1	52.11	R	0.00	40.08	0.00
7.300	0.8	9.7	79.89	R	0.00	61.45	0.00
7.400	1.4	16.2	94.49	R	0.00	72.69	0.00
7.500	1.6	18.5	100.33	R	0.00	77.18	0.00
7.600	1.4	16.1	94.49	L	0.00	72.69	0.00
7.700	0.8	9.4	79.89	L	0.00	61.45	0.00
7.800	-0.2	-1.6	52.10	L	0.00	40.08	0.00
7.900	-1.6	-16.9	-55.83	R	0.00	-42.94	0.00
8.000	-3.3	-36.5	-70.34	R	0.00	-54.11	0.00
8.000	-3.3	-36.5	-70.34	R	0.00	-54.11	0.00
8.100	-1.5	-16.7	-55.85	L	0.00	-42.96	0.00
8.200	-0.1	-1.2	52.11	R	0.00	40.08	0.00
8.300	0.9	10.0	79.88	R	0.00	61.45	0.00
8.400	1.5	16.9	94.48	R	0.00	72.67	0.00
8.500	1.7	19.5	100.30	R	0.00	77.16	0.00
8.600	1.6	17.5	94.45	L	0.00	72.65	0.00
8.700	1.0	11.2	79.83	L	0.00	61.41	0.00
8.800	0.1	0.6	52.04	L	0.00	40.03	0.00
8.900	-1.2	-14.3	-55.58	R	0.00	-42.76	0.00
9.000	-2.9	-33.5	-70.38	R	0.00	-54.14	0.00
9.000	-2.9	-33.5	-70.38	R	0.00	-54.14	0.00
9.100	-1.3	-15.1	-55.90	L	0.00	-43.00	0.00
9.200	-0.1	-1.0	52.12	R	0.00	40.09	0.00
9.300	0.7	8.8	79.76	R	0.00	61.35	0.00
9.400	1.1	14.3	94.23	R	0.00	72.48	0.00
9.500	1.2	15.5	99.90	R	0.00	76.84	0.00
9.600	0.8	12.0	93.85	L	0.00	72.19	0.00
9.700	0.1	4.3	79.09	L	0.00	60.84	0.00
9.800	-1.0	-7.7	-53.64	R	0.00	-41.26	0.00
9.900	-2.6	-24.0	-62.75	R	0.00	-48.27	0.00
10.000	-4.5	-44.7	-74.79	L	0.00	-57.53	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
10.000	-4.5	-44.7	-74.79	L	0.00	-57.53	0.00
10.100	-2.0	-20.7	-58.74	L	0.00	-45.18	0.00
10.200	0.1	-1.0	56.69	R	0.00	43.61	0.00
10.300	1.7	14.4	91.04	R	0.00	70.03	0.00
10.400	2.8	25.4	111.66	R	0.00	85.89	0.00
10.500	3.5	32.2	125.83	L	0.00	96.79	0.00
10.600	3.7	34.4	128.49	L	0.00	98.84	0.00
10.700	3.5	32.2	120.84	L	0.00	92.95	0.00
10.800	2.8	25.8	100.62	L	0.00	77.40	0.00
10.900	1.6	15.0	60.91	L	0.00	46.85	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
1.200	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
1.300	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.400	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
1.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.600	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
1.700	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
1.800	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
1.900	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
2.000	359.7C	319.4	-319.4	-359.7C	408.8	368.6	-270.3	-310.6
2.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5
2.100	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
2.200	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
2.300	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
2.400	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
2.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
2.600	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
2.700	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
2.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
2.900	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2

3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.100	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1
3.200	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
3.400	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
3.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
3.600	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
3.700	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
3.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
3.900	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
4.100	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
4.200	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
4.300	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
4.400	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
4.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
4.600	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
4.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
4.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
4.900	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.100	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
5.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
5.300	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
5.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
5.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
5.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
5.900	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4
6.100	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7
6.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
6.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
6.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
6.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.700	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
6.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
6.900	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
7.100	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
7.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
7.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
7.400	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
7.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
7.600	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
7.700	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
7.800	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
7.900	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.100	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
8.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
8.300	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
8.400	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
8.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
8.600	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
8.700	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
8.800	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
9.100	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2
9.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
9.300	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
9.400	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
9.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
9.600	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
9.700	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
9.800	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
9.900	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
10.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	408.8	317.8	-219.5	-310.6
10.100	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
10.200	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
10.300	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
10.400	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
10.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.600	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
10.700	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.800	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
10.900	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.63	51.49	4.97	57.66	0.00	114.3
1.200	3.29	26.66	2.89	29.74	0.00	66.5
1.300	2.68	18.14	2.35	20.19	0.00	54.0
1.400	2.50	13.69	2.19	15.24	0.00	50.4
1.500	2.58	10.88	2.26	12.12	0.00	51.9
1.600	2.97	8.88	2.61	9.91	0.00	60.0
1.700	3.78	7.34	3.33	8.22	0.00	76.6
1.800	6.36	6.10	5.65	6.87	0.00	130.0
1.900	24.29	5.05	21.73	5.74	0.00	116.2
2.000	23.38	3.61	21.07	4.15	0.00	83.1
2.000	20.00	2.93	18.17	3.36	0.00	67.5
2.100	30.66	3.86	27.66	4.37	0.00	88.7
2.200	6.05	4.84	5.43	5.44	0.00	111.4
2.300	3.74	6.13	3.34	6.85	0.00	76.8
2.400	3.07	7.95	2.73	8.85	0.00	62.7
2.500	2.84	10.85	2.52	12.06	0.00	58.0
2.600	3.03	9.04	2.69	10.05	0.00	61.8
2.700	3.65	7.03	3.25	7.83	0.00	74.7
2.800	5.79	5.60	5.18	6.27	0.00	119.1
2.900	21.17	4.51	19.04	5.08	0.00	103.8
3.000	17.51	3.30	15.85	3.75	0.00	75.9
3.000	17.51	3.30	15.85	3.75	0.00	75.9
3.100	18.80	4.55	16.90	5.13	0.00	104.7
3.200	5.76	5.67	5.15	6.34	0.00	118.4
3.300	3.61	7.12	3.21	7.93	0.00	73.9
3.400	2.98	9.17	2.64	10.19	0.00	60.8
3.500	2.79	12.39	2.47	13.76	0.00	56.7
3.600	2.99	9.11	2.65	10.12	0.00	60.9
3.700	3.63	7.05	3.23	7.86	0.00	74.2
3.800	5.80	5.60	5.18	6.27	0.00	119.2
3.900	21.31	4.48	19.17	5.06	0.00	103.1
4.000	19.87	3.25	18.00	3.71	0.00	74.8

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	19.87	3.25	18.00	3.71	0.00	74.8
4.100	21.43	4.48	19.28	5.05	0.00	103.1
4.200	5.80	5.59	5.19	6.26	0.00	119.4
4.300	3.64	7.04	3.24	7.84	0.00	74.4
4.400	3.00	9.08	2.66	10.10	0.00	61.1
4.500	2.80	12.33	2.48	13.70	0.00	57.0
4.600	2.99	9.08	2.66	10.10	0.00	61.1
4.700	3.63	7.05	3.23	7.85	0.00	74.3
4.800	5.79	5.60	5.18	6.27	0.00	119.1
4.900	21.28	4.49	19.14	5.07	0.00	103.3
5.000	19.81	3.27	17.95	3.72	0.00	75.1
5.000	19.81	3.27	17.95	3.72	0.00	75.1
5.100	21.28	4.49	19.14	5.07	0.00	103.4
5.200	5.79	5.60	5.18	6.27	0.00	119.1
5.300	3.63	7.05	3.23	7.86	0.00	74.3
5.400	2.99	9.09	2.65	10.11	0.00	61.0
5.500	2.79	12.35	2.47	13.71	0.00	56.9
5.600	2.99	9.09	2.65	10.10	0.00	61.1
5.700	3.63	7.05	3.23	7.85	0.00	74.3
5.800	5.80	5.60	5.18	6.27	0.00	119.2
5.900	21.29	4.49	19.15	5.06	0.00	103.3
6.000	19.83	3.26	17.97	3.72	0.00	75.0
6.000	19.83	3.26	17.97	3.72	0.00	75.0
6.100	21.29	4.49	19.15	5.06	0.00	103.3
6.200	5.80	5.60	5.18	6.27	0.00	119.2
6.300	3.63	7.05	3.23	7.85	0.00	74.3
6.400	2.99	9.09	2.65	10.10	0.00	61.1
6.500	2.79	12.35	2.47	13.71	0.00	56.9
6.600	2.99	9.09	2.65	10.11	0.00	61.0
6.700	3.63	7.05	3.23	7.86	0.00	74.3
6.800	5.79	5.60	5.18	6.27	0.00	119.1
6.900	21.28	4.49	19.14	5.07	0.00	103.4
7.000	19.81	3.27	17.95	3.72	0.00	75.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	19.81	3.27	17.95	3.72	0.00	75.1
7.100	21.28	4.49	19.14	5.07	0.00	103.3
7.200	5.79	5.60	5.18	6.27	0.00	119.1
7.300	3.63	7.05	3.23	7.85	0.00	74.3
7.400	2.99	9.08	2.66	10.10	0.00	61.1
7.500	2.80	12.33	2.48	13.70	0.00	57.0
7.600	3.00	9.08	2.66	10.10	0.00	61.1
7.700	3.64	7.04	3.24	7.84	0.00	74.4
7.800	5.80	5.59	5.19	6.26	0.00	119.4
7.900	21.43	4.48	19.28	5.05	0.00	103.1
8.000	19.87	3.25	18.00	3.71	0.00	74.8
8.000	19.87	3.25	18.00	3.71	0.00	74.8
8.100	21.31	4.48	19.17	5.06	0.00	103.1
8.200	5.80	5.60	5.18	6.27	0.00	119.2
8.300	3.63	7.05	3.23	7.86	0.00	74.2
8.400	2.99	9.11	2.65	10.12	0.00	60.9
8.500	2.79	12.39	2.47	13.76	0.00	56.7
8.600	2.98	9.17	2.64	10.19	0.00	60.8
8.700	3.61	7.12	3.21	7.93	0.00	73.9
8.800	5.76	5.67	5.15	6.34	0.00	118.4
8.900	18.80	4.55	16.90	5.13	0.00	104.7
9.000	17.51	3.30	15.85	3.75	0.00	75.9
9.000	17.51	3.30	15.85	3.75	0.00	75.9
9.100	21.17	4.51	19.04	5.08	0.00	103.8
9.200	5.79	5.60	5.18	6.27	0.00	119.1
9.300	3.65	7.03	3.25	7.83	0.00	74.7
9.400	3.03	9.04	2.69	10.05	0.00	61.8
9.500	2.84	10.85	2.52	12.06	0.00	58.0
9.600	3.07	7.95	2.73	8.85	0.00	62.7
9.700	3.74	6.13	3.34	6.85	0.00	76.8
9.800	6.05	4.85	5.43	5.44	0.00	111.4
9.900	30.66	3.86	27.66	4.37	0.00	88.7
10.000	20.00	2.93	18.17	3.36	0.00	67.5

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	23.38	2.93	18.17	4.15	0.00	67.5
10.100	24.29	5.05	21.73	5.74	0.00	116.2
10.200	6.36	6.10	5.65	6.87	0.00	130.0
10.300	3.78	7.34	3.33	8.22	0.00	76.6
10.400	2.97	8.88	2.61	9.91	0.00	60.0
10.500	2.58	10.88	2.26	12.12	0.00	51.9
10.600	2.50	13.69	2.19	15.24	0.00	50.4
10.700	2.68	18.14	2.35	20.19	0.00	54.0
10.800	3.29	26.66	2.89	29.74	0.00	66.5
10.900	5.63	51.49	4.97	57.66	0.00	114.3
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	28.77	0.00	22.13	0.00
1.100	0.6	5.2	24.36	0.00	18.74	0.00
1.200	0.4	3.4	20.12	0.00	15.48	0.00
1.300	0.2	1.7	16.11	0.00	12.39	0.00
1.400	0.0	-0.1	12.38	0.00	9.53	0.00
1.500	-0.2	-1.8	-14.12	0.00	-10.86	0.00
1.600	-0.4	-3.6	-17.64	0.00	-13.57	0.00
1.700	-0.5	-5.3	-21.68	0.00	-16.68	0.00
1.800	-0.7	-7.0	-25.44	0.00	-19.57	0.00
1.900	-0.9	-8.7	-28.87	0.00	-22.21	0.00
2.000	-1.1	-10.4	-31.91	0.00	-24.55	0.00
2.000	0.8	-10.4	30.77	0.00	23.67	0.00
2.100	0.7	7.4	27.06	0.00	20.81	0.00
2.200	0.5	5.7	23.17	0.00	17.82	0.00
2.300	0.4	4.0	19.12	0.00	14.71	0.00
2.400	0.2	2.2	15.07	0.00	11.59	0.00
2.500	0.1	0.5	11.18	0.00	8.60	0.00
2.600	-0.1	-1.3	-14.95	0.00	-11.50	0.00
2.700	-0.2	-3.1	-18.99	0.00	-14.61	0.00
2.800	-0.4	-4.8	-23.05	0.00	-17.73	0.00
2.900	-0.6	-6.5	-26.96	0.00	-20.74	0.00
3.000	-0.7	-8.2	-30.54	0.00	-23.49	0.00
3.000	0.8	8.6	30.57	0.00	23.52	0.00
3.100	0.6	6.8	27.00	0.00	20.77	0.00
3.200	0.5	5.1	23.11	0.00	17.78	0.00
3.300	0.3	3.4	19.06	0.00	14.66	0.00
3.400	0.1	1.7	15.01	0.00	11.55	0.00
3.500	0.0	-0.1	11.14	0.00	8.57	0.00
3.600	-0.2	-1.9	-15.00	0.00	-11.54	0.00
3.700	-0.3	-3.6	-19.05	0.00	-14.65	0.00
3.800	-0.5	-5.3	-23.10	0.00	-17.77	0.00
3.900	-0.6	-7.1	-27.00	0.00	-20.77	0.00
4.000	-0.8	-8.8	-30.57	0.00	-23.51	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	30.57	0.00	23.51	0.00
4.100	0.6	7.0	27.00	0.00	20.77	0.00
4.200	0.5	5.3	23.11	0.00	17.77	0.00
4.300	0.3	3.5	19.05	0.00	14.66	0.00
4.400	0.2	1.8	15.01	0.00	11.55	0.00
4.500	0.0	0.1	11.13	0.00	8.56	0.00
4.600	-0.2	-1.8	-15.01	0.00	-11.55	0.00
4.700	-0.3	-3.5	-19.05	0.00	-14.66	0.00
4.800	-0.5	-5.2	-23.10	0.00	-17.77	0.00
4.900	-0.6	-6.9	-27.00	0.00	-20.77	0.00
5.000	-0.8	-8.6	-30.57	0.00	-23.51	0.00
5.000	0.8	8.6	30.57	0.00	23.51	0.00
5.100	0.6	6.9	27.00	0.00	20.77	0.00
5.200	0.5	5.2	23.10	0.00	17.77	0.00
5.300	0.3	3.5	19.05	0.00	14.66	0.00
5.400	0.2	1.8	15.01	0.00	11.55	0.00
5.500	0.0	0.1	11.13	0.00	8.56	0.00
5.600	-0.2	-1.8	-15.01	0.00	-11.55	0.00
5.700	-0.3	-3.5	-19.05	0.00	-14.66	0.00
5.800	-0.5	-5.2	-23.10	0.00	-17.77	0.00
5.900	-0.6	-7.0	-27.00	0.00	-20.77	0.00
6.000	-0.8	-8.7	-30.57	0.00	-23.51	0.00
6.000	0.8	8.7	30.57	0.00	23.51	0.00
6.100	0.6	7.0	27.00	0.00	20.77	0.00
6.200	0.5	5.2	23.10	0.00	17.77	0.00
6.300	0.3	3.5	19.05	0.00	14.66	0.00
6.400	0.2	1.8	15.01	0.00	11.55	0.00
6.500	0.0	0.1	11.13	0.00	8.56	0.00
6.600	-0.2	-1.8	-15.01	0.00	-11.55	0.00
6.700	-0.3	-3.5	-19.05	0.00	-14.66	0.00
6.800	-0.5	-5.2	-23.11	0.00	-17.77	0.00
6.900	-0.6	-6.9	-27.00	0.00	-20.77	0.00
7.000	-0.8	-8.6	-30.57	0.00	-23.51	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	30.57	0.00	23.51	0.00
7.100	0.6	6.9	27.00	0.00	20.77	0.00
7.200	0.5	5.2	23.10	0.00	17.77	0.00
7.300	0.3	3.5	19.05	0.00	14.66	0.00
7.400	0.2	1.8	15.01	0.00	11.55	0.00
7.500	0.0	0.1	11.13	0.00	8.56	0.00
7.600	-0.2	-1.8	-15.01	0.00	-11.55	0.00
7.700	-0.3	-3.5	-19.05	0.00	-14.66	0.00
7.800	-0.5	-5.3	-23.11	0.00	-17.77	0.00
7.900	-0.6	-7.0	-27.00	0.00	-20.77	0.00
8.000	-0.8	-8.7	-30.57	0.00	-23.51	0.00
8.000	0.8	8.8	30.57	0.00	23.51	0.00
8.100	0.6	7.1	27.00	0.00	20.77	0.00
8.200	0.5	5.3	23.10	0.00	17.77	0.00
8.300	0.3	3.6	19.05	0.00	14.65	0.00
8.400	0.2	1.9	15.00	0.00	11.54	0.00
8.500	0.0	0.2	-11.14	0.00	-8.57	0.00
8.600	-0.1	-1.7	-15.01	0.00	-11.55	0.00
8.700	-0.3	-3.4	-19.06	0.00	-14.66	0.00
8.800	-0.5	-5.1	-23.11	0.00	-17.78	0.00
8.900	-0.6	-6.8	-27.00	0.00	-20.77	0.00
9.000	-0.8	-8.6	-30.57	0.00	-23.52	0.00
9.000	0.7	-8.6	30.54	0.00	23.49	0.00
9.100	0.6	6.5	26.96	0.00	20.74	0.00
9.200	0.4	4.8	23.05	0.00	17.73	0.00
9.300	0.2	3.1	18.99	0.00	14.61	0.00
9.400	0.1	1.3	14.95	0.00	11.50	0.00
9.500	-0.1	-0.4	-11.18	0.00	-8.60	0.00
9.600	-0.2	-2.2	-15.07	0.00	-11.59	0.00
9.700	-0.4	-4.0	-19.12	0.00	-14.71	0.00
9.800	-0.5	-5.7	-23.17	0.00	-17.82	0.00
9.900	-0.7	-7.4	-27.06	0.00	-20.81	0.00
10.000	-0.8	-9.1	-30.61	0.00	-23.54	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	31.91	0.00	24.55	0.00
10.100	0.9	8.7	28.87	0.00	22.21	0.00
10.200	0.7	7.0	25.44	0.00	19.57	0.00
10.300	0.5	5.3	21.68	0.00	16.68	0.00
10.400	0.4	3.6	17.64	0.00	13.57	0.00
10.500	0.2	1.9	14.12	0.00	10.86	0.00
10.600	0.0	0.1	-12.38	0.00	-9.53	0.00
10.700	-0.2	-1.7	-16.11	0.00	-12.39	0.00
10.800	-0.4	-3.4	-20.12	0.00	-15.48	0.00
10.900	-0.6	-5.2	-24.36	0.00	-18.74	0.00
11.000	-0.7	-6.9	-28.77	0.00	-22.13	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-140.0	124.8
1.100	172.1	-138.1	126.7
1.200	172.1	-136.2	128.6
1.300	172.1	-134.3	130.5
1.400	172.1	-132.4	132.4
1.500	172.1	-130.5	134.3
1.600	172.1	-128.4	136.3
1.700	172.1	-126.5	138.2
1.800	172.1	-124.6	140.1
1.900	172.1	-122.7	142.0
2.000	172.1	-120.8	143.9
2.000	151.3	-120.8	106.4
2.100	151.3	-124.4	108.3
2.200	151.3	-122.6	110.2
2.300	151.3	-120.7	112.0
2.400	151.3	-118.8	113.9
2.500	151.3	-116.9	115.8
2.600	151.3	-114.9	117.8
2.700	151.3	-113.1	119.7
2.800	151.3	-111.2	121.6
2.900	151.3	-109.3	123.4
3.000	151.3	-107.4	117.1
3.000	151.3	-107.4	107.1
3.100	151.3	-123.8	108.9
3.200	151.3	-121.9	110.8
3.300	151.3	-120.1	112.7
3.400	151.3	-118.2	114.6
3.500	151.3	-116.3	116.4
3.600	151.3	-114.3	118.4
3.700	151.3	-112.4	120.3
3.800	151.3	-110.5	122.2
3.900	151.3	-108.7	124.1
4.000	151.3	-106.8	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-106.8	106.9
4.100	151.3	-124.0	108.8
4.200	151.3	-122.1	110.6
4.300	151.3	-120.2	112.5
4.400	151.3	-118.3	114.4
4.500	151.3	-116.5	116.3
4.600	151.3	-114.5	118.3
4.700	151.3	-112.6	120.2
4.800	151.3	-110.7	122.0
4.900	151.3	-108.8	123.9
5.000	151.3	-107.0	117.1
5.000	151.3	-107.0	106.9
5.100	151.3	-123.9	108.8
5.200	151.3	-122.1	110.7
5.300	151.3	-120.2	112.6
5.400	151.3	-118.3	114.4
5.500	151.3	-116.4	116.3
5.600	151.3	-114.4	118.3
5.700	151.3	-112.5	120.2
5.800	151.3	-110.7	122.1
5.900	151.3	-108.8	124.0
6.000	151.3	-106.9	117.2
6.000	151.3	-106.9	106.9
6.100	151.3	-124.0	108.8
6.200	151.3	-122.1	110.7
6.300	151.3	-120.2	112.5
6.400	151.3	-118.3	114.4
6.500	151.3	-116.4	116.3
6.600	151.3	-114.4	118.3
6.700	151.3	-112.6	120.2
6.800	151.3	-110.7	122.1
6.900	151.3	-108.8	123.9
7.000	151.3	-106.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-106.9	107.0
7.100	151.3	-123.9	108.8
7.200	151.3	-122.0	110.7
7.300	151.3	-120.2	112.6
7.400	151.3	-118.3	114.5
7.500	151.3	-116.4	116.3
7.600	151.3	-114.4	118.3
7.700	151.3	-112.5	120.2
7.800	151.3	-110.6	122.1
7.900	151.3	-108.8	124.0
8.000	151.3	-106.9	117.2
8.000	151.3	-106.9	106.8
8.100	151.3	-124.1	108.7
8.200	151.3	-122.2	110.5
8.300	151.3	-120.3	112.4
8.400	151.3	-118.4	114.3
8.500	151.3	-116.6	116.2
8.600	151.3	-114.6	118.2
8.700	151.3	-112.7	120.1
8.800	151.3	-110.8	121.9
8.900	151.3	-108.9	123.8
9.000	151.3	-107.1	117.1
9.000	151.3	-107.1	107.4
9.100	151.3	-123.4	109.3
9.200	151.3	-121.6	111.2
9.300	151.3	-119.7	113.1
9.400	151.3	-117.8	114.9
9.500	151.3	-115.9	116.8
9.600	151.3	-113.9	118.8
9.700	151.3	-112.0	120.7
9.800	151.3	-110.2	122.6
9.900	151.3	-108.3	124.4
10.000	151.3	-106.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-106.4	120.8
10.100	172.1	-142.0	122.7
10.200	172.1	-140.1	124.6
10.300	172.1	-138.2	126.5
10.400	172.1	-136.3	128.4
10.500	172.1	-134.4	130.3
10.600	172.1	-132.4	132.4
10.700	172.1	-130.5	134.3
10.800	172.1	-128.6	136.2
10.900	172.1	-126.7	138.1
11.000	172.1	-124.8	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	53.62	4.34	0.00	99.7
1.100	52.89	5.20	0.00	119.6
1.200	32.65	6.39	0.00	146.9
1.300	17.68	8.10	0.00	186.2
1.400	12.12	10.69	0.00	245.9
1.500	9.24	14.93	0.00	212.5
1.600	7.28	22.70	0.00	167.4
1.700	5.84	40.27	0.00	134.2
1.800	4.90	107.84	0.00	112.7
1.900	4.25	203.01	0.00	97.8
2.000	3.79	205.74	0.00	87.1
2.000	3.79	3.46	0.00	79.5
2.100	38.16	4.00	0.00	92.1
2.200	37.58	4.76	0.00	109.4
2.300	28.27	5.86	0.00	134.8
2.400	15.89	7.56	0.00	173.9
2.500	10.56	10.36	0.00	238.2
2.600	7.69	15.52	0.00	176.8
2.700	5.95	27.25	0.00	136.9
2.800	4.82	33.35	0.00	110.9
2.900	4.05	33.87	0.00	93.3
3.000	3.52	32.13	0.00	80.9
3.000	3.52	3.50	0.00	80.6
3.100	38.15	4.03	0.00	92.8
3.200	37.57	4.80	0.00	110.3
3.300	27.47	5.91	0.00	136.0
3.400	15.65	7.63	0.00	175.5
3.500	10.45	10.45	0.00	240.3
3.600	7.62	15.68	0.00	175.2
3.700	5.90	27.52	0.00	135.7
3.800	4.78	37.85	0.00	110.1
3.900	4.03	38.43	0.00	92.6
4.000	3.49	36.29	0.00	80.4

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.49	3.50	0.00	80.4
4.100	38.22	4.03	0.00	92.7
4.200	37.64	4.79	0.00	110.1
4.300	27.51	5.91	0.00	135.8
4.400	15.67	7.62	0.00	175.3
4.500	10.46	10.44	0.00	240.2
4.600	7.63	15.66	0.00	175.4
4.700	5.91	27.49	0.00	135.9
4.800	4.79	37.63	0.00	110.2
4.900	4.03	38.21	0.00	92.7
5.000	3.50	36.13	0.00	80.5
5.000	3.50	3.50	0.00	80.5
5.100	38.21	4.03	0.00	92.7
5.200	37.63	4.79	0.00	110.2
5.300	27.50	5.91	0.00	135.9
5.400	15.66	7.62	0.00	175.4
5.500	10.46	10.45	0.00	240.3
5.600	7.62	15.66	0.00	175.3
5.700	5.91	27.50	0.00	135.9
5.800	4.79	37.63	0.00	110.2
5.900	4.03	38.21	0.00	92.7
6.000	3.50	36.12	0.00	80.4
6.000	3.50	3.50	0.00	80.4
6.100	38.21	4.03	0.00	92.7
6.200	37.63	4.79	0.00	110.2
6.300	27.50	5.91	0.00	135.9
6.400	15.66	7.62	0.00	175.3
6.500	10.46	10.44	0.00	240.2
6.600	7.62	15.66	0.00	175.4
6.700	5.91	27.50	0.00	135.9
6.800	4.79	37.63	0.00	110.2
6.900	4.03	38.21	0.00	92.7
7.000	3.50	36.12	0.00	80.5

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.50	3.50	0.00	80.5
7.100	38.21	4.03	0.00	92.7
7.200	37.63	4.79	0.00	110.2
7.300	27.49	5.91	0.00	135.9
7.400	15.66	7.63	0.00	175.4
7.500	10.45	10.45	0.00	240.3
7.600	7.62	15.67	0.00	175.3
7.700	5.91	27.51	0.00	135.8
7.800	4.79	37.64	0.00	110.1
7.900	4.03	38.22	0.00	92.7
8.000	3.50	36.12	0.00	80.4
8.000	3.50	3.49	0.00	80.4
8.100	38.43	4.03	0.00	92.6
8.200	37.85	4.78	0.00	110.1
8.300	27.52	5.90	0.00	135.7
8.400	15.68	7.62	0.00	175.2
8.500	10.47	10.44	0.00	240.1
8.600	7.63	15.65	0.00	175.5
8.700	5.91	27.47	0.00	136.0
8.800	4.80	37.57	0.00	110.3
8.900	4.03	38.15	0.00	92.8
9.000	3.50	36.10	0.00	80.6
9.000	3.50	3.52	0.00	80.6
9.100	33.87	4.05	0.00	93.3
9.200	33.35	4.82	0.00	110.9
9.300	27.25	5.95	0.00	136.9
9.400	15.52	7.69	0.00	176.8
9.500	10.37	10.55	0.00	238.4
9.600	7.56	15.89	0.00	173.9
9.700	5.86	28.27	0.00	134.8
9.800	4.76	37.58	0.00	109.4
9.900	4.00	38.15	0.00	92.1
10.000	3.48	35.94	0.00	80.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.48	3.79	0.00	80.0
10.100	203.01	4.25	0.00	97.8
10.200	107.84	4.90	0.00	112.7
10.300	40.27	5.84	0.00	134.2
10.400	22.70	7.28	0.00	167.4
10.500	14.94	9.23	0.00	212.3
10.600	10.69	12.12	0.00	245.9
10.700	8.10	17.68	0.00	186.2
10.800	6.39	32.65	0.00	146.9
10.900	5.20	52.89	0.00	119.6
11.000	4.34	999.00	0.00	99.7

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
1.200	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
1.300	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.400	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
1.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.600	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
1.700	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
1.800	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
1.900	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
2.000	332.2	332.2	-332.2	-332.2	381.3	381.3	-283.1	-283.1
2.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
2.100	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
2.200	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
2.300	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
2.400	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
2.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
2.600	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
2.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
2.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
2.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9

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  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0


  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0
  3.100     279.4     279.4    -279.4    -279.4     294.9     294.9    -263.9    -2
63.9
  3.200     279.4     279.4    -279.4    -279.4     278.7     278.7    -280.1    -2
80.1
  3.300     279.4     279.4    -279.4    -279.4     267.1     267.1    -291.7    -2
91.7
  3.400     279.4     279.4    -279.4    -279.4     260.3     260.3    -298.5    -2
98.5
  3.500     279.4     279.4    -279.4    -279.4     258.1     258.1    -300.7    -3
00.7
  3.600     279.4     279.4    -279.4    -279.4     261.0     261.0    -297.8    -2
97.8
  3.700     279.4     279.4    -279.4    -279.4     268.5     268.5    -290.3    -2
90.3
  3.800     279.4     279.4    -279.4    -279.4     280.7     280.7    -278.1    -2
78.1
  3.900     279.4     279.4    -279.4    -279.4     297.6     297.6    -261.2    -2
61.2
  4.000     279.4     279.4    -279.4    -279.4     319.3     319.3    -239.5    -2
39.5
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SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
4.100	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
4.200	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
4.300	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
4.400	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
4.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
4.600	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
4.700	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
4.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
4.900	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.100	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
5.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
5.300	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
5.400	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
5.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
5.600	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
5.700	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
5.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
5.900	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5

6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.100	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5
6.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
6.300	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
6.400	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
6.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
6.600	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
6.700	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
6.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
6.900	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
7.100	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
7.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
7.300	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
7.400	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
7.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
7.600	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
7.700	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
7.800	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
7.900	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.100	279.4	279.4	-279.4	-279.4	297.6	297.6	-261.2	-261.2
8.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
8.300	279.4	279.4	-279.4	-279.4	268.5	268.5	-290.3	-290.3
8.400	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
8.500	279.4	279.4	-279.4	-279.4	258.1	258.1	-300.7	-300.7
8.600	279.4	279.4	-279.4	-279.4	260.3	260.3	-298.5	-298.5
8.700	279.4	279.4	-279.4	-279.4	267.1	267.1	-291.7	-291.7
8.800	279.4	279.4	-279.4	-279.4	278.7	278.7	-280.1	-280.1
8.900	279.4	279.4	-279.4	-279.4	294.9	294.9	-263.9	-263.9

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0
9.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
9.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
9.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
9.400	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
9.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
9.600	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
9.700	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
9.800	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
9.900	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
10.100	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
10.200	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
10.300	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
10.400	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
10.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.600	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
10.700	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.800	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
10.900	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.18	53.45	5.18	53.45	0.00	119.2
1.200	3.02	27.64	3.02	27.64	0.00	69.4
1.300	2.45	18.79	2.45	18.79	0.00	56.4
1.400	2.29	14.18	2.29	14.18	0.00	52.6
1.500	2.36	11.27	2.36	11.27	0.00	54.2
1.600	2.72	9.20	2.72	9.20	0.00	62.6
1.700	3.47	7.62	3.47	7.62	0.00	79.9
1.800	5.88	6.34	5.88	6.34	0.00	135.2
1.900	22.55	5.27	22.55	5.27	0.00	121.2
2.000	21.81	3.79	21.81	3.79	0.00	87.0
2.000	18.79	3.08	18.79	3.08	0.00	70.8
2.100	28.67	4.03	28.67	4.03	0.00	92.7
2.200	5.64	5.05	5.64	5.05	0.00	116.1
2.300	3.48	6.37	3.48	6.37	0.00	80.0
2.400	2.84	8.25	2.84	8.25	0.00	65.3
2.500	2.63	11.26	2.63	11.26	0.00	60.5
2.600	2.80	9.38	2.80	9.38	0.00	64.4
2.700	3.38	7.30	3.38	7.30	0.00	77.8
2.800	5.38	5.83	5.38	5.83	0.00	123.8
2.900	19.75	4.70	19.75	4.70	0.00	108.2
3.000	16.40	3.45	16.40	3.45	0.00	79.4
3.000	16.40	3.45	16.40	3.45	0.00	79.4
3.100	17.54	4.75	17.54	4.75	0.00	109.2
3.200	5.36	5.89	5.36	5.89	0.00	123.2
3.300	3.35	7.39	3.35	7.39	0.00	77.0
3.400	2.76	9.52	2.76	9.52	0.00	63.4
3.500	2.57	12.85	2.57	12.85	0.00	59.2
3.600	2.76	9.45	2.76	9.45	0.00	63.5
3.700	3.36	7.33	3.36	7.33	0.00	77.3
3.800	5.39	5.82	5.39	5.82	0.00	123.9
3.900	19.89	4.68	19.89	4.68	0.00	107.5
4.000	18.63	3.40	18.63	3.40	0.00	78.3

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.63	3.40	18.63	3.40	0.00	78.3
4.100	20.00	4.67	20.00	4.67	0.00	107.5
4.200	5.40	5.82	5.40	5.82	0.00	124.1
4.300	3.37	7.31	3.37	7.31	0.00	77.5
4.400	2.77	9.42	2.77	9.42	0.00	63.8
4.500	2.59	12.79	2.59	12.79	0.00	59.5
4.600	2.77	9.42	2.77	9.42	0.00	63.7
4.700	3.37	7.32	3.37	7.32	0.00	77.4
4.800	5.39	5.83	5.39	5.83	0.00	123.9
4.900	19.86	4.68	19.86	4.68	0.00	107.8
5.000	18.58	3.42	18.58	3.42	0.00	78.6
5.000	18.58	3.42	18.58	3.42	0.00	78.6
5.100	19.86	4.69	19.86	4.69	0.00	107.8
5.200	5.38	5.83	5.38	5.83	0.00	123.8
5.300	3.36	7.32	3.36	7.32	0.00	77.4
5.400	2.77	9.43	2.77	9.43	0.00	63.7
5.500	2.58	12.81	2.58	12.81	0.00	59.4
5.600	2.77	9.43	2.77	9.43	0.00	63.7
5.700	3.37	7.32	3.37	7.32	0.00	77.4
5.800	5.39	5.82	5.39	5.82	0.00	123.9
5.900	19.87	4.68	19.87	4.68	0.00	107.7
6.000	18.59	3.41	18.59	3.41	0.00	78.5
6.000	18.59	3.41	18.59	3.41	0.00	78.5
6.100	19.87	4.68	19.87	4.68	0.00	107.7
6.200	5.39	5.82	5.39	5.82	0.00	123.9
6.300	3.37	7.32	3.37	7.32	0.00	77.4
6.400	2.77	9.43	2.77	9.43	0.00	63.7
6.500	2.58	12.81	2.58	12.81	0.00	59.4
6.600	2.77	9.43	2.77	9.43	0.00	63.7
6.700	3.36	7.32	3.36	7.32	0.00	77.4
6.800	5.38	5.83	5.38	5.83	0.00	123.8
6.900	19.86	4.69	19.86	4.69	0.00	107.8
7.000	18.58	3.42	18.58	3.42	0.00	78.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.58	3.42	18.58	3.42	0.00	78.6
7.100	19.86	4.68	19.86	4.68	0.00	107.8
7.200	5.39	5.83	5.39	5.83	0.00	123.9
7.300	3.37	7.32	3.37	7.32	0.00	77.4
7.400	2.77	9.42	2.77	9.42	0.00	63.7
7.500	2.59	12.79	2.59	12.79	0.00	59.5
7.600	2.77	9.42	2.77	9.42	0.00	63.8
7.700	3.37	7.31	3.37	7.31	0.00	77.5
7.800	5.40	5.82	5.40	5.82	0.00	124.1
7.900	20.00	4.67	20.00	4.67	0.00	107.5
8.000	18.63	3.40	18.63	3.40	0.00	78.3
8.000	18.63	3.40	18.63	3.40	0.00	78.3
8.100	19.89	4.68	19.89	4.68	0.00	107.5
8.200	5.39	5.82	5.39	5.82	0.00	123.9
8.300	3.36	7.33	3.36	7.33	0.00	77.3
8.400	2.76	9.45	2.76	9.45	0.00	63.5
8.500	2.57	12.85	2.57	12.85	0.00	59.2
8.600	2.76	9.52	2.76	9.52	0.00	63.4
8.700	3.35	7.39	3.35	7.39	0.00	77.0
8.800	5.36	5.89	5.36	5.89	0.00	123.2
8.900	17.54	4.75	17.54	4.75	0.00	109.2
9.000	16.40	3.45	16.40	3.45	0.00	79.4
9.000	16.40	3.45	16.40	3.45	0.00	79.4
9.100	19.75	4.70	19.75	4.70	0.00	108.2
9.200	5.38	5.83	5.38	5.83	0.00	123.8
9.300	3.38	7.30	3.38	7.30	0.00	77.8
9.400	2.80	9.38	2.80	9.38	0.00	64.4
9.500	2.63	11.26	2.63	11.26	0.00	60.5
9.600	2.84	8.25	2.84	8.25	0.00	65.3
9.700	3.48	6.37	3.48	6.37	0.00	80.0
9.800	5.64	5.05	5.64	5.05	0.00	116.1
9.900	28.67	4.03	28.67	4.03	0.00	92.7
10.000	18.79	3.08	18.79	3.08	0.00	70.8

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 3F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	18.79	3.08	18.79	3.08	0.00	70.8
10.100	22.55	5.27	22.55	5.27	0.00	121.2
10.200	5.88	6.34	5.88	6.34	0.00	135.2
10.300	3.47	7.62	3.47	7.62	0.00	79.9
10.400	2.72	9.20	2.72	9.20	0.00	62.6
10.500	2.36	11.27	2.36	11.27	0.00	54.2
10.600	2.29	14.18	2.29	14.18	0.00	52.6
10.700	2.45	18.79	2.45	18.79	0.00	56.4
10.800	3.02	27.64	3.02	27.64	0.00	69.4
10.900	5.18	53.45	5.18	53.45	0.00	119.2
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	62.26	R	0.00	47.89	0.00
1.200	2.8	25.8	100.96	R	0.00	77.66	0.00
1.300	3.5	32.2	126.12	R	0.00	97.01	0.00
1.400	3.7	34.4	137.69	R	0.00	105.92	0.00
1.500	3.5	32.2	133.85	L	0.00	102.96	0.00
1.600	2.8	25.4	119.88	L	0.00	92.22	0.00
1.700	1.7	14.4	93.34	L	0.00	71.80	0.00
1.800	0.1	-1.0	-56.55	R	0.00	-43.50	0.00
1.900	-2.0	-20.7	-63.62	R	0.00	-48.94	0.00
2.000	-4.5	-44.7	-90.16	R	0.00	-69.35	0.00
2.000	-4.5	-44.7	-90.16	R	0.00	-69.35	0.00
2.100	-2.6	-24.0	-67.84	L	0.00	-52.18	0.00
2.200	-1.0	-7.7	-57.99	L	0.00	-44.60	0.00
2.300	0.1	4.3	81.20	R	0.00	62.46	0.00
2.400	0.8	12.0	100.69	R	0.00	77.45	0.00
2.500	1.2	15.5	104.34	R	0.00	80.26	0.00
2.600	1.1	14.3	101.08	L	0.00	77.76	0.00
2.700	0.7	8.8	81.93	L	0.00	63.03	0.00
2.800	-0.1	-1.0	-51.71	R	0.00	-39.77	0.00
2.900	-1.3	-15.1	-60.54	R	0.00	-46.57	0.00
3.000	-2.9	-33.5	-83.21	L	0.00	-64.01	0.00
3.000	-2.9	-33.5	-83.21	L	0.00	-64.01	0.00
3.100	-1.2	-14.3	-60.20	L	0.00	-46.31	0.00
3.200	0.1	0.6	-51.46	L	0.00	-39.59	0.00
3.300	1.0	11.2	82.00	R	0.00	63.08	0.00
3.400	1.6	17.5	101.33	R	0.00	77.94	0.00
3.500	1.7	19.5	104.77	L	0.00	80.59	0.00
3.600	1.5	16.9	101.35	L	0.00	77.96	0.00
3.700	0.9	10.0	82.05	L	0.00	63.12	0.00
3.800	-0.1	-1.2	-51.70	R	0.00	-39.77	0.00
3.900	-1.5	-16.7	-60.49	R	0.00	-46.53	0.00
4.000	-3.3	-36.5	-83.16	L	0.00	-63.97	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-36.5	-83.16	L	0.00	-63.97	0.00
4.100	-1.6	-16.9	-60.46	L	0.00	-46.51	0.00
4.200	-0.2	-1.6	-51.68	L	0.00	-39.76	0.00
4.300	0.8	9.4	82.06	R	0.00	63.12	0.00
4.400	1.4	16.1	101.37	R	0.00	77.98	0.00
4.500	1.6	18.5	104.80	L	0.00	80.62	0.00
4.600	1.4	16.2	101.37	L	0.00	77.98	0.00
4.700	0.8	9.7	82.06	L	0.00	63.12	0.00
4.800	-0.1	-1.1	-51.70	R	0.00	-39.77	0.00
4.900	-1.5	-16.3	-60.48	R	0.00	-46.53	0.00
5.000	-3.2	-35.7	-83.16	L	0.00	-63.97	0.00
5.000	-3.2	-35.7	-83.16	L	0.00	-63.97	0.00
5.100	-1.5	-16.2	-60.48	L	0.00	-46.53	0.00
5.200	-0.1	-1.0	-51.70	L	0.00	-39.77	0.00
5.300	0.9	9.9	82.06	R	0.00	63.12	0.00
5.400	1.4	16.4	101.37	R	0.00	77.98	0.00
5.500	1.6	18.7	104.80	R	0.00	80.62	0.00
5.600	1.4	16.4	101.37	L	0.00	77.98	0.00
5.700	0.8	9.7	82.06	L	0.00	63.12	0.00
5.800	-0.1	-1.2	-51.70	R	0.00	-39.77	0.00
5.900	-1.5	-16.4	-60.48	R	0.00	-46.53	0.00
6.000	-3.3	-36.0	-83.16	R	0.00	-63.97	0.00
6.000	-3.3	-36.0	-83.16	R	0.00	-63.97	0.00
6.100	-1.5	-16.4	-60.48	L	0.00	-46.53	0.00
6.200	-0.1	-1.2	-51.70	L	0.00	-39.77	0.00
6.300	0.8	9.7	82.06	R	0.00	63.13	0.00
6.400	1.4	16.4	101.37	R	0.00	77.98	0.00
6.500	1.6	18.7	104.80	R	0.00	80.62	0.00
6.600	1.4	16.4	101.37	L	0.00	77.98	0.00
6.700	0.9	9.9	82.06	L	0.00	63.12	0.00
6.800	-0.1	-1.0	-51.70	R	0.00	-39.77	0.00
6.900	-1.5	-16.2	-60.48	R	0.00	-46.53	0.00
7.000	-3.2	-35.7	-83.16	R	0.00	-63.97	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	-3.2	-35.7	-83.16	R	0.00	-63.97	0.00
7.100	-1.5	-16.3	-60.48	L	0.00	-46.53	0.00
7.200	-0.1	-1.1	-51.70	L	0.00	-39.77	0.00
7.300	0.8	9.7	82.06	R	0.00	63.12	0.00
7.400	1.4	16.2	101.37	R	0.00	77.98	0.00
7.500	1.6	18.5	104.80	R	0.00	80.62	0.00
7.600	1.4	16.1	101.37	L	0.00	77.98	0.00
7.700	0.8	9.4	82.06	L	0.00	63.12	0.00
7.800	-0.2	-1.6	-51.68	R	0.00	-39.76	0.00
7.900	-1.6	-16.9	-60.46	R	0.00	-46.51	0.00
8.000	-3.3	-36.5	-83.16	R	0.00	-63.97	0.00
8.000	-3.3	-36.5	-83.16	R	0.00	-63.97	0.00
8.100	-1.5	-16.7	-60.49	L	0.00	-46.53	0.00
8.200	-0.1	-1.2	-51.70	L	0.00	-39.77	0.00
8.300	0.9	10.0	82.05	R	0.00	63.12	0.00
8.400	1.5	16.9	101.35	R	0.00	77.96	0.00
8.500	1.7	19.5	104.77	R	0.00	80.59	0.00
8.600	1.6	17.5	101.32	L	0.00	77.94	0.00
8.700	1.0	11.2	82.00	L	0.00	63.08	0.00
8.800	0.1	0.6	-51.46	R	0.00	-39.59	0.00
8.900	-1.2	-14.3	-60.20	R	0.00	-46.31	0.00
9.000	-2.9	-33.5	-83.21	R	0.00	-64.01	0.00
9.000	-2.9	-33.5	-83.21	R	0.00	-64.01	0.00
9.100	-1.3	-15.1	-60.54	L	0.00	-46.57	0.00
9.200	-0.1	-1.0	-51.71	L	0.00	-39.77	0.00
9.300	0.7	8.8	81.93	R	0.00	63.03	0.00
9.400	1.1	14.3	101.08	R	0.00	77.76	0.00
9.500	1.2	15.5	104.34	L	0.00	80.26	0.00
9.600	0.8	12.0	100.69	L	0.00	77.45	0.00
9.700	0.1	4.3	81.20	L	0.00	62.46	0.00
9.800	-1.0	-7.7	-57.99	R	0.00	-44.60	0.00
9.900	-2.6	-24.0	-67.84	R	0.00	-52.18	0.00
10.000	-4.5	-44.7	-90.16	L	0.00	-69.35	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-44.7	-90.16	L	0.00	-69.35	0.00
10.100	-2.0	-20.7	-63.62	L	0.00	-48.94	0.00
10.200	0.1	-1.0	-56.55	L	0.00	-43.50	0.00
10.300	1.7	14.4	93.34	R	0.00	71.80	0.00
10.400	2.8	25.4	119.88	R	0.00	92.22	0.00
10.500	3.5	32.2	133.85	R	0.00	102.96	0.00
10.600	3.7	34.4	137.69	L	0.00	105.92	0.00
10.700	3.5	32.2	126.12	L	0.00	97.01	0.00
10.800	2.8	25.8	100.96	L	0.00	77.66	0.00
10.900	1.6	15.0	62.26	L	0.00	47.89	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
1.200	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
1.300	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.400	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
1.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.600	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
1.700	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
1.800	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
1.900	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
2.000	359.7C	319.4	-319.4	-359.7C	408.8	368.6	-270.3	-310.6
2.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5
2.100	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
2.200	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
2.300	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
2.400	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
2.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
2.600	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
2.700	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
2.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
2.900	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2

3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.100	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1
3.200	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
3.400	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
3.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
3.600	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
3.700	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
3.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
3.900	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
4.100	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
4.200	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
4.300	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
4.400	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
4.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
4.600	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
4.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
4.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
4.900	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.100	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
5.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
5.300	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
5.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
5.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
5.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
5.900	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4
6.100	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7
6.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
6.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
6.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
6.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.700	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
6.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
6.900	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
7.100	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
7.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
7.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
7.400	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
7.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
7.600	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
7.700	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
7.800	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
7.900	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.100	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
8.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
8.300	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
8.400	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
8.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
8.600	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
8.700	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
8.800	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
9.100	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2
9.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
9.300	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
9.400	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
9.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
9.600	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
9.700	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
9.800	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
9.900	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
10.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	408.8	317.8	-219.5	-310.6
10.100	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
10.200	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
10.300	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
10.400	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
10.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.600	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
10.700	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.800	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
10.900	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.51	47.55	4.86	53.24	0.00	131.3
1.200	3.28	24.61	2.88	27.46	0.00	77.8
1.300	2.57	16.75	2.25	18.65	0.00	60.7
1.400	2.34	12.64	2.04	14.07	0.00	55.2
1.500	2.42	10.05	2.12	11.19	0.00	57.2
1.600	2.77	8.20	2.43	9.15	0.00	65.6
1.700	3.68	6.78	3.25	7.59	0.00	87.8
1.800	6.81	5.63	6.05	6.34	0.00	152.1
1.900	22.75	4.66	20.36	5.30	0.00	126.0
2.000	21.58	3.00	19.46	3.44	0.00	80.9
2.000	18.47	2.43	16.78	2.79	0.00	65.7
2.100	32.84	3.57	29.63	4.04	0.00	96.3
2.200	6.57	4.48	5.89	5.03	0.00	121.0
2.300	3.65	5.67	3.25	6.34	0.00	87.9
2.400	2.86	7.35	2.54	8.19	0.00	68.6
2.500	2.72	10.03	2.41	11.16	0.00	65.2
2.600	2.82	8.34	2.51	9.28	0.00	67.6
2.700	3.55	6.49	3.16	7.23	0.00	85.4
2.800	6.29	5.17	5.62	5.79	0.00	139.7
2.900	19.83	4.17	17.83	4.69	0.00	112.5
3.000	16.19	2.79	14.66	3.17	0.00	75.3
3.000	16.19	2.79	14.66	3.17	0.00	75.3
3.100	17.57	4.20	15.80	4.74	0.00	113.5
3.200	6.26	5.23	5.59	5.86	0.00	141.3
3.300	3.52	6.58	3.13	7.32	0.00	84.4
3.400	2.78	8.47	2.46	9.41	0.00	66.5
3.500	2.67	11.44	2.36	12.70	0.00	63.7
3.600	2.78	8.41	2.47	9.35	0.00	66.7
3.700	3.53	6.51	3.14	7.26	0.00	84.8
3.800	6.29	5.17	5.62	5.79	0.00	139.6
3.900	19.96	4.14	17.96	4.67	0.00	111.8
4.000	18.34	2.75	16.62	3.14	0.00	74.3

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	18.34	2.75	16.62	3.14	0.00	74.3
4.100	20.07	4.14	18.06	4.67	0.00	111.7
4.200	6.30	5.16	5.64	5.78	0.00	139.4
4.300	3.54	6.50	3.15	7.24	0.00	85.1
4.400	2.79	8.38	2.48	9.32	0.00	66.9
4.500	2.68	11.39	2.37	12.65	0.00	64.1
4.600	2.79	8.39	2.48	9.32	0.00	66.9
4.700	3.54	6.51	3.15	7.25	0.00	84.9
4.800	6.29	5.17	5.62	5.79	0.00	139.6
4.900	19.93	4.15	17.93	4.68	0.00	112.0
5.000	18.30	2.76	16.57	3.15	0.00	74.6
5.000	18.30	2.76	16.57	3.15	0.00	74.6
5.100	19.93	4.15	17.93	4.68	0.00	112.0
5.200	6.29	5.17	5.62	5.79	0.00	139.7
5.300	3.53	6.51	3.14	7.25	0.00	84.9
5.400	2.79	8.39	2.47	9.33	0.00	66.8
5.500	2.67	11.40	2.37	12.66	0.00	64.0
5.600	2.79	8.39	2.47	9.33	0.00	66.8
5.700	3.54	6.51	3.14	7.25	0.00	84.9
5.800	6.29	5.17	5.62	5.79	0.00	139.6
5.900	19.94	4.14	17.94	4.67	0.00	111.9
6.000	18.31	2.76	16.59	3.14	0.00	74.5
6.000	18.31	2.76	16.59	3.14	0.00	74.5
6.100	19.94	4.14	17.94	4.67	0.00	111.9
6.200	6.29	5.17	5.62	5.79	0.00	139.6
6.300	3.54	6.51	3.14	7.25	0.00	84.9
6.400	2.79	8.39	2.47	9.33	0.00	66.8
6.500	2.67	11.40	2.37	12.66	0.00	64.0
6.600	2.79	8.39	2.47	9.33	0.00	66.8
6.700	3.53	6.51	3.14	7.26	0.00	84.9
6.800	6.29	5.17	5.62	5.79	0.00	139.7
6.900	19.93	4.15	17.93	4.68	0.00	112.0
7.000	18.30	2.76	16.57	3.15	0.00	74.6

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	18.30	2.76	16.57	3.15	0.00	74.6
7.100	19.93	4.15	17.93	4.68	0.00	112.0
7.200	6.29	5.17	5.62	5.79	0.00	139.6
7.300	3.54	6.51	3.15	7.25	0.00	84.9
7.400	2.79	8.39	2.48	9.32	0.00	66.9
7.500	2.68	11.39	2.37	12.65	0.00	64.1
7.600	2.79	8.38	2.48	9.32	0.00	66.9
7.700	3.54	6.50	3.15	7.24	0.00	85.1
7.800	6.30	5.16	5.64	5.78	0.00	139.4
7.900	20.07	4.14	18.06	4.67	0.00	111.7
8.000	18.34	2.75	16.62	3.14	0.00	74.3
8.000	18.34	2.75	16.62	3.14	0.00	74.3
8.100	19.96	4.14	17.96	4.67	0.00	111.8
8.200	6.29	5.17	5.62	5.79	0.00	139.6
8.300	3.53	6.51	3.14	7.26	0.00	84.8
8.400	2.78	8.41	2.47	9.35	0.00	66.7
8.500	2.67	11.44	2.36	12.70	0.00	63.7
8.600	2.78	8.47	2.46	9.41	0.00	66.5
8.700	3.52	6.58	3.13	7.32	0.00	84.4
8.800	6.26	5.23	5.59	5.86	0.00	141.3
8.900	17.57	4.20	15.80	4.74	0.00	113.5
9.000	16.19	2.79	14.66	3.17	0.00	75.3
9.000	16.19	2.79	14.66	3.17	0.00	75.3
9.100	19.83	4.17	17.83	4.69	0.00	112.5
9.200	6.29	5.17	5.62	5.79	0.00	139.7
9.300	3.55	6.49	3.16	7.23	0.00	85.4
9.400	2.82	8.34	2.51	9.28	0.00	67.6
9.500	2.72	10.03	2.41	11.16	0.00	65.2
9.600	2.86	7.35	2.54	8.19	0.00	68.6
9.700	3.65	5.67	3.25	6.34	0.00	87.9
9.800	6.57	4.48	5.89	5.03	0.00	121.0
9.900	32.84	3.57	29.63	4.04	0.00	96.3
10.000	18.47	2.43	16.78	2.79	0.00	65.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	21.58	2.43	16.78	3.44	0.00	65.7
10.100	22.75	4.66	20.36	5.30	0.00	126.0
10.200	6.81	5.63	6.05	6.34	0.00	152.1
10.300	3.68	6.78	3.25	7.59	0.00	87.8
10.400	2.77	8.20	2.43	9.15	0.00	65.6
10.500	2.42	10.05	2.12	11.19	0.00	57.2
10.600	2.34	12.64	2.04	14.07	0.00	55.2
10.700	2.57	16.75	2.25	18.65	0.00	60.7
10.800	3.28	24.61	2.88	27.46	0.00	77.8
10.900	5.51	47.54	4.86	53.24	0.00	131.3
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	29.87	0.00	22.97	0.00
1.100	0.6	5.2	24.90	0.00	19.16	0.00
1.200	0.4	3.4	20.19	0.00	15.53	0.00
1.300	0.2	1.7	15.89	0.00	12.22	0.00
1.400	0.0	-0.1	11.80	0.00	9.08	0.00
1.500	-0.2	-1.8	-14.21	0.00	-10.93	0.00
1.600	-0.4	-3.6	-18.09	0.00	-13.92	0.00
1.700	-0.5	-5.3	-22.18	0.00	-17.06	0.00
1.800	-0.7	-7.0	-26.13	0.00	-20.10	0.00
1.900	-0.9	-8.7	-30.41	0.00	-23.39	0.00
2.000	-1.1	-10.4	-34.28	0.00	-26.37	0.00
2.000	0.8	-10.4	32.52	0.00	25.01	0.00
2.100	0.7	7.4	28.06	0.00	21.59	0.00
2.200	0.5	5.7	23.81	0.00	18.32	0.00
2.300	0.4	4.0	19.55	0.00	15.04	0.00
2.400	0.2	2.2	15.06	0.00	11.58	0.00
2.500	0.1	0.5	10.46	0.00	8.04	0.00
2.600	-0.1	-1.3	-14.93	0.00	-11.48	0.00
2.700	-0.2	-3.1	-19.42	0.00	-14.94	0.00
2.800	-0.4	-4.8	-23.67	0.00	-18.20	0.00
2.900	-0.6	-6.5	-27.94	0.00	-21.49	0.00
3.000	-0.7	-8.2	-32.28	0.00	-24.83	0.00
3.000	0.8	8.6	32.33	0.00	24.87	0.00
3.100	0.6	6.8	28.00	0.00	21.54	0.00
3.200	0.5	5.1	23.72	0.00	18.24	0.00
3.300	0.3	3.4	19.48	0.00	14.99	0.00
3.400	0.1	1.7	15.00	0.00	11.54	0.00
3.500	0.0	-0.1	10.40	0.00	8.00	0.00
3.600	-0.2	-1.9	-14.99	0.00	-11.53	0.00
3.700	-0.3	-3.6	-19.48	0.00	-14.98	0.00
3.800	-0.5	-5.3	-23.71	0.00	-18.24	0.00
3.900	-0.6	-7.1	-27.99	0.00	-21.53	0.00
4.000	-0.8	-8.8	-32.32	0.00	-24.86	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	32.33	0.00	24.87	0.00
4.100	0.6	7.0	28.00	0.00	21.54	0.00
4.200	0.5	5.3	23.71	0.00	18.24	0.00
4.300	0.3	3.5	19.48	0.00	14.98	0.00
4.400	0.2	1.8	14.99	0.00	11.53	0.00
4.500	0.0	0.1	10.40	0.00	8.00	0.00
4.600	-0.2	-1.8	-14.99	0.00	-11.53	0.00
4.700	-0.3	-3.5	-19.48	0.00	-14.98	0.00
4.800	-0.5	-5.2	-23.71	0.00	-18.24	0.00
4.900	-0.6	-6.9	-28.00	0.00	-21.53	0.00
5.000	-0.8	-8.6	-32.33	0.00	-24.87	0.00
5.000	0.8	8.6	32.33	0.00	24.87	0.00
5.100	0.6	6.9	28.00	0.00	21.54	0.00
5.200	0.5	5.2	23.71	0.00	18.24	0.00
5.300	0.3	3.5	19.48	0.00	14.98	0.00
5.400	0.2	1.8	14.99	0.00	11.53	0.00
5.500	0.0	0.1	10.39	0.00	8.00	0.00
5.600	-0.2	-1.8	-14.99	0.00	-11.53	0.00
5.700	-0.3	-3.5	-19.48	0.00	-14.98	0.00
5.800	-0.5	-5.2	-23.71	0.00	-18.24	0.00
5.900	-0.6	-7.0	-28.00	0.00	-21.54	0.00
6.000	-0.8	-8.7	-32.33	0.00	-24.87	0.00
6.000	0.8	8.7	32.33	0.00	24.87	0.00
6.100	0.6	7.0	28.00	0.00	21.54	0.00
6.200	0.5	5.2	23.71	0.00	18.24	0.00
6.300	0.3	3.5	19.48	0.00	14.98	0.00
6.400	0.2	1.8	14.99	0.00	11.53	0.00
6.500	0.0	0.1	10.39	0.00	8.00	0.00
6.600	-0.2	-1.8	-14.99	0.00	-11.53	0.00
6.700	-0.3	-3.5	-19.48	0.00	-14.98	0.00
6.800	-0.5	-5.2	-23.71	0.00	-18.24	0.00
6.900	-0.6	-6.9	-28.00	0.00	-21.54	0.00
7.000	-0.8	-8.6	-32.33	0.00	-24.87	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	32.32	0.00	24.87	0.00
7.100	0.6	6.9	28.00	0.00	21.53	0.00
7.200	0.5	5.2	23.71	0.00	18.24	0.00
7.300	0.3	3.5	19.48	0.00	14.98	0.00
7.400	0.2	1.8	14.99	0.00	11.53	0.00
7.500	0.0	0.1	-10.40	0.00	8.00	0.00
7.600	-0.2	-1.8	-14.99	0.00	-11.53	0.00
7.700	-0.3	-3.5	-19.48	0.00	-14.98	0.00
7.800	-0.5	-5.3	-23.71	0.00	-18.24	0.00
7.900	-0.6	-7.0	-28.00	0.00	-21.54	0.00
8.000	-0.8	-8.7	-32.33	0.00	-24.87	0.00
8.000	0.8	8.8	32.32	0.00	24.86	0.00
8.100	0.6	7.1	27.99	0.00	21.53	0.00
8.200	0.5	5.3	23.71	0.00	18.24	0.00
8.300	0.3	3.6	19.48	0.00	14.98	0.00
8.400	0.2	1.9	14.99	0.00	11.53	0.00
8.500	0.0	0.2	-10.40	0.00	-8.00	0.00
8.600	-0.1	-1.7	-15.00	0.00	-11.54	0.00
8.700	-0.3	-3.4	-19.48	0.00	-14.99	0.00
8.800	-0.5	-5.1	-23.72	0.00	-18.24	0.00
8.900	-0.6	-6.8	-28.00	0.00	-21.54	0.00
9.000	-0.8	-8.6	-32.33	0.00	-24.87	0.00
9.000	0.7	-8.6	32.28	0.00	24.83	0.00
9.100	0.6	6.5	27.94	0.00	21.49	0.00
9.200	0.4	4.8	23.67	0.00	18.20	0.00
9.300	0.2	3.1	19.42	0.00	14.94	0.00
9.400	0.1	1.3	14.93	0.00	11.48	0.00
9.500	-0.1	-0.4	-10.46	0.00	-8.04	0.00
9.600	-0.2	-2.2	-15.06	0.00	-11.58	0.00
9.700	-0.4	-4.0	-19.55	0.00	-15.04	0.00
9.800	-0.5	-5.7	-23.81	0.00	-18.32	0.00
9.900	-0.7	-7.4	-28.06	0.00	-21.59	0.00
10.000	-0.8	-9.1	-32.38	0.00	-24.91	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	34.28	0.00	26.37	0.00
10.100	0.9	8.7	30.41	0.00	23.39	0.00
10.200	0.7	7.0	26.13	0.00	20.10	0.00
10.300	0.5	5.3	22.18	0.00	17.06	0.00
10.400	0.4	3.6	18.09	0.00	13.92	0.00
10.500	0.2	1.9	14.21	0.00	10.93	0.00
10.600	0.0	0.1	-12.28	0.00	-9.44	0.00
10.700	-0.2	-1.7	-15.89	0.00	-12.22	0.00
10.800	-0.4	-3.4	-20.19	0.00	-15.53	0.00
10.900	-0.6	-5.2	-24.90	0.00	-19.16	0.00
11.000	-0.7	-6.9	-29.87	0.00	-22.97	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-140.0	124.8
1.100	172.1	-138.1	126.7
1.200	172.1	-136.2	128.6
1.300	172.1	-134.3	130.5
1.400	172.1	-132.4	132.4
1.500	172.1	-130.5	134.3
1.600	172.1	-128.4	136.3
1.700	172.1	-126.5	138.2
1.800	172.1	-124.6	140.1
1.900	172.1	-122.7	142.0
2.000	172.1	-120.8	143.9
2.000	151.3	-120.8	106.4
2.100	151.3	-124.4	108.3
2.200	151.3	-122.6	110.2
2.300	151.3	-120.7	112.0
2.400	151.3	-118.8	113.9
2.500	151.3	-116.9	115.8
2.600	151.3	-114.9	117.8
2.700	151.3	-113.1	119.7
2.800	151.3	-111.2	121.6
2.900	151.3	-109.3	123.4
3.000	151.3	-107.4	117.1
3.000	151.3	-107.4	107.1
3.100	151.3	-123.8	108.9
3.200	151.3	-121.9	110.8
3.300	151.3	-120.1	112.7
3.400	151.3	-118.2	114.6
3.500	151.3	-116.3	116.4
3.600	151.3	-114.3	118.4
3.700	151.3	-112.4	120.3
3.800	151.3	-110.5	122.2
3.900	151.3	-108.7	124.1
4.000	151.3	-106.8	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-106.8	106.9
4.100	151.3	-124.0	108.8
4.200	151.3	-122.1	110.6
4.300	151.3	-120.2	112.5
4.400	151.3	-118.3	114.4
4.500	151.3	-116.5	116.3
4.600	151.3	-114.5	118.3
4.700	151.3	-112.6	120.2
4.800	151.3	-110.7	122.0
4.900	151.3	-108.8	123.9
5.000	151.3	-107.0	117.1
5.000	151.3	-107.0	106.9
5.100	151.3	-123.9	108.8
5.200	151.3	-122.1	110.7
5.300	151.3	-120.2	112.6
5.400	151.3	-118.3	114.4
5.500	151.3	-116.4	116.3
5.600	151.3	-114.4	118.3
5.700	151.3	-112.5	120.2
5.800	151.3	-110.7	122.1
5.900	151.3	-108.8	124.0
6.000	151.3	-106.9	117.2
6.000	151.3	-106.9	106.9
6.100	151.3	-124.0	108.8
6.200	151.3	-122.1	110.7
6.300	151.3	-120.2	112.5
6.400	151.3	-118.3	114.4
6.500	151.3	-116.4	116.3
6.600	151.3	-114.4	118.3
6.700	151.3	-112.6	120.2
6.800	151.3	-110.7	122.1
6.900	151.3	-108.8	123.9
7.000	151.3	-106.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-106.9	107.0
7.100	151.3	-123.9	108.8
7.200	151.3	-122.0	110.7
7.300	151.3	-120.2	112.6
7.400	151.3	-118.3	114.5
7.500	151.3	-116.4	116.3
7.600	151.3	-114.4	118.3
7.700	151.3	-112.5	120.2
7.800	151.3	-110.6	122.1
7.900	151.3	-108.8	124.0
8.000	151.3	-106.9	117.2
8.000	151.3	-106.9	106.8
8.100	151.3	-124.1	108.7
8.200	151.3	-122.2	110.5
8.300	151.3	-120.3	112.4
8.400	151.3	-118.4	114.3
8.500	151.3	-116.6	116.2
8.600	151.3	-114.6	118.2
8.700	151.3	-112.7	120.1
8.800	151.3	-110.8	121.9
8.900	151.3	-108.9	123.8
9.000	151.3	-107.1	117.1
9.000	151.3	-107.1	107.4
9.100	151.3	-123.4	109.3
9.200	151.3	-121.6	111.2
9.300	151.3	-119.7	113.1
9.400	151.3	-117.8	114.9
9.500	151.3	-115.9	116.8
9.600	151.3	-113.9	118.8
9.700	151.3	-112.0	120.7
9.800	151.3	-110.2	122.6
9.900	151.3	-108.3	124.4
10.000	151.3	-106.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-106.4	120.8
10.100	172.1	-142.0	122.7
10.200	172.1	-140.1	124.6
10.300	172.1	-138.2	126.5
10.400	172.1	-136.3	128.4
10.500	172.1	-134.4	130.3
10.600	172.1	-132.4	132.4
10.700	172.1	-130.5	134.3
10.800	172.1	-128.6	136.2
10.900	172.1	-126.7	138.1
11.000	172.1	-124.8	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	49.69	4.18	0.00	112.8
1.100	49.02	5.09	0.00	137.3
1.200	39.65	6.37	0.00	171.9
1.300	21.47	8.21	0.00	221.7
1.400	13.05	11.22	0.00	302.9
1.500	9.18	16.31	0.00	248.0
1.600	7.10	26.58	0.00	191.7
1.700	5.71	54.90	0.00	154.1
1.800	4.77	185.62	0.00	128.8
1.900	4.04	188.14	0.00	109.0
2.000	3.52	190.66	0.00	95.2
2.000	3.52	3.27	0.00	88.4
2.100	35.36	3.86	0.00	104.2
2.200	34.83	4.63	0.00	124.9
2.300	34.29	5.73	0.00	154.7
2.400	18.78	7.57	0.00	204.3
2.500	11.33	11.07	0.00	299.0
2.600	7.70	18.15	0.00	207.9
2.700	5.82	30.49	0.00	157.2
2.800	4.70	30.97	0.00	126.8
2.900	3.91	31.33	0.00	105.6
3.000	3.33	29.72	0.00	89.9
3.000	3.33	3.31	0.00	89.4
3.100	35.36	3.89	0.00	105.0
3.200	34.82	4.67	0.00	126.2
3.300	34.28	5.78	0.00	156.2
3.400	18.29	7.64	0.00	206.2
3.500	11.19	11.20	0.00	302.2
3.600	7.62	18.32	0.00	205.9
3.700	5.77	34.54	0.00	155.9
3.800	4.66	35.08	0.00	125.9
3.900	3.88	35.48	0.00	104.8
4.000	3.30	33.51	0.00	89.2

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.30	3.31	0.00	89.2
4.100	35.42	3.88	0.00	104.9
4.200	34.88	4.67	0.00	126.0
4.300	34.35	5.78	0.00	156.0
4.400	18.31	7.63	0.00	206.0
4.500	11.20	11.19	0.00	302.0
4.600	7.63	18.30	0.00	206.1
4.700	5.78	34.34	0.00	156.1
4.800	4.67	34.87	0.00	126.1
4.900	3.89	35.28	0.00	105.0
5.000	3.31	33.36	0.00	89.3
5.000	3.31	3.31	0.00	89.3
5.100	35.41	3.89	0.00	104.9
5.200	34.87	4.67	0.00	126.0
5.300	34.33	5.78	0.00	156.0
5.400	18.31	7.63	0.00	206.1
5.500	11.20	11.19	0.00	302.1
5.600	7.63	18.31	0.00	206.0
5.700	5.78	34.34	0.00	156.0
5.800	4.67	34.88	0.00	126.0
5.900	3.89	35.28	0.00	104.9
6.000	3.31	33.35	0.00	89.3
6.000	3.31	3.31	0.00	89.3
6.100	35.41	3.89	0.00	104.9
6.200	34.88	4.67	0.00	126.0
6.300	34.34	5.78	0.00	156.0
6.400	18.31	7.63	0.00	206.0
6.500	11.20	11.19	0.00	302.1
6.600	7.63	18.31	0.00	206.1
6.700	5.78	34.33	0.00	156.0
6.800	4.67	34.87	0.00	126.0
6.900	3.89	35.28	0.00	104.9
7.000	3.31	33.35	0.00	89.3

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.31	3.31	0.00	89.3
7.100	35.41	3.89	0.00	105.0
7.200	34.88	4.67	0.00	126.1
7.300	34.34	5.78	0.00	156.1
7.400	18.30	7.63	0.00	206.1
7.500	11.20	11.19	0.00	302.2
7.600	7.63	18.31	0.00	206.0
7.700	5.78	34.35	0.00	156.0
7.800	4.67	34.88	0.00	126.0
7.900	3.88	35.29	0.00	104.9
8.000	3.31	33.35	0.00	89.3
8.000	3.31	3.30	0.00	89.2
8.100	35.61	3.88	0.00	104.8
8.200	35.08	4.66	0.00	125.9
8.300	34.54	5.77	0.00	155.9
8.400	18.32	7.62	0.00	205.9
8.500	11.21	11.18	0.00	301.9
8.600	7.64	18.29	0.00	206.2
8.700	5.78	34.28	0.00	156.2
8.800	4.67	34.82	0.00	126.2
8.900	3.89	35.23	0.00	105.0
9.000	3.31	33.33	0.00	89.4
9.000	3.31	3.33	0.00	89.4
9.100	31.44	3.91	0.00	105.6
9.200	30.97	4.70	0.00	126.8
9.300	30.49	5.82	0.00	157.2
9.400	18.15	7.70	0.00	207.9
9.500	11.09	11.32	0.00	299.4
9.600	7.57	18.78	0.00	204.3
9.700	5.73	34.29	0.00	154.7
9.800	4.63	34.83	0.00	124.9
9.900	3.86	35.23	0.00	104.2
10.000	3.29	33.18	0.00	88.7

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.29	3.52	0.00	88.7
10.100	188.14	4.04	0.00	109.0
10.200	185.62	4.77	0.00	128.8
10.300	54.90	5.71	0.00	154.1
10.400	26.58	7.10	0.00	191.7
10.500	16.33	9.18	0.00	247.7
10.600	10.78	13.05	0.00	291.1
10.700	8.21	21.47	0.00	221.7
10.800	6.37	39.65	0.00	171.9
10.900	5.09	49.02	0.00	137.3
11.000	4.18	999.00	0.00	112.8

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
1.200	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
1.300	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.400	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
1.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.600	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
1.700	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
1.800	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
1.900	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
2.000	332.2	332.2	-332.2	-332.2	381.3	381.3	-283.1	-283.1
2.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
2.100	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
2.200	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
2.300	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
2.400	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
2.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
2.600	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
2.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
2.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
2.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9

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  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0


  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0
  3.100     279.4     279.4    -279.4    -279.4     294.9     294.9    -263.9    -2
63.9
  3.200     279.4     279.4    -279.4    -279.4     278.7     278.7    -280.1    -2
80.1
  3.300     279.4     279.4    -279.4    -279.4     267.1     267.1    -291.7    -2
91.7
  3.400     279.4     279.4    -279.4    -279.4     260.3     260.3    -298.5    -2
98.5
  3.500     279.4     279.4    -279.4    -279.4     258.1     258.1    -300.7    -3
00.7
  3.600     279.4     279.4    -279.4    -279.4     261.0     261.0    -297.8    -2
97.8
  3.700     279.4     279.4    -279.4    -279.4     268.5     268.5    -290.3    -2
90.3
  3.800     279.4     279.4    -279.4    -279.4     280.7     280.7    -278.1    -2
78.1
  3.900     279.4     279.4    -279.4    -279.4     297.6     297.6    -261.2    -2
61.2
  4.000     279.4     279.4    -279.4    -279.4     319.3     319.3    -239.5    -2
39.5
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SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
4.100	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
4.200	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
4.300	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
4.400	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
4.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
4.600	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
4.700	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
4.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
4.900	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.100	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
5.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
5.300	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
5.400	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
5.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
5.600	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
5.700	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
5.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
5.900	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5

6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.100	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5
6.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
6.300	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
6.400	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
6.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
6.600	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
6.700	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
6.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
6.900	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
7.100	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
7.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
7.300	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
7.400	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
7.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
7.600	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
7.700	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
7.800	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
7.900	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.100	279.4	279.4	-279.4	-279.4	297.6	297.6	-261.2	-261.2
8.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
8.300	279.4	279.4	-279.4	-279.4	268.5	268.5	-290.3	-290.3
8.400	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
8.500	279.4	279.4	-279.4	-279.4	258.1	258.1	-300.7	-300.7
8.600	279.4	279.4	-279.4	-279.4	260.3	260.3	-298.5	-298.5
8.700	279.4	279.4	-279.4	-279.4	267.1	267.1	-291.7	-291.7
8.800	279.4	279.4	-279.4	-279.4	278.7	278.7	-280.1	-280.1
8.900	279.4	279.4	-279.4	-279.4	294.9	294.9	-263.9	-263.9

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0
9.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
9.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
9.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
9.400	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
9.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
9.600	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
9.700	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
9.800	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
9.900	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
10.100	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
10.200	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
10.300	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
10.400	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
10.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.600	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
10.700	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.800	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
10.900	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.07	49.35	5.07	49.35	0.00	136.8
1.200	3.01	25.52	3.01	25.52	0.00	81.2
1.300	2.35	17.35	2.35	17.35	0.00	63.5
1.400	2.14	13.10	2.14	13.10	0.00	57.7
1.500	2.21	10.41	2.21	10.41	0.00	59.8
1.600	2.54	8.50	2.54	8.50	0.00	68.5
1.700	3.39	7.04	3.39	7.04	0.00	91.4
1.800	6.29	5.86	6.29	5.86	0.00	158.2
1.900	21.12	4.87	21.12	4.87	0.00	131.4
2.000	20.13	3.14	20.13	3.14	0.00	84.8
2.000	17.34	2.55	17.34	2.55	0.00	69.0
2.100	30.71	3.73	30.71	3.73	0.00	100.6
2.200	6.12	4.67	6.12	4.67	0.00	126.0
2.300	3.39	5.90	3.39	5.90	0.00	91.4
2.400	2.65	7.63	2.65	7.63	0.00	71.5
2.500	2.52	10.41	2.52	10.41	0.00	68.0
2.600	2.61	8.66	2.61	8.66	0.00	70.5
2.700	3.29	6.74	3.29	6.74	0.00	89.0
2.800	5.84	5.38	5.84	5.38	0.00	145.3
2.900	18.50	4.34	18.50	4.34	0.00	117.3
3.000	15.17	2.92	15.17	2.92	0.00	78.8
3.000	15.17	2.92	15.17	2.92	0.00	78.8
3.100	16.39	4.38	16.39	4.38	0.00	118.3
3.200	5.81	5.44	5.81	5.44	0.00	147.0
3.300	3.26	6.83	3.26	6.83	0.00	88.0
3.400	2.57	8.79	2.57	8.79	0.00	69.4
3.500	2.46	11.86	2.46	11.86	0.00	66.5
3.600	2.58	8.73	2.58	8.73	0.00	69.5
3.700	3.27	6.76	3.27	6.76	0.00	88.4
3.800	5.85	5.38	5.85	5.38	0.00	145.2
3.900	18.63	4.32	18.63	4.32	0.00	116.6
4.000	17.20	2.88	17.20	2.88	0.00	77.8

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	17.20	2.88	17.20	2.88	0.00	77.8
4.100	18.74	4.32	18.74	4.32	0.00	116.5
4.200	5.86	5.37	5.86	5.37	0.00	145.0
4.300	3.28	6.75	3.28	6.75	0.00	88.6
4.400	2.58	8.70	2.58	8.70	0.00	69.8
4.500	2.47	11.81	2.47	11.81	0.00	66.8
4.600	2.58	8.70	2.58	8.70	0.00	69.7
4.700	3.28	6.76	3.28	6.76	0.00	88.5
4.800	5.85	5.38	5.85	5.38	0.00	145.2
4.900	18.60	4.33	18.60	4.33	0.00	116.8
5.000	17.15	2.89	17.15	2.89	0.00	78.1
5.000	17.15	2.89	17.15	2.89	0.00	78.1
5.100	18.60	4.33	18.60	4.33	0.00	116.8
5.200	5.84	5.38	5.84	5.38	0.00	145.3
5.300	3.27	6.76	3.27	6.76	0.00	88.4
5.400	2.58	8.71	2.58	8.71	0.00	69.7
5.500	2.47	11.82	2.47	11.82	0.00	66.7
5.600	2.58	8.71	2.58	8.71	0.00	69.7
5.700	3.28	6.76	3.28	6.76	0.00	88.4
5.800	5.85	5.38	5.85	5.38	0.00	145.2
5.900	18.61	4.32	18.61	4.32	0.00	116.7
6.000	17.17	2.89	17.17	2.89	0.00	78.0
6.000	17.17	2.89	17.17	2.89	0.00	78.0
6.100	18.61	4.32	18.61	4.32	0.00	116.7
6.200	5.85	5.38	5.85	5.38	0.00	145.2
6.300	3.28	6.76	3.28	6.76	0.00	88.4
6.400	2.58	8.71	2.58	8.71	0.00	69.7
6.500	2.47	11.82	2.47	11.82	0.00	66.7
6.600	2.58	8.71	2.58	8.71	0.00	69.7
6.700	3.27	6.76	3.27	6.76	0.00	88.4
6.800	5.84	5.38	5.84	5.38	0.00	145.3
6.900	18.60	4.33	18.60	4.33	0.00	116.8
7.000	17.15	2.89	17.15	2.89	0.00	78.1

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	17.15	2.89	17.15	2.89	0.00	78.1
7.100	18.60	4.33	18.60	4.33	0.00	116.8
7.200	5.85	5.38	5.85	5.38	0.00	145.2
7.300	3.28	6.76	3.28	6.76	0.00	88.5
7.400	2.58	8.70	2.58	8.70	0.00	69.7
7.500	2.47	11.81	2.47	11.81	0.00	66.8
7.600	2.58	8.70	2.58	8.70	0.00	69.8
7.700	3.28	6.75	3.28	6.75	0.00	88.6
7.800	5.86	5.37	5.86	5.37	0.00	145.0
7.900	18.74	4.32	18.74	4.32	0.00	116.5
8.000	17.20	2.88	17.20	2.88	0.00	77.8
8.000	17.20	2.88	17.20	2.88	0.00	77.8
8.100	18.63	4.32	18.63	4.32	0.00	116.6
8.200	5.85	5.38	5.85	5.38	0.00	145.2
8.300	3.27	6.76	3.27	6.76	0.00	88.4
8.400	2.58	8.73	2.58	8.73	0.00	69.5
8.500	2.46	11.86	2.46	11.86	0.00	66.5
8.600	2.57	8.79	2.57	8.79	0.00	69.4
8.700	3.26	6.83	3.26	6.83	0.00	88.0
8.800	5.81	5.44	5.81	5.44	0.00	147.0
8.900	16.39	4.38	16.39	4.38	0.00	118.3
9.000	15.17	2.92	15.17	2.92	0.00	78.8
9.000	15.17	2.92	15.17	2.92	0.00	78.8
9.100	18.50	4.34	18.50	4.34	0.00	117.3
9.200	5.84	5.38	5.84	5.38	0.00	145.3
9.300	3.29	6.74	3.29	6.74	0.00	89.0
9.400	2.61	8.66	2.61	8.66	0.00	70.5
9.500	2.52	10.41	2.52	10.41	0.00	68.0
9.600	2.65	7.63	2.65	7.63	0.00	71.5
9.700	3.39	5.90	3.39	5.90	0.00	91.4
9.800	6.12	4.67	6.12	4.67	0.00	126.0
9.900	30.71	3.73	30.71	3.73	0.00	100.6
10.000	17.34	2.55	17.34	2.55	0.00	69.0

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 4F1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	17.34	2.55	17.34	2.55	0.00	69.0
10.100	21.12	4.87	21.12	4.87	0.00	131.4
10.200	6.29	5.86	6.29	5.86	0.00	158.2
10.300	3.39	7.04	3.39	7.04	0.00	91.4
10.400	2.54	8.50	2.54	8.50	0.00	68.5
10.500	2.21	10.41	2.21	10.41	0.00	59.8
10.600	2.14	13.10	2.14	13.10	0.00	57.7
10.700	2.35	17.35	2.35	17.35	0.00	63.5
10.800	3.01	25.52	3.01	25.52	0.00	81.2
10.900	5.07	49.35	5.07	49.35	0.00	136.8
11.000	999.00	999.00	999.00	999.00	0.00	999.0

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
1.000	0.0	0.0	0.00	R	0.00	0.00	0.00
1.100	1.6	15.0	59.15	R	0.00	45.50	0.00
1.200	2.8	25.8	97.55	R	0.00	75.04	0.00
1.300	3.5	32.2	116.99	R	0.00	89.99	0.00
1.400	3.7	34.4	122.83	R	0.00	94.48	0.00
1.500	3.5	32.2	120.06	R	0.00	92.36	0.00
1.600	2.8	25.4	109.76	L	0.00	84.43	0.00
1.700	1.7	14.4	90.21	R	0.00	69.39	0.00
1.800	0.1	-1.0	65.17	R	0.00	50.13	0.00
1.900	-2.0	-20.7	-57.88	L	0.00	-44.52	0.00
2.000	-4.5	-44.7	-81.93	L	0.00	-63.02	0.00
2.000	-4.5	-44.7	-81.93	L	0.00	-63.02	0.00
2.100	-2.6	-24.0	-61.22	L	0.00	-47.09	0.00
2.200	-1.0	-7.7	51.66	R	0.00	39.74	0.00
2.300	0.1	4.3	74.35	R	0.00	57.19	0.00
2.400	0.8	12.0	90.18	R	0.00	69.37	0.00
2.500	1.2	15.5	95.34	R	0.00	73.34	0.00
2.600	1.1	14.3	93.21	L	0.00	71.70	0.00
2.700	0.7	8.8	80.46	R	0.00	61.89	0.00
2.800	-0.1	-1.0	60.55	R	0.00	46.58	0.00
2.900	-1.3	-15.1	-52.04	R	0.00	-40.03	0.00
3.000	-2.9	-33.5	-66.15	L	0.00	-50.88	0.00
3.000	-2.9	-33.5	-66.15	L	0.00	-50.88	0.00
3.100	-1.2	-14.3	-51.81	L	0.00	-39.85	0.00
3.200	0.1	0.6	61.42	L	0.00	47.24	0.00
3.300	1.0	11.2	81.15	L	0.00	62.43	0.00
3.400	1.6	17.5	93.48	R	0.00	71.91	0.00
3.500	1.7	19.5	96.04	L	0.00	73.88	0.00
3.600	1.5	16.9	93.44	L	0.00	71.88	0.00
3.700	0.9	10.0	80.56	R	0.00	61.97	0.00
3.800	-0.1	-1.2	60.54	R	0.00	46.57	0.00
3.900	-1.5	-16.7	-52.05	R	0.00	-40.04	0.00
4.000	-3.3	-36.5	-66.29	R	0.00	-50.99	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
4.000	-3.3	-36.5	-66.29	R	0.00	-50.99	0.00
4.100	-1.6	-16.9	-52.03	L	0.00	-40.02	0.00
4.200	-0.2	-1.6	60.50	L	0.00	46.54	0.00
4.300	0.8	9.4	80.54	L	0.00	61.96	0.00
4.400	1.4	16.1	93.45	R	0.00	71.89	0.00
4.500	1.6	18.5	95.71	R	0.00	73.62	0.00
4.600	1.4	16.2	93.46	L	0.00	71.89	0.00
4.700	0.8	9.7	80.57	R	0.00	61.97	0.00
4.800	-0.1	-1.1	60.54	R	0.00	46.57	0.00
4.900	-1.5	-16.3	-52.05	R	0.00	-40.04	0.00
5.000	-3.2	-35.7	-66.23	R	0.00	-50.95	0.00
5.000	-3.2	-35.7	-66.23	R	0.00	-50.95	0.00
5.100	-1.5	-16.2	-52.05	L	0.00	-40.04	0.00
5.200	-0.1	-1.0	60.54	L	0.00	46.57	0.00
5.300	0.9	9.9	80.57	L	0.00	61.97	0.00
5.400	1.4	16.4	93.46	R	0.00	71.89	0.00
5.500	1.6	18.7	95.71	R	0.00	73.62	0.00
5.600	1.4	16.4	93.46	L	0.00	71.89	0.00
5.700	0.8	9.7	80.57	R	0.00	61.97	0.00
5.800	-0.1	-1.2	60.54	R	0.00	46.57	0.00
5.900	-1.5	-16.4	-52.05	R	0.00	-40.04	0.00
6.000	-3.3	-36.0	-66.23	R	0.00	-50.94	0.00
6.000	-3.3	-36.0	-66.23	R	0.00	-50.94	0.00
6.100	-1.5	-16.4	-52.05	L	0.00	-40.04	0.00
6.200	-0.1	-1.2	60.54	L	0.00	46.57	0.00
6.300	0.8	9.7	80.57	L	0.00	61.98	0.00
6.400	1.4	16.4	93.46	R	0.00	71.89	0.00
6.500	1.6	18.7	95.71	L	0.00	73.62	0.00
6.600	1.4	16.4	93.46	L	0.00	71.89	0.00
6.700	0.9	9.9	80.57	R	0.00	61.97	0.00
6.800	-0.1	-1.0	60.54	R	0.00	46.57	0.00
6.900	-1.5	-16.2	-52.05	R	0.00	-40.04	0.00
7.000	-3.2	-35.7	-66.23	L	0.00	-50.95	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Lane	Live Load w/o impact Truck	Lane
7.000	-3.2	-35.7	-66.23	L	0.00	-50.95	0.00
7.100	-1.5	-16.3	-52.05	L	0.00	-40.04	0.00
7.200	-0.1	-1.1	60.54	L	0.00	46.57	0.00
7.300	0.8	9.7	80.57	L	0.00	61.97	0.00
7.400	1.4	16.2	93.46	R	0.00	71.89	0.00
7.500	1.6	18.5	95.71	L	0.00	73.62	0.00
7.600	1.4	16.1	93.45	L	0.00	71.89	0.00
7.700	0.8	9.4	80.54	R	0.00	61.96	0.00
7.800	-0.2	-1.6	60.50	R	0.00	46.54	0.00
7.900	-1.6	-16.9	-52.03	R	0.00	-40.02	0.00
8.000	-3.3	-36.5	-66.29	L	0.00	-50.99	0.00
8.000	-3.3	-36.5	-66.29	L	0.00	-50.99	0.00
8.100	-1.5	-16.7	-52.05	L	0.00	-40.04	0.00
8.200	-0.1	-1.2	60.54	L	0.00	46.57	0.00
8.300	0.9	10.0	80.56	L	0.00	61.97	0.00
8.400	1.5	16.9	93.44	R	0.00	71.88	0.00
8.500	1.7	19.5	96.04	R	0.00	73.88	0.00
8.600	1.6	17.5	93.48	L	0.00	71.91	0.00
8.700	1.0	11.2	81.15	R	0.00	62.42	0.00
8.800	0.1	0.6	61.41	R	0.00	47.24	0.00
8.900	-1.2	-14.3	-51.81	R	0.00	-39.85	0.00
9.000	-2.9	-33.5	-66.15	R	0.00	-50.88	0.00
9.000	-2.9	-33.5	-66.15	R	0.00	-50.88	0.00
9.100	-1.3	-15.1	-52.04	L	0.00	-40.03	0.00
9.200	-0.1	-1.0	60.55	L	0.00	46.58	0.00
9.300	0.7	8.8	80.46	L	0.00	61.89	0.00
9.400	1.1	14.3	93.21	R	0.00	71.70	0.00
9.500	1.2	15.5	95.34	L	0.00	73.34	0.00
9.600	0.8	12.0	90.18	L	0.00	69.37	0.00
9.700	0.1	4.3	74.35	L	0.00	57.19	0.00
9.800	-1.0	-7.7	51.66	L	0.00	39.74	0.00
9.900	-2.6	-24.0	-61.22	R	0.00	-47.09	0.00
10.000	-4.5	-44.7	-81.93	R	0.00	-63.02	0.00

MOMENT REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck		Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	-4.5	-44.7	-81.93	R	0.00	-63.02	0.00
10.100	-2.0	-20.7	-57.88	R	0.00	-44.52	0.00
10.200	0.1	-1.0	65.17	L	0.00	50.13	0.00
10.300	1.7	14.4	90.21	L	0.00	69.39	0.00
10.400	2.8	25.4	109.76	R	0.00	84.43	0.00
10.500	3.5	32.2	120.06	L	0.00	92.36	0.00
10.600	3.7	34.4	122.83	L	0.00	94.48	0.00
10.700	3.5	32.2	116.99	L	0.00	89.99	0.00
10.800	2.8	25.8	97.55	L	0.00	75.04	0.00
10.900	1.6	15.0	59.15	L	0.00	45.50	0.00
11.000	0.0	0.0	0.00	R	0.00	0.00	0.00

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7
1.100	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
1.200	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
1.300	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.400	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
1.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
1.600	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
1.700	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
1.800	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
1.900	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
2.000	359.7C	319.4	-319.4	-359.7C	408.8	368.6	-270.3	-310.6
2.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5
2.100	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
2.200	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
2.300	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
2.400	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
2.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
2.600	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
2.700	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
2.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
2.900	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2

3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
3.100	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1
3.200	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
3.300	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
3.400	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
3.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
3.600	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
3.700	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
3.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
3.900	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
4.100	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
4.200	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
4.300	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
4.400	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
4.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
4.600	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
4.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
4.800	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
4.900	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
5.100	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
5.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
5.300	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
5.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
5.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
5.700	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
5.800	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
5.900	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4

6.000	300.6C	268.7	-268.7	-300.6C	339.9	307.9	-229.4	-261.4
6.100	300.6C	268.7	-268.7	-300.6C	318.6	286.6	-250.7	-282.7
6.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
6.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
6.400	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.500	300.6C	268.7	-268.7	-300.6C	280.3	248.3	-289.0	-321.0
6.600	300.6C	268.7	-268.7	-300.6C	282.8	250.8	-286.5	-318.5
6.700	300.6C	268.7	-268.7	-300.6C	289.9	257.9	-279.4	-311.3
6.800	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
6.900	300.6C	268.7	-268.7	-300.6C	318.3	286.3	-251.0	-282.9
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Moment Capacity Negative Bending		Available Capacity for LL+I Positive Bending		Available Capacity for LL+I Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	300.6C	268.7	-268.7	-300.6C	339.6	307.6	-229.7	-261.7
7.100	300.6C	268.7	-268.7	-300.6C	318.4	286.4	-250.9	-282.9
7.200	300.6C	268.7	-268.7	-300.6C	301.9	269.9	-267.4	-299.4
7.300	300.6C	268.7	-268.7	-300.6C	290.1	258.1	-279.2	-311.2
7.400	300.6C	268.7	-268.7	-300.6C	283.0	251.0	-286.3	-318.3
7.500	300.6C	268.7	-268.7	-300.6C	280.6	248.6	-288.7	-320.7
7.600	300.6C	268.7	-268.7	-300.6C	283.2	251.2	-286.1	-318.1
7.700	300.6C	268.7	-268.7	-300.6C	290.5	258.5	-278.8	-310.8
7.800	300.6C	268.7	-268.7	-300.6C	302.5	270.5	-266.8	-298.8
7.900	300.6C	268.7	-268.7	-300.6C	319.1	287.1	-250.2	-282.1
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.000	300.6C	268.7	-268.7	-300.6C	340.5	308.5	-228.8	-260.8
8.100	300.6C	268.7	-268.7	-300.6C	318.9	286.9	-250.4	-282.4
8.200	300.6C	268.7	-268.7	-300.6C	302.0	270.0	-267.3	-299.3
8.300	300.6C	268.7	-268.7	-300.6C	289.7	257.8	-279.5	-311.5
8.400	300.6C	268.7	-268.7	-300.6C	282.2	250.2	-287.1	-319.1
8.500	300.6C	268.7	-268.7	-300.6C	279.4	247.4	-289.9	-321.9
8.600	300.6C	268.7	-268.7	-300.6C	281.5	249.5	-287.8	-319.7
8.700	300.6C	268.7	-268.7	-300.6C	288.4	256.4	-280.9	-312.9
8.800	300.6C	268.7	-268.7	-300.6C	299.9	267.9	-269.4	-301.3
8.900	300.6C	268.7	-268.7	-300.6C	316.2	284.2	-253.1	-285.1

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2

9.000	300.6C	268.7	-268.7	-300.6C	337.1	305.1	-232.2	-264.2
9.100	300.6C	268.7	-268.7	-300.6C	317.1	285.1	-252.2	-284.2
9.200	300.6C	268.7	-268.7	-300.6C	301.8	269.8	-267.5	-299.5
9.300	300.6C	268.7	-268.7	-300.6C	291.2	259.2	-278.1	-310.1
9.400	300.6C	268.7	-268.7	-300.6C	285.2	253.3	-284.1	-316.0
9.500	300.6C	268.7	-268.7	-300.6C	284.0	252.0	-285.3	-317.3
9.600	300.6C	268.7	-268.7	-300.6C	287.8	255.8	-281.5	-313.5
9.700	300.6C	268.7	-268.7	-300.6C	296.2	264.3	-273.1	-305.0
9.800	300.6C	268.7	-268.7	-300.6C	309.4	277.4	-259.9	-291.9
9.900	300.6C	268.7	-268.7	-300.6C	327.2	295.2	-242.1	-274.0
10.000	300.6C	268.7	-268.7	-300.6C	349.8	317.8	-219.5	-251.5

MOMENT CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity Positive Bending		Negative Bending		Available Capacity for LL+I Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	359.7C	268.7	-268.7	-359.7C	408.8	317.8	-219.5	-310.6
10.100	359.7C	319.4	-319.4	-359.7C	382.3	342.1	-296.8	-337.0
10.200	359.7C	319.4	-319.4	-359.7C	360.6	320.3	-318.5	-358.8
10.300	359.7C	319.4	-319.4	-359.7C	343.6	303.4	-335.5	-375.7
10.400	359.7C	319.4	-319.4	-359.7C	331.4	291.2	-347.7	-387.9
10.500	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.600	359.7C	319.4	-319.4	-359.7C	321.6	281.3	-357.5	-397.8
10.700	359.7C	319.4	-319.4	-359.7C	324.0	283.7	-355.1	-395.4
10.800	359.7C	319.4	-319.4	-359.7C	331.1	290.9	-348.0	-388.2
10.900	359.7C	319.4	-319.4	-359.7C	343.0	302.8	-336.1	-376.3
11.000	359.7C	319.4	-319.4	-359.7C	359.7	319.4	-319.4	-359.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.80	54.50	5.12	61.03	0.00	204.7
1.200	3.39	28.22	2.98	31.48	0.00	119.3
1.300	2.77	19.20	2.42	21.37	0.00	97.0
1.400	2.62	14.49	2.29	16.13	0.00	91.6
1.500	2.70	11.52	2.36	12.82	0.00	94.5
1.600	3.02	9.40	2.65	10.49	0.00	106.1
1.700	3.81	7.77	3.36	8.70	0.00	134.5
1.800	5.53	6.46	4.92	7.27	0.00	196.6
1.900	11.68	5.13	10.45	5.82	0.00	205.1
2.000	28.23	3.30	25.45	3.79	0.00	132.0
2.000	24.15	2.68	21.94	3.07	0.00	107.2
2.100	13.67	3.95	12.34	4.48	0.00	158.2
2.200	5.99	5.21	5.37	5.85	0.00	208.4
2.300	3.98	6.16	3.55	6.88	0.00	142.2
2.400	3.19	6.96	2.84	7.75	0.00	113.5
2.500	2.98	7.45	2.64	8.29	0.00	105.7
2.600	3.06	7.48	2.72	8.32	0.00	108.7
2.700	3.62	6.87	3.22	7.66	0.00	128.8
2.800	4.98	5.97	4.46	6.68	0.00	178.2
2.900	10.10	4.85	9.08	5.46	0.00	193.8
3.000	19.68	3.51	17.82	3.99	0.00	140.4
3.000	19.68	3.51	17.82	3.99	0.00	140.4
3.100	9.69	4.89	8.70	5.50	0.00	195.4
3.200	4.88	6.04	4.36	6.76	0.00	174.5
3.300	3.55	6.97	3.16	7.77	0.00	126.4
3.400	3.01	7.66	2.67	8.51	0.00	106.8
3.500	2.91	7.96	2.58	8.84	0.00	103.0
3.600	3.02	7.62	2.68	8.48	0.00	107.1
3.700	3.60	6.91	3.20	7.70	0.00	128.0
3.800	4.99	5.97	4.46	6.68	0.00	178.4
3.900	10.17	4.81	9.15	5.43	0.00	192.4
4.000	23.99	3.45	21.74	3.93	0.00	138.1

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	23.99	3.45	21.74	3.93	0.00	138.1
4.100	10.20	4.81	9.18	5.42	0.00	192.3
4.200	5.00	5.96	4.47	6.67	0.00	178.8
4.300	3.61	6.89	3.21	7.69	0.00	128.4
4.400	3.03	7.59	2.69	8.44	0.00	107.5
4.500	2.93	7.92	2.60	8.80	0.00	103.9
4.600	3.03	7.60	2.69	8.45	0.00	107.4
4.700	3.60	6.90	3.20	7.69	0.00	128.2
4.800	4.99	5.97	4.46	6.68	0.00	178.3
4.900	10.16	4.82	9.14	5.43	0.00	192.8
5.000	23.93	3.47	21.67	3.95	0.00	138.7
5.000	23.93	3.47	21.67	3.95	0.00	138.7
5.100	10.16	4.82	9.14	5.44	0.00	192.9
5.200	4.99	5.97	4.46	6.68	0.00	178.3
5.300	3.60	6.91	3.20	7.70	0.00	128.1
5.400	3.03	7.60	2.68	8.45	0.00	107.3
5.500	2.93	7.93	2.59	8.80	0.00	103.8
5.600	3.03	7.60	2.68	8.45	0.00	107.4
5.700	3.60	6.90	3.20	7.70	0.00	128.1
5.800	4.99	5.97	4.46	6.68	0.00	178.4
5.900	10.16	4.82	9.15	5.43	0.00	192.7
6.000	23.95	3.46	21.70	3.95	0.00	138.6
6.000	23.95	3.46	21.70	3.95	0.00	138.6
6.100	10.16	4.82	9.14	5.43	0.00	192.7
6.200	4.99	5.97	4.46	6.68	0.00	178.4
6.300	3.60	6.90	3.20	7.69	0.00	128.1
6.400	3.03	7.60	2.68	8.45	0.00	107.4
6.500	2.93	7.93	2.59	8.80	0.00	103.8
6.600	3.03	7.60	2.68	8.45	0.00	107.3
6.700	3.60	6.91	3.20	7.70	0.00	128.1
6.800	4.99	5.97	4.46	6.68	0.00	178.3
6.900	10.16	4.82	9.14	5.44	0.00	192.9
7.000	23.84	3.47	21.59	3.95	0.00	138.7

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	23.84	3.47	21.59	3.95	0.00	138.7
7.100	10.16	4.82	9.14	5.43	0.00	192.8
7.200	4.99	5.97	4.46	6.68	0.00	178.3
7.300	3.60	6.90	3.20	7.69	0.00	128.2
7.400	3.03	7.60	2.69	8.45	0.00	107.4
7.500	2.93	7.92	2.60	8.80	0.00	103.9
7.600	3.03	7.59	2.69	8.44	0.00	107.5
7.700	3.61	6.89	3.21	7.69	0.00	128.4
7.800	5.00	5.96	4.47	6.67	0.00	178.8
7.900	10.20	4.81	9.18	5.42	0.00	192.3
8.000	23.99	3.45	21.74	3.93	0.00	138.1
8.000	23.99	3.45	21.74	3.93	0.00	138.1
8.100	10.17	4.81	9.15	5.43	0.00	192.4
8.200	4.99	5.97	4.46	6.68	0.00	178.4
8.300	3.60	6.91	3.20	7.70	0.00	128.0
8.400	3.02	7.62	2.68	8.48	0.00	107.1
8.500	2.91	7.96	2.58	8.84	0.00	103.0
8.600	3.01	7.66	2.67	8.51	0.00	106.8
8.700	3.55	6.97	3.16	7.77	0.00	126.4
8.800	4.88	6.04	4.36	6.76	0.00	174.5
8.900	9.69	4.89	8.70	5.50	0.00	195.4
9.000	19.68	3.51	17.82	3.99	0.00	140.4
9.000	19.68	3.51	17.82	3.99	0.00	140.4
9.100	10.09	4.85	9.08	5.46	0.00	193.8
9.200	4.98	5.97	4.46	6.68	0.00	178.2
9.300	3.62	6.87	3.22	7.66	0.00	128.8
9.400	3.06	7.48	2.72	8.32	0.00	108.7
9.500	2.98	7.45	2.64	8.29	0.00	105.7
9.600	3.19	6.96	2.84	7.75	0.00	113.5
9.700	3.98	6.16	3.55	6.88	0.00	142.2
9.800	5.99	5.21	5.37	5.85	0.00	208.3
9.900	13.67	3.95	12.34	4.48	0.00	158.2
10.000	24.15	2.68	21.94	3.07	0.00	107.2

MOMENT RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	28.23	2.68	21.94	3.79	0.00	107.2
10.100	11.68	5.13	10.45	5.82	0.00	205.1
10.200	5.53	6.46	4.92	7.27	0.00	196.6
10.300	3.81	7.77	3.36	8.70	0.00	134.5
10.400	3.02	9.40	2.65	10.49	0.00	106.1
10.500	2.70	11.52	2.36	12.82	0.00	94.5
10.600	2.62	14.49	2.29	16.13	0.00	91.6
10.700	2.77	19.20	2.42	21.37	0.00	97.0
10.800	3.39	28.22	2.98	31.48	0.00	119.3
10.900	5.80	54.50	5.12	61.03	0.00	204.7
11.000	999.00	999.00	999.00	999.00	0.00	999.0

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
1.000	0.7	6.9	27.99	0.00	21.53	0.00
1.100	0.6	5.2	23.66	0.00	18.20	0.00
1.200	0.4	3.4	19.51	0.00	15.01	0.00
1.300	0.2	1.7	15.60	0.00	12.00	0.00
1.400	0.0	-0.1	-12.27	0.00	-9.44	0.00
1.500	-0.2	-1.8	-14.97	0.00	-11.52	0.00
1.600	-0.4	-3.6	-17.52	0.00	-13.48	0.00
1.700	-0.5	-5.3	-20.67	0.00	-15.90	0.00
1.800	-0.7	-7.0	-24.15	0.00	-18.58	0.00
1.900	-0.9	-8.7	-27.42	0.00	-21.09	0.00
2.000	-1.1	-10.4	-30.41	0.00	-23.39	0.00
2.000	0.8	-10.4	29.85	0.00	22.96	0.00
2.100	0.7	7.4	26.19	0.00	20.15	0.00
2.200	0.5	5.7	22.39	0.00	17.22	0.00
2.300	0.4	4.0	18.72	0.00	14.40	0.00
2.400	0.2	2.2	15.88	0.00	12.22	0.00
2.500	0.1	0.5	12.98	0.00	9.99	0.00
2.600	-0.1	-1.3	-14.92	0.00	-11.48	0.00
2.700	-0.2	-3.1	-18.31	0.00	-14.09	0.00
2.800	-0.4	-4.8	-21.87	0.00	-16.82	0.00
2.900	-0.6	-6.5	-25.45	0.00	-19.58	0.00
3.000	-0.7	-8.2	-28.86	0.00	-22.20	0.00
3.000	0.8	8.6	28.84	0.00	22.18	0.00
3.100	0.6	6.8	25.47	0.00	19.59	0.00
3.200	0.5	5.1	21.92	0.00	16.86	0.00
3.300	0.3	3.4	18.36	0.00	14.13	0.00
3.400	0.1	1.7	14.97	0.00	11.51	0.00
3.500	0.0	-0.1	-12.22	0.00	-9.40	0.00
3.600	-0.2	-1.9	-14.97	0.00	-11.51	0.00
3.700	-0.3	-3.6	-18.36	0.00	-14.12	0.00
3.800	-0.5	-5.3	-21.92	0.00	-16.86	0.00
3.900	-0.6	-7.1	-25.49	0.00	-19.61	0.00
4.000	-0.8	-8.8	-28.89	0.00	-22.22	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
4.000	0.8	-8.8	28.90	0.00	22.23	0.00
4.100	0.6	7.0	25.50	0.00	19.61	0.00
4.200	0.5	5.3	21.92	0.00	16.86	0.00
4.300	0.3	3.5	18.36	0.00	14.13	0.00
4.400	0.2	1.8	14.97	0.00	11.52	0.00
4.500	0.0	0.1	12.22	0.00	9.40	0.00
4.600	-0.2	-1.8	-14.97	0.00	-11.52	0.00
4.700	-0.3	-3.5	-18.36	0.00	-14.13	0.00
4.800	-0.5	-5.2	-21.92	0.00	-16.86	0.00
4.900	-0.6	-6.9	-25.49	0.00	-19.61	0.00
5.000	-0.8	-8.6	-28.89	0.00	-22.23	0.00
5.000	0.8	8.6	28.89	0.00	22.23	0.00
5.100	0.6	6.9	25.49	0.00	19.61	0.00
5.200	0.5	5.2	21.92	0.00	16.86	0.00
5.300	0.3	3.5	18.36	0.00	14.13	0.00
5.400	0.2	1.8	14.97	0.00	11.52	0.00
5.500	0.0	0.1	12.22	0.00	9.40	0.00
5.600	-0.2	-1.8	-14.97	0.00	-11.52	0.00
5.700	-0.3	-3.5	-18.36	0.00	-14.13	0.00
5.800	-0.5	-5.2	-21.92	0.00	-16.86	0.00
5.900	-0.6	-7.0	-25.49	0.00	-19.61	0.00
6.000	-0.8	-8.7	-28.89	0.00	-22.23	0.00
6.000	0.8	8.7	28.89	0.00	22.23	0.00
6.100	0.6	7.0	25.49	0.00	19.61	0.00
6.200	0.5	5.2	21.92	0.00	16.86	0.00
6.300	0.3	3.5	18.36	0.00	14.13	0.00
6.400	0.2	1.8	14.97	0.00	11.52	0.00
6.500	0.0	0.1	12.22	0.00	9.40	0.00
6.600	-0.2	-1.8	-14.97	0.00	-11.52	0.00
6.700	-0.3	-3.5	-18.36	0.00	-14.13	0.00
6.800	-0.5	-5.2	-21.92	0.00	-16.86	0.00
6.900	-0.6	-6.9	-25.49	0.00	-19.61	0.00
7.000	-0.8	-8.6	-28.89	0.00	-22.23	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
7.000	0.8	-8.6	28.89	0.00	22.23	0.00
7.100	0.6	6.9	25.49	0.00	19.61	0.00
7.200	0.5	5.2	21.92	0.00	16.86	0.00
7.300	0.3	3.5	18.36	0.00	14.13	0.00
7.400	0.2	1.8	14.97	0.00	11.52	0.00
7.500	0.0	0.1	12.22	0.00	9.40	0.00
7.600	-0.2	-1.8	-14.97	0.00	-11.52	0.00
7.700	-0.3	-3.5	-18.36	0.00	-14.13	0.00
7.800	-0.5	-5.3	-21.92	0.00	-16.86	0.00
7.900	-0.6	-7.0	-25.50	0.00	-19.61	0.00
8.000	-0.8	-8.7	-28.90	0.00	-22.23	0.00
8.000	0.8	8.8	28.89	0.00	22.22	0.00
8.100	0.6	7.1	25.49	0.00	19.61	0.00
8.200	0.5	5.3	21.92	0.00	16.86	0.00
8.300	0.3	3.6	18.36	0.00	14.12	0.00
8.400	0.2	1.9	14.97	0.00	11.51	0.00
8.500	0.0	0.2	12.22	0.00	9.40	0.00
8.600	-0.1	-1.7	-14.97	0.00	-11.51	0.00
8.700	-0.3	-3.4	-18.36	0.00	-14.13	0.00
8.800	-0.5	-5.1	-21.92	0.00	-16.86	0.00
8.900	-0.6	-6.8	-25.47	0.00	-19.59	0.00
9.000	-0.8	-8.6	-28.84	0.00	-22.18	0.00
9.000	0.7	-8.6	28.86	0.00	22.20	0.00
9.100	0.6	6.5	25.45	0.00	19.58	0.00
9.200	0.4	4.8	21.87	0.00	16.82	0.00
9.300	0.2	3.1	18.31	0.00	14.09	0.00
9.400	0.1	1.3	14.92	0.00	11.48	0.00
9.500	-0.1	-0.4	-12.98	0.00	-9.99	0.00
9.600	-0.2	-2.2	-15.45	0.00	-11.88	0.00
9.700	-0.4	-4.0	-18.72	0.00	-14.40	0.00
9.800	-0.5	-5.7	-22.39	0.00	-17.22	0.00
9.900	-0.7	-7.4	-26.19	0.00	-20.15	0.00
10.000	-0.8	-9.1	-29.69	0.00	-22.84	0.00

SHEAR REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Dead Load	Superimposed Dead Load	Live Load w/impact Truck	Live Load w/impact Lane	Live Load w/o impact Truck	Live Load w/o impact Lane
10.000	1.1	10.4	30.41	0.00	23.39	0.00
10.100	0.9	8.7	27.42	0.00	21.09	0.00
10.200	0.7	7.0	24.15	0.00	18.58	0.00
10.300	0.5	5.3	20.67	0.00	15.90	0.00
10.400	0.4	3.6	17.52	0.00	13.48	0.00
10.500	0.2	1.9	14.97	0.00	11.52	0.00
10.600	0.0	0.1	12.27	0.00	9.44	0.00
10.700	-0.2	-1.7	-15.60	0.00	-12.00	0.00
10.800	-0.4	-3.4	-19.51	0.00	-15.01	0.00
10.900	-0.6	-5.2	-23.66	0.00	-18.20	0.00
11.000	-0.7	-6.9	-27.99	0.00	-21.53	0.00

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
1.000	172.1	-140.0	124.8
1.100	172.1	-138.1	126.7
1.200	172.1	-136.2	128.6
1.300	172.1	-134.3	130.5
1.400	172.1	-132.4	132.4
1.500	172.1	-130.5	134.3
1.600	172.1	-128.4	136.3
1.700	172.1	-126.5	138.2
1.800	172.1	-124.6	140.1
1.900	172.1	-122.7	142.0
2.000	172.1	-120.8	143.9
2.000	151.3	-120.8	106.4
2.100	151.3	-124.4	108.3
2.200	151.3	-122.6	110.2
2.300	151.3	-120.7	112.0
2.400	151.3	-118.8	113.9
2.500	151.3	-116.9	115.8
2.600	151.3	-114.9	117.8
2.700	151.3	-113.1	119.7
2.800	151.3	-111.2	121.6
2.900	151.3	-109.3	123.4
3.000	151.3	-107.4	117.1
3.000	151.3	-107.4	107.1
3.100	151.3	-123.8	108.9
3.200	151.3	-121.9	110.8
3.300	151.3	-120.1	112.7
3.400	151.3	-118.2	114.6
3.500	151.3	-116.3	116.4
3.600	151.3	-114.3	118.4
3.700	151.3	-112.4	120.3
3.800	151.3	-110.5	122.2
3.900	151.3	-108.7	124.1
4.000	151.3	-106.8	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
4.000	151.3	-106.8	106.9
4.100	151.3	-124.0	108.8
4.200	151.3	-122.1	110.6
4.300	151.3	-120.2	112.5
4.400	151.3	-118.3	114.4
4.500	151.3	-116.5	116.3
4.600	151.3	-114.5	118.3
4.700	151.3	-112.6	120.2
4.800	151.3	-110.7	122.0
4.900	151.3	-108.8	123.9
5.000	151.3	-107.0	117.1
5.000	151.3	-107.0	106.9
5.100	151.3	-123.9	108.8
5.200	151.3	-122.1	110.7
5.300	151.3	-120.2	112.6
5.400	151.3	-118.3	114.4
5.500	151.3	-116.4	116.3
5.600	151.3	-114.4	118.3
5.700	151.3	-112.5	120.2
5.800	151.3	-110.7	122.1
5.900	151.3	-108.8	124.0
6.000	151.3	-106.9	117.2
6.000	151.3	-106.9	106.9
6.100	151.3	-124.0	108.8
6.200	151.3	-122.1	110.7
6.300	151.3	-120.2	112.5
6.400	151.3	-118.3	114.4
6.500	151.3	-116.4	116.3
6.600	151.3	-114.4	118.3
6.700	151.3	-112.6	120.2
6.800	151.3	-110.7	122.1
6.900	151.3	-108.8	123.9
7.000	151.3	-106.9	117.1

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
7.000	151.3	-106.9	107.0
7.100	151.3	-123.9	108.8
7.200	151.3	-122.0	110.7
7.300	151.3	-120.2	112.6
7.400	151.3	-118.3	114.5
7.500	151.3	-116.4	116.3
7.600	151.3	-114.4	118.3
7.700	151.3	-112.5	120.2
7.800	151.3	-110.6	122.1
7.900	151.3	-108.8	124.0
8.000	151.3	-106.9	117.2
8.000	151.3	-106.9	106.8
8.100	151.3	-124.1	108.7
8.200	151.3	-122.2	110.5
8.300	151.3	-120.3	112.4
8.400	151.3	-118.4	114.3
8.500	151.3	-116.6	116.2
8.600	151.3	-114.6	118.2
8.700	151.3	-112.7	120.1
8.800	151.3	-110.8	121.9
8.900	151.3	-108.9	123.8
9.000	151.3	-107.1	117.1
9.000	151.3	-107.1	107.4
9.100	151.3	-123.4	109.3
9.200	151.3	-121.6	111.2
9.300	151.3	-119.7	113.1
9.400	151.3	-117.8	114.9
9.500	151.3	-115.9	116.8
9.600	151.3	-113.9	118.8
9.700	151.3	-112.0	120.7
9.800	151.3	-110.2	122.6
9.900	151.3	-108.3	124.4
10.000	151.3	-106.4	117.2

SHEAR CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Shear Capacity VU	Available Capacity for LL+I (-)	(+)
10.000	172.1	-106.4	120.8
10.100	172.1	-142.0	122.7
10.200	172.1	-140.1	124.6
10.300	172.1	-138.2	126.5
10.400	172.1	-136.3	128.4
10.500	172.1	-134.4	130.3
10.600	172.1	-132.4	132.4
10.700	172.1	-130.5	134.3
10.800	172.1	-128.6	136.2
10.900	172.1	-126.7	138.1
11.000	172.1	-124.8	133.1

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
1.000	60.91	4.46	0.00	178.3
1.100	33.63	5.35	0.00	214.1
1.200	21.55	6.59	0.00	263.6
1.300	14.29	8.36	0.00	334.6
1.400	10.79	10.89	0.00	431.4
1.500	8.71	14.40	0.00	348.5
1.600	7.33	19.54	0.00	293.2
1.700	6.12	28.92	0.00	244.8
1.800	5.16	50.01	0.00	206.4
1.900	4.48	127.80	0.00	179.0
2.000	3.97	248.43	0.00	158.9
2.000	3.97	3.57	0.00	142.6
2.100	35.35	4.14	0.00	165.4
2.200	23.24	4.92	0.00	196.8
2.300	16.48	5.99	0.00	239.4
2.400	12.33	7.17	0.00	286.9
2.500	9.61	8.92	0.00	356.8
2.600	7.70	11.21	0.00	308.2
2.700	6.18	14.74	0.00	247.0
2.800	5.08	20.70	0.00	203.3
2.900	4.30	31.69	0.00	171.8
3.000	3.72	36.12	0.00	148.9
3.000	3.72	3.71	0.00	148.5
3.100	35.15	4.28	0.00	171.1
3.200	23.05	5.06	0.00	202.3
3.300	16.32	6.14	0.00	245.5
3.400	12.20	7.65	0.00	306.1
3.500	9.52	9.56	0.00	380.8
3.600	7.64	12.26	0.00	305.5
3.700	6.12	16.39	0.00	244.9
3.800	5.04	23.16	0.00	201.7
3.900	4.26	35.37	0.00	170.5
4.000	3.70	46.65	0.00	147.8

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
4.000	3.70	3.70	0.00	147.8
4.100	35.21	4.27	0.00	170.6
4.200	23.08	5.05	0.00	201.9
4.300	16.34	6.13	0.00	245.1
4.400	12.22	7.64	0.00	305.7
4.500	9.53	9.51	0.00	380.5
4.600	7.65	12.21	0.00	305.8
4.700	6.13	16.33	0.00	245.3
4.800	5.05	23.07	0.00	202.0
4.900	4.27	35.20	0.00	170.8
5.000	3.70	43.45	0.00	148.1
5.000	3.70	3.70	0.00	148.0
5.100	35.19	4.27	0.00	170.7
5.200	23.07	5.05	0.00	202.0
5.300	16.33	6.13	0.00	245.2
5.400	12.21	7.64	0.00	305.8
5.500	9.53	9.52	0.00	380.7
5.600	7.64	12.21	0.00	305.7
5.700	6.13	16.33	0.00	245.1
5.800	5.05	23.08	0.00	201.9
5.900	4.27	35.20	0.00	170.7
6.000	3.70	43.61	0.00	148.0
6.000	3.70	3.70	0.00	148.0
6.100	35.20	4.27	0.00	170.7
6.200	23.08	5.05	0.00	201.9
6.300	16.33	6.13	0.00	245.1
6.400	12.21	7.64	0.00	305.7
6.500	9.53	9.52	0.00	380.6
6.600	7.64	12.21	0.00	305.8
6.700	6.13	16.33	0.00	245.2
6.800	5.05	23.07	0.00	202.0
6.900	4.27	35.19	0.00	170.7
7.000	3.70	43.61	0.00	148.0

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
7.000	3.70	3.70	0.00	148.0
7.100	35.20	4.27	0.00	170.8
7.200	23.07	5.05	0.00	202.0
7.300	16.33	6.13	0.00	245.3
7.400	12.21	7.65	0.00	305.9
7.500	9.52	9.52	0.00	380.8
7.600	7.64	12.22	0.00	305.6
7.700	6.13	16.34	0.00	245.1
7.800	5.05	23.08	0.00	201.9
7.900	4.27	35.21	0.00	170.6
8.000	3.70	43.61	0.00	148.0
8.000	3.70	3.70	0.00	147.9
8.100	35.37	4.26	0.00	170.5
8.200	23.16	5.04	0.00	201.7
8.300	16.39	6.12	0.00	244.9
8.400	12.26	7.64	0.00	305.5
8.500	9.57	9.51	0.00	380.3
8.600	7.65	12.20	0.00	306.1
8.700	6.14	16.32	0.00	245.5
8.800	5.06	23.05	0.00	202.3
8.900	4.28	35.15	0.00	171.1
9.000	3.71	43.59	0.00	148.5
9.000	3.71	3.72	0.00	148.5
9.100	31.69	4.30	0.00	171.8
9.200	20.70	5.08	0.00	203.3
9.300	14.74	6.18	0.00	247.0
9.400	11.21	7.70	0.00	308.2
9.500	8.93	9.60	0.00	357.2
9.600	7.37	12.33	0.00	295.0
9.700	5.99	16.48	0.00	239.4
9.800	4.92	23.24	0.00	196.8
9.900	4.14	35.35	0.00	165.4
10.000	3.59	43.40	0.00	143.4

SHEAR RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Shear

Span	Rating (-)	Factor (+)	Rating Value	Load Capacity (tons)
10.000	3.59	3.97	0.00	143.4
10.100	127.80	4.48	0.00	179.0
10.200	50.01	5.16	0.00	206.4
10.300	28.92	6.12	0.00	244.8
10.400	19.54	7.33	0.00	293.2
10.500	14.41	8.70	0.00	348.2
10.600	10.89	10.79	0.00	431.4
10.700	8.36	14.29	0.00	334.6
10.800	6.59	21.55	0.00	263.6
10.900	5.35	33.63	0.00	214.1
11.000	4.46	999.00	0.00	178.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
1.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2
1.100	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
1.200	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
1.300	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.400	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
1.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
1.600	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
1.700	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
1.800	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
1.900	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
2.000	332.2	332.2	-332.2	-332.2	381.3	381.3	-283.1	-283.1
2.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
2.100	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
2.200	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
2.300	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
2.400	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
2.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
2.600	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
2.700	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
2.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
2.900	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9

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  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0


  3.000     279.4     279.4    -279.4    -279.4     315.8     315.8    -243.0    -2
43.0
  3.100     279.4     279.4    -279.4    -279.4     294.9     294.9    -263.9    -2
63.9
  3.200     279.4     279.4    -279.4    -279.4     278.7     278.7    -280.1    -2
80.1
  3.300     279.4     279.4    -279.4    -279.4     267.1     267.1    -291.7    -2
91.7
  3.400     279.4     279.4    -279.4    -279.4     260.3     260.3    -298.5    -2
98.5
  3.500     279.4     279.4    -279.4    -279.4     258.1     258.1    -300.7    -3
00.7
  3.600     279.4     279.4    -279.4    -279.4     261.0     261.0    -297.8    -2
97.8
  3.700     279.4     279.4    -279.4    -279.4     268.5     268.5    -290.3    -2
90.3
  3.800     279.4     279.4    -279.4    -279.4     280.7     280.7    -278.1    -2
78.1
  3.900     279.4     279.4    -279.4    -279.4     297.6     297.6    -261.2    -2
61.2
  4.000     279.4     279.4    -279.4    -279.4     319.3     319.3    -239.5    -2
39.5
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SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
4.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
4.100	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
4.200	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
4.300	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
4.400	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
4.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
4.600	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
4.700	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
4.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
4.900	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
5.100	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
5.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
5.300	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
5.400	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
5.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
5.600	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
5.700	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
5.800	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
5.900	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5

6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.000	279.4	279.4	-279.4	-279.4	318.6	318.6	-240.2	-240.2
6.100	279.4	279.4	-279.4	-279.4	297.3	297.3	-261.5	-261.5
6.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
6.300	279.4	279.4	-279.4	-279.4	268.8	268.8	-290.0	-290.0
6.400	279.4	279.4	-279.4	-279.4	261.6	261.6	-297.2	-297.2
6.500	279.4	279.4	-279.4	-279.4	259.0	259.0	-299.8	-299.8
6.600	279.4	279.4	-279.4	-279.4	261.5	261.5	-297.3	-297.3
6.700	279.4	279.4	-279.4	-279.4	268.7	268.7	-290.1	-290.1
6.800	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
6.900	279.4	279.4	-279.4	-279.4	297.1	297.1	-261.7	-261.7
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
7.000	279.4	279.4	-279.4	-279.4	318.3	318.3	-240.5	-240.5
7.100	279.4	279.4	-279.4	-279.4	297.2	297.2	-261.6	-261.6
7.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
7.300	279.4	279.4	-279.4	-279.4	268.9	268.9	-289.9	-289.9
7.400	279.4	279.4	-279.4	-279.4	261.8	261.8	-297.0	-297.0
7.500	279.4	279.4	-279.4	-279.4	259.4	259.4	-299.4	-299.4
7.600	279.4	279.4	-279.4	-279.4	262.0	262.0	-296.8	-296.8
7.700	279.4	279.4	-279.4	-279.4	269.2	269.2	-289.6	-289.6
7.800	279.4	279.4	-279.4	-279.4	281.2	281.2	-277.6	-277.6
7.900	279.4	279.4	-279.4	-279.4	297.9	297.9	-260.9	-260.9
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.000	279.4	279.4	-279.4	-279.4	319.3	319.3	-239.5	-239.5
8.100	279.4	279.4	-279.4	-279.4	297.6	297.6	-261.2	-261.2
8.200	279.4	279.4	-279.4	-279.4	280.7	280.7	-278.1	-278.1
8.300	279.4	279.4	-279.4	-279.4	268.5	268.5	-290.3	-290.3
8.400	279.4	279.4	-279.4	-279.4	261.0	261.0	-297.8	-297.8
8.500	279.4	279.4	-279.4	-279.4	258.1	258.1	-300.7	-300.7
8.600	279.4	279.4	-279.4	-279.4	260.3	260.3	-298.5	-298.5
8.700	279.4	279.4	-279.4	-279.4	267.1	267.1	-291.7	-291.7
8.800	279.4	279.4	-279.4	-279.4	278.7	278.7	-280.1	-280.1
8.900	279.4	279.4	-279.4	-279.4	294.9	294.9	-263.9	-263.9

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0

9.000	279.4	279.4	-279.4	-279.4	315.8	315.8	-243.0	-243.0
9.100	279.4	279.4	-279.4	-279.4	295.9	295.9	-262.9	-262.9
9.200	279.4	279.4	-279.4	-279.4	280.5	280.5	-278.3	-278.3
9.300	279.4	279.4	-279.4	-279.4	269.9	269.9	-288.9	-288.9
9.400	279.4	279.4	-279.4	-279.4	264.0	264.0	-294.8	-294.8
9.500	279.4	279.4	-279.4	-279.4	262.8	262.8	-296.0	-296.0
9.600	279.4	279.4	-279.4	-279.4	266.5	266.5	-292.3	-292.3
9.700	279.4	279.4	-279.4	-279.4	275.0	275.0	-283.8	-283.8
9.800	279.4	279.4	-279.4	-279.4	288.2	288.2	-270.6	-270.6
9.900	279.4	279.4	-279.4	-279.4	306.0	306.0	-252.8	-252.8
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3

SERVICEABILITY CAPACITY REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Span	Moment Capacity				Available Capacity for LL+I			
	Positive Bending		Negative Bending		Positive Bending		Negative Bending	
	Top	Bott.	Top	Bott.	Top	Bott.	Top	Bott.
10.000	279.4	279.4	-279.4	-279.4	328.5	328.5	-230.3	-230.3
10.100	332.2	332.2	-332.2	-332.2	354.8	354.8	-309.6	-309.6
10.200	332.2	332.2	-332.2	-332.2	333.1	333.1	-331.3	-331.3
10.300	332.2	332.2	-332.2	-332.2	316.2	316.2	-348.2	-348.2
10.400	332.2	332.2	-332.2	-332.2	303.9	303.9	-360.5	-360.5
10.500	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.600	332.2	332.2	-332.2	-332.2	294.1	294.1	-370.3	-370.3
10.700	332.2	332.2	-332.2	-332.2	296.5	296.5	-367.9	-367.9
10.800	332.2	332.2	-332.2	-332.2	303.6	303.6	-360.8	-360.8
10.900	332.2	332.2	-332.2	-332.2	315.5	315.5	-348.9	-348.9
11.000	332.2	332.2	-332.2	-332.2	332.2	332.2	-332.2	-332.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
1.000	999.00	999.00	999.00	999.00	0.00	999.0
1.100	5.33	56.58	5.33	56.58	0.00	213.4
1.200	3.11	29.25	3.11	29.25	0.00	124.5
1.300	2.53	19.89	2.53	19.89	0.00	101.4
1.400	2.39	15.01	2.39	15.01	0.00	95.8
1.500	2.47	11.93	2.47	11.93	0.00	98.8
1.600	2.77	9.74	2.77	9.74	0.00	110.8
1.700	3.51	8.07	3.51	8.07	0.00	140.2
1.800	5.11	6.72	5.11	6.72	0.00	204.5
1.900	10.84	5.35	10.84	5.35	0.00	213.9
2.000	26.33	3.45	26.33	3.45	0.00	138.2
2.000	22.68	2.81	22.68	2.81	0.00	112.4
2.100	12.78	4.13	12.78	4.13	0.00	165.2
2.200	5.58	5.43	5.58	5.43	0.00	217.0
2.300	3.70	6.40	3.70	6.40	0.00	148.0
2.400	2.96	7.23	2.96	7.23	0.00	118.2
2.500	2.76	7.73	2.76	7.73	0.00	110.2
2.600	2.83	7.76	2.83	7.76	0.00	113.3
2.700	3.36	7.13	3.36	7.13	0.00	134.2
2.800	4.63	6.21	4.63	6.21	0.00	185.3
2.900	9.42	5.05	9.42	5.05	0.00	202.1
3.000	18.44	3.67	18.44	3.67	0.00	146.9
3.000	18.44	3.67	18.44	3.67	0.00	146.9
3.100	9.03	5.09	9.03	5.09	0.00	203.7
3.200	4.54	6.28	4.54	6.28	0.00	181.5
3.300	3.29	7.24	3.29	7.24	0.00	131.7
3.400	2.78	7.95	2.78	7.95	0.00	111.4
3.500	2.69	8.26	2.69	8.26	0.00	107.5
3.600	2.79	7.91	2.79	7.91	0.00	111.7
3.700	3.33	7.18	3.33	7.18	0.00	133.3
3.800	4.64	6.20	4.64	6.20	0.00	185.5
3.900	9.50	5.02	9.50	5.02	0.00	200.7
4.000	22.49	3.61	22.49	3.61	0.00	144.6

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
4.000	22.49	3.61	22.49	3.61	0.00	144.6
4.100	9.52	5.01	9.52	5.01	0.00	200.6
4.200	4.65	6.20	4.65	6.20	0.00	185.9
4.300	3.34	7.16	3.34	7.16	0.00	133.7
4.400	2.80	7.88	2.80	7.88	0.00	112.1
4.500	2.71	8.21	2.71	8.21	0.00	108.4
4.600	2.80	7.88	2.80	7.88	0.00	112.0
4.700	3.34	7.17	3.34	7.17	0.00	133.5
4.800	4.64	6.21	4.64	6.21	0.00	185.4
4.900	9.48	5.03	9.48	5.03	0.00	201.1
5.000	22.43	3.63	22.43	3.63	0.00	145.2
5.000	22.43	3.63	22.43	3.63	0.00	145.2
5.100	9.48	5.03	9.48	5.03	0.00	201.1
5.200	4.63	6.21	4.63	6.21	0.00	185.4
5.300	3.34	7.17	3.34	7.17	0.00	133.4
5.400	2.80	7.89	2.80	7.89	0.00	111.9
5.500	2.71	8.22	2.71	8.22	0.00	108.3
5.600	2.80	7.89	2.80	7.89	0.00	112.0
5.700	3.34	7.17	3.34	7.17	0.00	133.5
5.800	4.64	6.20	4.64	6.20	0.00	185.5
5.900	9.49	5.02	9.49	5.02	0.00	200.9
6.000	22.45	3.63	22.45	3.63	0.00	145.1
6.000	22.45	3.63	22.45	3.63	0.00	145.1
6.100	9.49	5.02	9.49	5.02	0.00	200.9
6.200	4.64	6.20	4.64	6.20	0.00	185.5
6.300	3.34	7.17	3.34	7.17	0.00	133.5
6.400	2.80	7.89	2.80	7.89	0.00	112.0
6.500	2.71	8.22	2.71	8.22	0.00	108.3
6.600	2.80	7.89	2.80	7.89	0.00	111.9
6.700	3.34	7.17	3.34	7.17	0.00	133.4
6.800	4.63	6.21	4.63	6.21	0.00	185.4
6.900	9.48	5.03	9.48	5.03	0.00	201.1
7.000	22.35	3.63	22.35	3.63	0.00	145.2

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
7.000	22.35	3.63	22.35	3.63	0.00	145.2
7.100	9.48	5.03	9.48	5.03	0.00	201.1
7.200	4.64	6.21	4.64	6.21	0.00	185.4
7.300	3.34	7.17	3.34	7.17	0.00	133.5
7.400	2.80	7.88	2.80	7.88	0.00	112.0
7.500	2.71	8.21	2.71	8.21	0.00	108.4
7.600	2.80	7.88	2.80	7.88	0.00	112.1
7.700	3.34	7.16	3.34	7.16	0.00	133.7
7.800	4.65	6.20	4.65	6.20	0.00	185.9
7.900	9.52	5.01	9.52	5.01	0.00	200.6
8.000	22.49	3.61	22.49	3.61	0.00	144.6
8.000	22.49	3.61	22.49	3.61	0.00	144.6
8.100	9.50	5.02	9.50	5.02	0.00	200.7
8.200	4.64	6.20	4.64	6.20	0.00	185.5
8.300	3.33	7.18	3.33	7.18	0.00	133.3
8.400	2.79	7.91	2.79	7.91	0.00	111.7
8.500	2.69	8.26	2.69	8.26	0.00	107.5
8.600	2.78	7.95	2.78	7.95	0.00	111.4
8.700	3.29	7.24	3.29	7.24	0.00	131.7
8.800	4.54	6.28	4.54	6.28	0.00	181.5
8.900	9.03	5.09	9.03	5.09	0.00	203.7
9.000	18.44	3.67	18.44	3.67	0.00	146.9
9.000	18.44	3.67	18.44	3.67	0.00	146.9
9.100	9.42	5.05	9.42	5.05	0.00	202.1
9.200	4.63	6.21	4.63	6.21	0.00	185.3
9.300	3.36	7.13	3.36	7.13	0.00	134.2
9.400	2.83	7.76	2.83	7.76	0.00	113.3
9.500	2.76	7.73	2.76	7.73	0.00	110.2
9.600	2.96	7.23	2.96	7.23	0.00	118.2
9.700	3.70	6.40	3.70	6.40	0.00	148.0
9.800	5.58	5.42	5.58	5.42	0.00	216.9
9.900	12.78	4.13	12.78	4.13	0.00	165.2
10.000	22.68	2.81	22.68	2.81	0.00	112.4

SERVICEABILITY RATING REPORT

Structure I. D. HAM500

Member I. D. S03

Rating Type: OPER.
Rating Live Load: 5C1

Moment

Span	Rating Factor top fiber +bend	top fiber -bend	bottom fiber +bend	bottom fiber -bend	Rating Value	Load Capacity (tons)
10.000	22.68	2.81	22.68	2.81	0.00	112.4
10.100	10.84	5.35	10.84	5.35	0.00	213.9
10.200	5.11	6.72	5.11	6.72	0.00	204.5
10.300	3.51	8.07	3.51	8.07	0.00	140.2
10.400	2.77	9.74	2.77	9.74	0.00	110.8
10.500	2.47	11.93	2.47	11.93	0.00	98.8
10.600	2.39	15.01	2.39	15.01	0.00	95.8
10.700	2.53	19.89	2.53	19.89	0.00	101.4
10.800	3.11	29.25	3.11	29.25	0.00	124.5
10.900	5.33	56.57	5.33	56.57	0.00	213.4
11.000	999.00	999.00	999.00	999.00	0.00	999.0