

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 38.833	Span 2 0.000	Span 3 0.000	Span 4 0.000	Span 5 0.000
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Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.94	HS 38.88	70.0
1.474	OPER.	HS20	3.24	HS 64.79	116.6
1.474	OPER.	2F1	5.74	0.00	86.1
1.474	OPER.	3F1	4.08	0.00	93.9
1.474	OPER.	4F1	3.86	0.00	104.3
1.474	OPER.	5C1	4.19	0.00	167.7

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.41	HS 48.18	86.7
1.474	OPER.	HS20	4.01	HS 80.30	144.5
1.474	OPER.	2F1	7.12	0.00	106.7

1.474	OPER.	3F1	5.06	0.00	116.4
1.474	OPER.	4F1	4.79	0.00	129.3
1.474	OPER.	5C1	5.20	0.00	207.9

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.84	HS 36.72	66.1
1.474	OPER.	HS20	3.06	HS 61.21	110.2
1.474	OPER.	2F1	5.84	0.00	87.6
1.474	OPER.	3F1	3.94	0.00	90.7
1.474	OPER.	4F1	3.55	0.00	95.8
1.474	OPER.	5C1	4.05	0.00	161.8

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.30	HS 46.01	82.8
1.474	OPER.	HS20	3.83	HS 76.68	138.0
1.474	OPER.	2F1	7.31	0.00	109.7

1.474	OPER.	3F1	4.94	0.00	113.7
1.474	OPER.	4F1	4.44	0.00	120.0
1.474	OPER.	5C1	5.07	0.00	202.7

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.75	HS 35.00	63.0
1.474	OPER.	HS20	2.92	HS 58.34	105.0
1.474	OPER.	2F1	5.56	0.00	83.5
1.474	OPER.	3F1	3.76	0.00	86.5
1.474	OPER.	4F1	3.38	0.00	91.3
1.474	OPER.	5C1	3.86	0.00	154.2

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.19	HS 43.80	78.8
1.474	OPER.	HS20	3.65	HS 73.01	131.4
1.474	OPER.	2F1	6.96	0.00	104.5

1.474	OPER.	3F1	4.70	0.00	108.2
1.474	OPER.	4F1	4.23	0.00	114.2
1.474	OPER.	5C1	4.83	0.00	193.0

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.78	HS 35.62	64.1
1.474	OPER.	HS20	2.97	HS 59.36	106.8
1.474	OPER.	2F1	5.66	0.00	84.9
1.474	OPER.	3F1	3.83	0.00	88.0
1.474	OPER.	4F1	3.44	0.00	92.9
1.474	OPER.	5C1	3.92	0.00	156.9

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.23	HS 44.56	80.2
1.474	OPER.	HS20	3.71	HS 74.27	133.7
1.474	OPER.	2F1	7.08	0.00	106.3

1.474	OPER.	3F1	4.79	0.00	110.1
1.474	OPER.	4F1	4.30	0.00	116.2
1.474	OPER.	5C1	4.91	0.00	196.4

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.79	HS 35.75	64.4
1.474	OPER.	HS20	2.98	HS 59.59	107.3
1.474	OPER.	2F1	5.68	0.00	85.3
1.474	OPER.	3F1	3.84	0.00	88.3
1.474	OPER.	4F1	3.45	0.00	93.2
1.474	OPER.	5C1	3.94	0.00	157.6

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.24	HS 44.76	80.6
1.474	OPER.	HS20	3.73	HS 74.59	134.3
1.474	OPER.	2F1	7.11	0.00	106.7

1.474	OPER.	3F1	4.81	0.00	110.6
1.474	OPER.	4F1	4.32	0.00	116.7
1.474	OPER.	5C1	4.93	0.00	197.2

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.79	HS 35.71	64.3
1.474	OPER.	HS20	2.98	HS 59.52	107.1
1.474	OPER.	2F1	5.68	0.00	85.2
1.474	OPER.	3F1	3.84	0.00	88.2
1.474	OPER.	4F1	3.45	0.00	93.1
1.474	OPER.	5C1	3.93	0.00	157.4

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.24	HS 44.71	80.5
1.474	OPER.	HS20	3.73	HS 74.52	134.1
1.474	OPER.	2F1	7.11	0.00	106.6

1.474	OPER.	3F1	4.80	0.00	110.5
1.474	OPER.	4F1	4.32	0.00	116.6
1.474	OPER.	5C1	4.93	0.00	197.0

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.79	HS 35.71	64.3
1.474	OPER.	HS20	2.98	HS 59.52	107.1
1.474	OPER.	2F1	5.68	0.00	85.2
1.474	OPER.	3F1	3.84	0.00	88.2
1.474	OPER.	4F1	3.45	0.00	93.1
1.474	OPER.	5C1	3.93	0.00	157.4

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.24	HS 44.71	80.5
1.474	OPER.	HS20	3.73	HS 74.52	134.1
1.474	OPER.	2F1	7.11	0.00	106.6

1.474	OPER.	3F1	4.80	0.00	110.5
1.474	OPER.	4F1	4.32	0.00	116.6
1.474	OPER.	5C1	4.93	0.00	197.0

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.73	HS 34.57	62.2
1.474	OPER.	HS20	2.88	HS 57.61	103.7
1.474	OPER.	2F1	5.49	0.00	82.4
1.474	OPER.	3F1	3.71	0.00	85.4
1.474	OPER.	4F1	3.34	0.00	90.1
1.474	OPER.	5C1	3.81	0.00	152.3

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.16	HS 43.29	77.9
1.474	OPER.	HS20	3.61	HS 72.14	129.9
1.474	OPER.	2F1	6.88	0.00	103.2

1.474	OPER.	3F1	4.65	0.00	106.9
1.474	OPER.	4F1	4.18	0.00	112.9
1.474	OPER.	5C1	4.77	0.00	190.7

BRIDGE / MEMBER DATA

SUMMARY REPORT

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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.71	HS 34.16	61.5
1.474	OPER.	HS20	2.85	HS 56.93	102.5
1.474	OPER.	2F1	5.43	0.00	81.5
1.474	OPER.	3F1	3.67	0.00	84.4
1.474	OPER.	4F1	3.30	0.00	89.1
1.474	OPER.	5C1	3.76	0.00	150.5

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.14	HS 42.75	77.0
1.474	OPER.	HS20	3.56	HS 71.26	128.3
1.474	OPER.	2F1	6.80	0.00	102.0

1.474	OPER.	3F1	4.59	0.00	105.6
1.474	OPER.	4F1	4.13	0.00	111.5
1.474	OPER.	5C1	4.71	0.00	188.4

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 38.833	Span 2 0.000	Span 3 0.000	Span 4 0.000	Span 5 0.000
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Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.89	HS 37.84	68.1
1.474	OPER.	HS20	3.15	HS 63.06	113.5
1.474	OPER.	2F1	6.01	0.00	90.2
1.474	OPER.	3F1	4.06	0.00	93.5
1.474	OPER.	4F1	3.65	0.00	98.7
1.474	OPER.	5C1	4.17	0.00	166.7

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.37	HS 47.36	85.3
1.474	OPER.	HS20	3.95	HS 78.94	142.1
1.474	OPER.	2F1	7.53	0.00	112.9

1.474	OPER.	3F1	5.09	0.00	117.0
1.474	OPER.	4F1	4.57	0.00	123.5
1.474	OPER.	5C1	5.22	0.00	208.7

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 38.833	Span 2 0.000	Span 3 0.000	Span 4 0.000	Span 5 0.000
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Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.94	HS 38.88	70.0
1.474	OPER.	HS20	3.24	HS 64.79	116.6
1.474	OPER.	2F1	5.74	0.00	86.1
1.474	OPER.	3F1	4.08	0.00	93.9
1.474	OPER.	4F1	3.86	0.00	104.3
1.474	OPER.	5C1	4.19	0.00	167.7

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
-1.000	INV.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	HS20	999.00	999.00	HS 0.00	0.00
-1.000	OPER.	2F1	999.00	999.00	0.00	0.00
-1.000	OPER.	3F1	999.00	999.00	0.00	0.00
-1.000	OPER.	4F1	999.00	999.00	0.00	0.00
-1.000	OPER.	5C1	999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	2.41	HS 48.18	86.7
1.474	OPER.	HS20	4.01	HS 80.30	144.5
1.474	OPER.	2F1	7.12	0.00	106.7

1.474	OPER.	3F1	5.06	0.00	116.4
1.474	OPER.	4F1	4.79	0.00	129.3
1.474	OPER.	5C1	5.20	0.00	207.9

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 25.000	Span 2 25.000	Span 3 25.000	Span 4 25.000	Span 5 25.000
	Span 6 25.000	Span 7 25.000	Span 8 25.000	Span 9 25.000	Span 10 25.000

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.24	HS 24.80	44.6
2.000	OPER.	HS20	2.07	HS 41.33	74.4
1.400	OPER.	2F1	3.21	0.00	48.1
1.400	OPER.	3F1	2.41	0.00	55.3
1.400	OPER.	4F1	2.24	0.00	60.6
1.400	OPER.	5C1	2.52	0.00	100.7

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.81	1.96	HS 36.20	65.20
2.000	OPER.	HS20	3.02	3.26	HS 60.33	108.60
2.000	OPER.	2F1	5.37	5.98	0.00	80.50
2.000	OPER.	3F1	3.81	4.18	0.00	87.70
2.000	OPER.	4F1	3.61	3.89	0.00	97.40
2.000	OPER.	5C1	3.93	4.38	0.00	157.20

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
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2.000	INV.	HS20	1.30	HS 26.04	46.9
2.000	OPER.	HS20	2.17	HS 43.40	78.1
1.400	OPER.	2F1	3.36	0.00	50.4
1.400	OPER.	3F1	2.52	0.00	57.9
1.400	OPER.	4F1	2.35	0.00	63.4
1.400	OPER.	5C1	2.63	0.00	105.3

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 25.000	Span 2 25.000	Span 3 25.000	Span 4 25.000	Span 5 25.000
	Span 6 25.000	Span 7 25.000	Span 8 25.000	Span 9 25.000	Span 10 25.000

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.16	HS 23.26	41.9
2.000	OPER.	HS20	1.94	HS 38.76	69.8
1.400	OPER.	2F1	2.96	0.00	44.4
1.400	OPER.	3F1	2.22	0.00	51.0
1.400	OPER.	4F1	2.07	0.00	55.9
1.400	OPER.	5C1	2.32	0.00	92.8

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.66	1.79	HS 33.12	59.60
2.000	OPER.	HS20	2.76	2.98	HS 55.21	99.40
2.000	OPER.	2F1	4.91	5.47	0.00	73.70
2.000	OPER.	3F1	3.49	3.82	0.00	80.30
2.000	OPER.	4F1	3.30	3.56	0.00	89.20
2.000	OPER.	5C1	3.60	4.01	0.00	143.90

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
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2.000	INV.	HS20	1.22	HS 24.37	43.9
2.000	OPER.	HS20	2.03	HS 40.62	73.1
1.400	OPER.	2F1	3.09	0.00	46.4
1.400	OPER.	3F1	2.32	0.00	53.3
1.400	OPER.	4F1	2.16	0.00	58.4
1.400	OPER.	5C1	2.42	0.00	97.0

BRIDGE / MEMBER DATA

SUMMARY REPORT

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 25.000	Span 2 25.000	Span 3 25.000	Span 4 25.000	Span 5 25.000
	Span 6 25.000	Span 7 25.000	Span 8 25.000	Span 9 25.000	Span 10 25.000

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.14	HS 22.77	41.0
2.000	OPER.	HS20	1.90	HS 37.95	68.3
1.400	OPER.	2F1	2.92	0.00	43.8
1.400	OPER.	3F1	2.19	0.00	50.4
1.400	OPER.	4F1	2.04	0.00	55.2
1.400	OPER.	5C1	2.29	0.00	91.6

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.64	1.77	HS 32.83	59.10
2.000	OPER.	HS20	2.74	2.96	HS 54.71	98.50
2.000	OPER.	2F1	4.87	5.43	0.00	73.00
2.000	OPER.	3F1	3.46	3.79	0.00	79.50
2.000	OPER.	4F1	3.27	3.52	0.00	88.40
2.000	OPER.	5C1	3.57	3.97	0.00	142.60

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
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2.000	INV.	HS20	1.19	HS 23.89	43.0
2.000	OPER.	HS20	1.99	HS 39.81	71.7
1.400	OPER.	2F1	3.05	0.00	45.8
1.400	OPER.	3F1	2.29	0.00	52.6
1.400	OPER.	4F1	2.14	0.00	57.7
1.400	OPER.	5C1	2.39	0.00	95.8

BRIDGE / MEMBER DATA

SUMMARY REPORT

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. S04 Symmetry:

Span Length:	Span 1 25.000	Span 2 25.000	Span 3 25.000	Span 4 25.000	Span 5 25.000
	Span 6 25.000	Span 7 25.000	Span 8 25.000	Span 9 25.000	Span 10 25.000

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.16	HS 23.26	41.9
2.000	OPER.	HS20	1.94	HS 38.76	69.8
1.400	OPER.	2F1	2.96	0.00	44.4
1.400	OPER.	3F1	2.22	0.00	51.0
1.400	OPER.	4F1	2.07	0.00	55.9
1.400	OPER.	5C1	2.32	0.00	92.8

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.66	1.79	HS 33.12	59.60
2.000	OPER.	HS20	2.76	2.98	HS 55.21	99.40
2.000	OPER.	2F1	4.91	5.47	0.00	73.70
2.000	OPER.	3F1	3.49	3.82	0.00	80.30
2.000	OPER.	4F1	3.30	3.56	0.00	89.20
2.000	OPER.	5C1	3.60	4.01	0.00	143.90

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
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2.000	INV.	HS20	1.22	HS 24.37	43.9
2.000	OPER.	HS20	2.03	HS 40.62	73.1
1.400	OPER.	2F1	3.09	0.00	46.4
1.400	OPER.	3F1	2.32	0.00	53.3
1.400	OPER.	4F1	2.16	0.00	58.4
1.400	OPER.	5C1	2.42	0.00	97.0

BRIDGE / MEMBER DATA

SUMMARY REPORT

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.	S05					Symmetry:
Span Length:	Span 1 25.000	Span 2 25.000	Span 3 25.000	Span 4 25.000	Span 5 25.000	
	Span 6 25.000	Span 7 25.000	Span 8 25.000	Span 9 25.000	Span 10 25.000	

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.500	INV.	HS20	1.18	HS 23.70	42.7
1.500	OPER.	HS20	1.98	HS 39.50	71.1
1.500	OPER.	2F1	2.89	0.00	43.4
1.500	OPER.	3F1	2.12	0.00	48.7
1.500	OPER.	4F1	1.99	0.00	53.8
1.500	OPER.	5C1	2.22	0.00	88.8

Shear

C.P.			Rating Factor (-)	Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.81	1.95	HS 36.22	65.20
2.000	OPER.	HS20	3.02	3.25	HS 60.37	108.70
2.000	OPER.	2F1	5.37	5.97	0.00	80.60
2.000	OPER.	3F1	3.82	4.16	0.00	87.80
2.000	OPER.	4F1	3.61	3.88	0.00	97.50
2.000	OPER.	5C1	3.93	4.37	0.00	157.30

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
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1.500	INV.	HS20	1.24	HS 24.80	44.6
1.500	OPER.	HS20	2.07	HS 41.34	74.4
1.500	OPER.	2F1	3.03	0.00	45.4
1.500	OPER.	3F1	2.22	0.00	51.0
1.500	OPER.	4F1	2.09	0.00	56.3
1.500	OPER.	5C1	2.32	0.00	93.0