

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 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	1.87	HS 37.35	67.2
1.474 OPER. 5C1T	4.03	0.00	322.3

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. 5C1T	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 44.91	80.8
1.474 OPER. 5C1T	4.84	0.00	387.5

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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	1.47	HS 29.47	53.0
1.474 OPER. 5C1T	3.25	0.00	259.7

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.75	HS 34.90	62.8
1.474 OPER. 5C1T	3.85	0.00	307.6

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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	1.39	HS 27.74	49.9
1.474 OPER. 5C1T	3.06	0.00	244.4

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.63	HS 32.66	58.8
1.474 OPER. 5C1T	3.60	0.00	287.8

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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	1.37	HS 27.32	49.2
1.474 OPER. 5C1T	3.01	0.00	240.7

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.59	HS 31.83	57.3
1.474 OPER. 5C1T	3.51	0.00	280.5

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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	1.42	HS 28.50	51.3
1.474 OPER. 5C1T	3.14	0.00	251.2

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.68	HS 33.62	60.5
1.474 OPER. 5C1T	3.70	0.00	296.3

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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	1.42	HS 28.46	51.2
1.474 OPER. 5C1T	3.13	0.00	250.8

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.68	HS 33.58	60.5
1.474 OPER. 5C1T	3.70	0.00	296.0

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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	1.42	HS 28.46	51.2
1.474 OPER. 5C1T	3.13	0.00	250.8

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.68	HS 33.59	60.5
1.474 OPER. 5C1T	3.70	0.00	296.1

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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	1.42	HS 28.39	51.1
1.474 OPER. 5C1T	3.13	0.00	250.2

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.68	HS 33.52	60.3
1.474 OPER. 5C1T	3.69	0.00	295.5

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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	1.35	HS 26.90	48.4
1.474 OPER. 5C1T	2.96	0.00	237.1

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.58	HS 31.59	56.9
1.474 OPER. 5C1T	3.48	0.00	278.4

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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

Moment

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.48	HS 29.53	53.1
1.474 OPER. 5C1T	3.25	0.00	260.2

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. 5C1T	999.00	999.00	0.00	0.00

Serviceability

C.P.	Rating Factor	Rating Value	Load Capacity (tons)
1.474 INV. HS20	1.73	HS 34.66	62.4
1.474 OPER. 5C1T	3.82	0.00	305.5

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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

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.87	HS 37.35	67.2
1.474	OPER.	5C1T	4.03	0.00	322.3

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.	5C1T	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 44.91	80.8
1.474	OPER.	5C1T	4.84	0.00	387.5

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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	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	

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.24	HS 24.80	44.6
1.400	OPER.	5C1T	2.40	0.00	192.3

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.	5C1T	3.89	4.38	0.00	310.90

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.30	HS 26.04	46.9
1.400	OPER.	5C1T	2.52	0.00	201.2

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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.	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	

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.29	HS 25.88	46.6
1.400	OPER.	5C1T	2.47	0.00	197.3

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.84	1.99	HS 36.86	66.40
2.000	OPER.	5C1T	3.96	4.46	0.00	316.60

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.36	HS 27.12	48.8
1.400	OPER.	5C1T	2.58	0.00	206.2

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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.	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	

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.27	HS 25.34	45.6
1.400	OPER.	5C1T	2.43	0.00	194.8

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	1.83	1.97	HS 36.53	65.80
2.000	OPER.	5C1T	3.92	4.42	0.00	313.80

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	1.33	HS 26.58	47.8
1.400	OPER.	5C1T	2.55	0.00	203.7

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Structure I. D. HAM500

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

Live Load Distribution Factor 0.286

Second Live Load Dist. Factor 0.286

Comments:

Member I. D.	S04					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	

Moment

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	5.17	HS103.44	186.2
1.400	OPER.	5C1T	9.86	0.00	788.6

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
2.000	INV.	HS20	7.37	7.96	HS147.32	265.20
2.000	OPER.	5C1T	15.81	17.83	0.00	999.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
2.000	INV.	HS20	5.42	HS108.40	195.1
1.400	OPER.	5C1T	10.30	0.00	823.9

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Structure I. D. HAM500

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

Live Load Distribution Factor 0.0

Second Live Load Dist. Factor 0.0

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)
1.000	INV.	HS20	999.00	HS999.00	999.0
1.000	OPER.	5C1T	999.00	0.00	999.0

Shear

C.P.			Rating Factor (-)	Rating Factor (+)	Rating Value	Load Capacity
1.000	INV.	HS20	999.00	999.00	HS999.00	999.00
1.000	OPER.	5C1T	999.00	999.00	0.00	999.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.000	INV.	HS20	999.00	HS999.00	999.0
1.000	OPER.	5C1T	999.00	0.00	999.0