

BRIDGE / MEMBER DATA

SUMMARY REPORT

Structure I. D. HAM500

Material of Construction SS
 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	1.31	HS 26.27	47.3
1.474	OPER.	5C1T	2.83	0.00	340.0
-1.000	POST.		999.00	0.00	0.0

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
-1.000	POST.		999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.37	HS 27.47	49.4
1.474	OPER.	5C1T	2.96	0.00	355.6
-1.000	POST.		999.00	0.00	0.0

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Structure I. D. HAM500

Material of Construction SS
 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	1.21	HS 24.13	43.4
1.474	OPER.	5C1T	2.60	0.00	312.4
-1.000	POST.		999.00	0.00	0.0

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
-1.000	POST.		999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.27	HS 25.43	45.8
1.474	OPER.	5C1T	2.74	0.00	329.2
-1.000	POST.		999.00	0.00	0.0

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Structure I. D. HAM500

Material of Construction SS
 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	1.06	HS 21.22	38.2
1.474	OPER.	5C1T	2.34	0.00	280.5
-1.000	POST.		999.00	0.00	0.0

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
-1.000	POST.		999.00	999.00	0.00	0.00

Serviceability

C.P.			Rating Factor	Rating Value	Load Capacity (tons)
1.474	INV.	HS20	1.12	HS 22.34	40.2
1.474	OPER.	5C1T	2.46	0.00	295.3
-1.000	POST.		999.00	0.00	0.0

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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 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
1.400	OPER.	5C1T	2.40	0.00	288.5
1.000	POST.		999.00	0.00	999.0

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	466.30
1.000	POST.		999.00	999.00	0.00	999.00

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	301.8
1.000	POST.		999.00	0.00	999.0

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 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 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	1.29	HS 25.88	46.6
1.400	OPER.	5C1T	2.47	0.00	296.0
1.000	POST.		999.00	0.00	999.0

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	474.90
1.000	POST.		999.00	999.00	0.00	999.00

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	309.2
1.000	POST.		999.00	0.00	999.0

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Live Load Distribution Factor 1.143

Second Live Load Dist. Factor 1.143

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	1.27	HS 25.34	45.6
1.400	OPER.	5C1T	2.43	0.00	292.2
1.000	POST.		999.00	0.00	999.0

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	470.60
1.000	POST.		999.00	999.00	0.00	999.00

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	305.5
1.000	POST.		999.00	0.00	999.0

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 Number of Spans 10

Live Load Distribution Factor 1.143

Second Live Load Dist. Factor 1.143

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	1.27	HS 25.34	45.6
1.400	OPER.	5C1T	2.43	0.00	292.2
1.000	POST.		999.00	0.00	999.0

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	470.60
1.000	POST.		999.00	999.00	0.00	999.00

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	305.5
1.000	POST.		999.00	0.00	999.0