

Mn/DOT Structure Inventory Report

Bridge ID: 9340

I 35W over RR, MISS R, 2ND ST & RD

Date: 08/02/2007

+ GENERAL +	+ ROADWAY +	+ INSPECTION +
Agency Br. No. Crew 7627	Bridge Match ID (TIS) 1	Deficient Status S.D.
District METRO Maint. Area METRO	Roadway O/U Key 1-ON	Sufficiency Rating 50.0
County 27 - HENNEPIN	Route Sys/Nbr Isth 35W	Last Inspection Date 06-15-2006
City MINNEAPOLIS	Roadway Name or Description	Inspection Frequency 12
Township I 35W	Roadway Function MAINLINE	Inspector Name METRO
Desc. Loc. 1.0 MI NE OF JCT TH 94	Roadway Type 2 WAY TRAF	Structure A-OPEN
Sect., Twp., Range 25 - 029N - 24W	Control Section (TH Only) 2783	+ CONDITION CODES +
Latitude 44d 58m 50.89s	Ref. Point (TH Only) 018+00.538	Deck 6 % UNSOUND 5
Longitude 93d 14m 40.09s	Date Opened to Traffic 01-01-1971	Superstructure 4
Custodian STATE HWY	Detour Length 6 mi.	Substructure 6
Owner STATE HWY	Lanes 8 Lanes ON Bridge	Channel 7
Inspection By METRO DISTRICT	ADT (YEAR) 141,000 (2004)	Culvert N
BMU Agreement No.	HCADT 5,640	+ APPRAISAL RATINGS +
Year Built 1967	Functional Class. URB/PR ART Isth	Structure Evaluation 4
Year Fed Rehab	+ RDWY DIMENSIONS +	Deck Geometry 4
Year Remodeled	If Divided NB-EB SB-WB	Underclearances 7
Temp	Roadway Width 52.0 ft 52.0 ft	Waterway Adequacy 9
Plan Avail. CENTRAL	Vertical Clearance	Approach Alignment 8
+ STRUCTURE +	Max. Vert. Clear.	+ SAFETY FEATURES +
Service On HIGHWAY	Horizontal Clear. 52.0 ft	Bridge Railing 1-MEETS STANDARDS
Service Under HWY;RR;STREAM	Lateral Clr. - Lt/Rt	Appr. Guardrail 1-MEETS STANDARDS
Main Span Type CSTL DECK TRUSS	Appr. Surface Width 108.0 ft	GR Transition 1-MEETS STANDARDS
Main Span Detail WARREN W/VERT	Roadway Width 104.0 ft	GR Termini 1-MEETS STANDARDS
Appr. Span Type CSTL BEAM SPAN	Median Width 4.0 ft	+ IN DEPTH INSP. +
Appr. Span Detail	+ MISC. BRIDGE DATA +	Frac. Critical Y 48 mo 06/2003
Skew	Structure Flared YES	Underwater Y 60 mo 12/2004
Culvert Type	Parallel Structure NONE	Pinned Asbly.
Barrel Length	Field Conn. ID RIVETED	Spec. Feat.
Number of Spans	Cantilever ID FRICTION	+ WATERWAY +
MAIN: 3 APPR: 11 TOTAL: 14	Foundations	Drainage Area
Main Span Length 456.0 ft	Abut. CONC - FTG PILE	Waterway Opening 50000 sq ft
Structure Length 1,907.0 ft	Pier CONC - SPRD ROCK	Navigation Control PERMIT REQD
Deck Width 113.3 ft - Varies	+ PAINT +	Pier Protection NOT REQUIRED
Deck Material C-I-P CONCRETE	Year Painted 1968 Pct. Unsound 15 %	Nav. Vert./Horz. Clr. 64 ft 400.0 ft
Wear Surf Type LOW SLUMP CONC	Painted Area 490,200 sf	Nav. Vert. Lift Bridge Clear.
Wear Surf Install Year 1978	Primer Type LEAD	MN Scour Code L-STBL;LOW RISK
Wear Course/Fill Depth 0.17 ft	Finish Type OTHER (UNKNOWN)	Scour Evaluation Year 1993
Deck Membrane NONE	+ BRIDGE SIGNS +	+ CAPACITY RATINGS +
Deck Rebars N/A	Posted Load NOT REQUIRED	Design Load HS20MOD
Deck Rebars Install Year	Traffic NOT REQUIRED	Operating Rating HS 33.0
Structure Area 219,086 sq ft	Horizontal NOT REQUIRED	Inventory Rating HS 20.0
Roadway Area 201,511 sq ft	Vertical NOT APPLICABLE	Posting
Sidewalk Width - L/R 1.5 ft 1.5 ft		Rating Date 12-01-1995
Curb Height - L/R 0.67 ft 0.67 ft		Mn/DOT Permit Codes
Rail Codes - L/R 22 46		A: 1 B: 1 C: 1

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Agency Br. No. Crew 7627	Bridge Match ID (TIS) 2	Deficient Status S.D.
District METRO Maint. Area METRO	Roadway O/U Key A-UNDER (1ST)	Sufficiency Rating 50.0
County 27 - HENNEPIN	Route Sys/Nbr MSAS 227	Last Inspection Date 06-15-2006
City MINNEAPOLIS	Roadway Name or Description	Inspection Frequency 12
Township	2ND ST SE (MSAS 227)	Inspector Name METRO
Desc. Loc. 1.0 MI NE OF JCT TH 94	Roadway Function MAINLINE	Structure A-OPEN
Sect., Twp., Range 25 - 029N - 24W	Roadway Type 2 WAY TRAF	+ CONDITION CODES +
Latitude 44d 58m 50.89s	Control Section (TH Only)	Deck 6 % UNSOUND 5
Longitude 93d 14m 40.09s	Ref. Point (TH Only)	Superstructure 4
Custodian STATE HWY	Date Opened to Traffic 01-01-1967	Substructure 6
Owner STATE HWY	Detour Length 6 mi.	Channel 7
Inspection By METRO DISTRICT	Lanes 2 Lanes UNDER Bridge	Culvert N
BMU Agreement No.	ADT (YEAR) 2,400 (2005)	+ APPRAISAL RATINGS +
Year Built 1967	HCA DT	Structure Evaluation 4
Year Fed Rehab	Functional Class. URB COLL	Deck Geometry 4
Year Remodeled	+ RDWY DIMENSIONS +	Underclearances 7
Temp	If Divided NB-EB SB-WB	Waterway Adequacy 9
Plan Avail. CENTRAL	Roadway Width 48.4 ft	Approach Alignment 8
+ STRUCTURE +	Vertical Clearance 15.8 ft	+ SAFETY FEATURES +
Service On HIGHWAY	Max. Vert. Clear. 15.8 ft	Bridge Railing 1-MEETS STANDARDS
Service Under HWY;RR;STREAM	Horizontal Clear. 54.2 ft	Appr. Guardrail 1-MEETS STANDARDS
Main Span Type CSTL DECK TRUSS	Lateral Clr. - Lt/Rt 14.6 ft	GR Transition 1-MEETS STANDARDS
Main Span Detail WARREN W/VERT	Appr. Surface Width 48.0 ft	GR Termini 1-MEETS STANDARDS
Appr. Span Type CSTL BEAM SPAN	Roadway Width 48.4 ft	+ IN DEPTH INSP. +
Appr. Span Detail	Median Width	Frac. Critical Y 48 mo 06/2003
Skew	+ MISC. BRIDGE DATA +	Underwater Y 60 mo 12/2004
Culvert Type	Structure Flared YES	Pinned Asbly.
Barrel Length	Parallel Structure NONE	Spec. Feat.
Number of Spans	Field Conn. ID RIVETED	+ WATERWAY +
MAIN: 3 APPR: 11 TOTAL: 14	Cantilever ID FRICTION	Drainage Area
Main Span Length 456.0 ft	Foundations	Waterway Opening 50000 sq ft
Structure Length 1,907.0 ft	Abut. CONC - FTG PILE	Navigation Control PERMIT REQD
Deck Width 113.3 ft - Varies	Pier CONC - SPRD ROCK	Pier Protection NOT REQUIRED
Deck Material C-I-P CONCRETE	+ PAINT +	Nav. Vert./Horz. Clr. 64 ft 400.0 ft
Wear Surf Type LOW SLUMP CONC	Year Painted 1968 Pct. Unsound 15 %	Nav. Vert. Lift Bridge Clear.
Wear Surf Install Year 1978	Painted Area 490,200 sf	MN Scour Code L-STBL;LOW RISK
Wear Course/Fill Depth 0.17 ft	Primer Type LEAD	Scour Evaluation Year 1993
Deck Membrane NONE	Finish Type OTHER (UNKNOWN)	+ CAPACITY RATINGS +
Deck Rebars N/A	+ BRIDGE SIGNS +	Design Load HS20MOD
Deck Rebars Install Year	Posted Load NOT REQUIRED	Operating Rating HS 33.0
Structure Area 219,086 sq ft	Traffic NOT REQUIRED	Inventory Rating HS 20.0
Roadway Area 201,511 sq ft	Horizontal NOT REQUIRED	Posting
Sidewalk Width - L/R 1.5 ft 1.5 ft	Vertical NOT APPLICABLE	Rating Date 12-01-1995
Curb Height - L/R 0.67 ft 0.67 ft		Mn/DOT Permit Codes
Rail Codes - L/R 22 46		A: 1 B: 1 C: 1

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District METRO Maint. Area METRO	Roadway O/U Key B-UNDER (2ND)	Sufficiency Rating 50.0
County 27 - HENNEPIN	Route Sys/Nbr MUN 2062	Last Inspection Date 06-15-2006
City MINNEAPOLIS	Roadway Name or Description	Inspection Frequency 12
Township	LOCK & DAM RD	Inspector Name METRO
Desc. Loc. 1.0 MI NE OF JCT TH 94	Roadway Function MAINLINE	Structure A-OPEN
Sect., Twp., Range 25 - 029N - 24W	Roadway Type 1 LN;2 WAY	+ CONDITION CODES +
Latitude 44d 58m 50.89s	Control Section (TH Only)	Deck 6 % UNSOUND 5
Longitude 93d 14m 40.09s	Ref. Point (TH Only)	Superstructure 4
Custodian STATE HWY	Date Opened to Traffic 01-01-1967	Substructure 6
Owner STATE HWY	Detour Length 6 mi.	Channel 7
Inspection By METRO DISTRICT	Lanes 1 Lane UNDER Bridge	Culvert N
BMU Agreement No.	ADT (YEAR) 30 (1971)	+ APPRAISAL RATINGS +
Year Built 1967	HCADT	Structure Evaluation 4
Year Fed Rehab	Functional Class. URBAN LOCAL	Deck Geometry 4
Year Remodeled	+ RDWY DIMENSIONS +	Underclearances 7
Temp	If Divided NB-EB SB-WB	Waterway Adequacy 9
Plan Avail. CENTRAL	Roadway Width 18.0 ft	Approach Alignment 8
+ STRUCTURE +	Vertical Clearance 18.1 ft	+ SAFETY FEATURES +
Service On HIGHWAY	Max. Vert. Clear. 18.1 ft	Bridge Railing 1-MEETS STANDARDS
Service Under HWY;RR;STREAM	Horizontal Clear. 18.0 ft	Appr. Guardrail 1-MEETS STANDARDS
Main Span Type CSTL DECK TRUSS	Lateral Clr. - Lt/Rt 10.0 ft	GR Transition 1-MEETS STANDARDS
Main Span Detail WARREN W/VERT	Appr. Surface Width 18.0 ft	GR Termini 1-MEETS STANDARDS
Appr. Span Type CSTL BEAM SPAN	Roadway Width 18.0 ft	+ IN DEPTH INSP. +
Appr. Span Detail	Median Width	Frac. Critical Y 48 mo 06/2003
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