

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 7769

CR 666 over DM;IR RY

Date: 11/26/2018

+ GENERAL +	+ ROADWAY ON BRIDGE +	+ INSPECTION +
Agency Br. No. 844	Road Name CO RD 666	Deficient Status S.D.
District 1 Maint. Area	Functional Class. RUR/MINOR COLL	Sufficiency Rating 71.6
County 69 - ST LOUIS	ADT (YEAR) 520 (2003)	Last Routine Insp Date 05-16-2018
City HOYT LAKES	HCADT	Routine Insp Frequency 24
Township	National Highway System N	Inspector Name ST LOUIS COUNTY
Desc. Loc. 1.8 MI NE OF JCT CSAH 11	Route Sys/Nbr CNTY 666	Status A-OPEN
Sect., Twp., Range 04 - 058N - 14W	Ref. Point (TIS) 001+00.980	+ NBI CONDITION RATINGS +
Latitude 47d 32m 04.49s	Detour Length 7 mi.	Deck 4
Longitude 92d 06m 56.77s	Lanes 2 Lanes ON Bridge	Superstructure 6
Custodian COUNTY	Control Section (TH Only)	Substructure 5
Owner COUNTY	Function MAINLINE	Channel N
Insp Responsibility ST LOUIS COUNTY	Type 2 WAY TRAF	Culvert N
Year Built 1956	Bridge Match ID 1	+ NBI APPRAISAL RATINGS +
Date Opened to Traffic	Roadway Key 1-ON	Structure Evaluation 5
MN Year Remodeled	+ RDWY DIMENSIONS ON BRIDGE +	Deck Geometry 5
FHWA Year Reconstructed	If Divided NB-EB SB-WB	Underclearances 4
Bridge Plan Location COUNTY	Roadway Width 26.5 ft	Waterway Adequacy N
Potential ABC N.A.	Vertical Clearance	Approach Alignment 7
+ STRUCTURE +	Max. Vert. Clear.	+ SAFETY FEATURES +
Service On HIGHWAY	Horizontal Clear.	Bridge Railing 0-SUBSTANDARD
Service Under RAILROAD	Appr. Surface Width 36.0 ft	GR Transition 0-SUBSTANDARD
Main Span Type STEEL BM SPAN	Bridge Roadway Width 26.5 ft	Appr. Guardrail 0-SUBSTANDARD
Main Span Detail	Median Width on Bridge NA	GR Termini 0-SUBSTANDARD
Appr. Span Type	+ MISC. BRIDGE DATA +	+ SPECIAL INSPECTIONS +
Appr. Span Detail	Structure Flared NO	Frac. Critical N
Skew 20R	Parallel Structure NONE	Underwater N
Culvert Type	Field Conn. ID	Pinned Asbly. N
Barrel Length	Cantilever ID	+ WATERWAY +
Number of Spans	Foundations	Drainage Area
MAIN: 3 APPR: 0 TOTAL: 3	Abut. CONC - SPRD ROCK	Waterway Opening
Main Span Length 43.0 ft	Pier CONC - SPRD ROCK	Navigation Control NOT APPL
Structure Length 129.0 ft	Historic Status NOT ELIGIBLE	Pier Protection
Deck Width 30.6 ft	On - Off System OFF	Nav. Vert./Horz. Clr.
Deck Material C-I-P CONCRETE	+ PAINT +	Nav. Vert. Lift Bridge Clear.
Wear Surf Type MONOLITHIC CONC	Year Painted 1988	MN Scour Code A-NON WATERWAY
Wear Surf Install Year 1956	Painted Area 5,330 sf	Scour Evaluation Year
Wear Course/Fill Depth	Primer Type ORGANIC ZINC	+ CAPACITY RATINGS +
Deck Membrane NONE	Finish Type VINYL	Design Load H 20
Deck Rebars NONE	+ BRIDGE SIGNS +	Operating Rating HS 49.50
Deck Rebars Install Year	Posted Load NOT REQUIRED	Inventory Rating HS 29.60
Structure Area 3,947 sq ft	Traffic NOT REQUIRED	Posting
Roadway Area 3,423 sq ft	Horizontal OBJECT MARKERS	Rating Date 09-17-2013
Sidewalk Width - L/R	Vertical NOT APPLICABLE	Overweight Permit Codes
Curb Height - L/R 0.83 ft 0.83 ft		A: N B: N C: N
Rail Codes - L/R 37 37		