

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: L1037

CSAH 70 over DUNKA RIVER

Date: 11/27/2018

+ GENERAL +	+ ROADWAY ON BRIDGE +	+ INSPECTION +
Agency Br. No. 288	Road Name SCOTT RD	Deficient Status S.D.
District 1 Maint. Area	Functional Class. RUR/MAJOR COLL	Sufficiency Rating 82.2
County 69 - ST LOUIS	ADT (YEAR) 212 (1990)	Last Routine Insp Date 07-05-2018
City BABBITT	HCADT	Routine Insp Frequency 12
Township	National Highway System N	Inspector Name ST LOUIS COUNTY
Desc. Loc. 2.5 MI W OF JCT CO LINE	Route Sys/Nbr CSAH 70	Status A-OPEN
Sect., Twp., Range 15 - 060N - 12W	Ref. Point (TIS) 006+00.955	
Latitude 47d 41m 02.75s	Detour Length 50 mi.	+ NBI CONDITION RATINGS +
Longitude 91d 50m 55.05s	Lanes 2 Lanes ON Bridge	Deck 4
Custodian COUNTY	Control Section (TH Only)	Superstructure 6
Owner COUNTY	Function MAINLINE	Substructure 6
Insp Responsibility ST LOUIS COUNTY	Type 2 WAY TRAF	Channel 7
Year Built 1962	Bridge Match ID 1	Culvert N
Date Opened to Traffic 01-01-1901	Roadway Key 1-ON	
MN Year Remodeled		+ NBI APPRAISAL RATINGS +
FHWA Year Reconstructed	+ RDWY DIMENSIONS ON BRIDGE +	Structure Evaluation 6
Bridge Plan Location NO PLAN	If Divided NB-EB SB-WB	Deck Geometry 5
Potential ABC N.A.	Roadway Width 24.3 ft	Underclearances N
	Vertical Clearance	Waterway Adequacy 7
+ STRUCTURE +	Max. Vert. Clear.	Approach Alignment 7
Service On HIGHWAY	Horizontal Clear. 24.3 ft	+ SAFETY FEATURES +
Service Under STREAM	Appr. Surface Width 28.0 ft	Bridge Railing 0-SUBSTANDARD
Main Span Type STEEL BM SPAN	Bridge Roadway Width 24.3 ft	GR Transition 0-SUBSTANDARD
Main Span Detail	Median Width on Bridge NA	Appr. Guardrail 0-SUBSTANDARD
Appr. Span Type		GR Termini 0-SUBSTANDARD
Appr. Span Detail	+ MISC. BRIDGE DATA +	+ SPECIAL INSPECTIONS +
Skew	Structure Flared NO	Frac. Critical N
Culvert Type	Parallel Structure NONE	Underwater N
Barrel Length	Field Conn. ID UNKN	Pinned Asbly. N
Number of Spans	Cantilever ID UNKN	
MAIN: 1 APPR: 0 TOTAL: 1	Foundations	+ WATERWAY +
Main Span Length 39.4 ft	Abut. TIMBER - PILE BENT	Drainage Area 11.6 sq mi
Structure Length 42.5 ft	Pier N/A	Waterway Opening 280 sq ft
Deck Width 26.0 ft	Historic Status NOT ELIGIBLE	Navigation Control NO PRMT REQD
Deck Material C-I-P CONCRETE	On - Off System ON	Pier Protection
Wear Surf Type BITUMINOUS	+ PAINT +	Nav. Vert./Horz. Clr.
Wear Surf Install Year	Year Painted	Nav. Vert. Lift Bridge Clear.
Wear Course/Fill Depth	Painted Area	MN Scour Code L-STBL;LOW RISK
Deck Membrane NONE	Primer Type UNKN	Scour Evaluation Year 2016
Deck Rebars NONE	Finish Type UNKN	+ CAPACITY RATINGS +
Deck Rebars Install Year	+ BRIDGE SIGNS +	Design Load H 20
Structure Area 1,105 sq ft	Posted Load NOT REQUIRED	Operating Rating HS 38.80
Roadway Area 1,033 sq ft	Traffic NOT REQUIRED	Inventory Rating HS 23.20
Sidewalk Width - L/R	Horizontal OBJECT MARKERS	Posting
Curb Height - L/R	Vertical NOT APPLICABLE	Rating Date 03-04-2013
Rail Codes - L/R 37 37		Overweight Permit Codes
		A: N B: N C: N