

MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 7680

CSAH 22 over STONY BROOK

Date: 11/26/2018

+ GENERAL +	+ ROADWAY ON BRIDGE +	+ INSPECTION +
Agency Br. No. 649	Road Name CSAH 22	Deficient Status S.D.
District 1 Maint. Area	Functional Class. RUR/MAJOR COLL	Sufficiency Rating 56.7
County 69 - ST LOUIS	ADT (YEAR) 430 (2008)	Last Routine Insp Date 05-09-2018
City	HCADT	Routine Insp Frequency 12
Township MORCOM	National Highway System N	Inspector Name ST LOUIS COUNTY
Desc. Loc. 2.7 MI W OF JCT CSAH5	Route Sys/Nbr CSAH 22	Status A-OPEN
Sect., Twp., Range 18 - 061N - 21W	Ref. Point (TIS) 000+00.290	
Latitude 47d 46m 39.32s	Detour Length 7 mi.	+ NBI CONDITION RATINGS +
Longitude 93d 04m 36.00s	Lanes 2 Lanes ON Bridge	Deck N
Custodian COUNTY	Control Section (TH Only)	Superstructure N
Owner COUNTY	Function MAINLINE	Substructure N
Insp Responsibility ST LOUIS COUNTY	Type 2 WAY TRAF	Channel 5
Year Built 1945	Bridge Match ID 1	Culvert 4
Date Opened to Traffic	Roadway Key 1-ON	
MN Year Remodeled		+ NBI APPRAISAL RATINGS +
FHWA Year Reconstructed	+ RDWY DIMENSIONS ON BRIDGE +	Structure Evaluation 4
Bridge Plan Location NO PLAN	If Divided NB-EB SB-WB	Deck Geometry N
Potential ABC N.A.	Roadway Width 24.0 ft	Underclearances N
	Vertical Clearance	Waterway Adequacy 9
	Max. Vert. Clear.	Approach Alignment 8
	Horizontal Clear.	+ SAFETY FEATURES +
	Appr. Surface Width 30.0 ft	Bridge Railing N-NOT REQUIRED
	Bridge Roadway Width	GR Transition N-NOT REQUIRED
	Median Width on Bridge NA	Appr. Guardrail 0-SUBSTANDARD
		GR Termini 0-SUBSTANDARD
+ STRUCTURE +	+ MISC. BRIDGE DATA +	+ SPECIAL INSPECTIONS +
Service On HIGHWAY	Structure Flared NO	Frac. Critical N
Service Under STREAM	Parallel Structure NONE	Underwater N
Main Span Type CONC BOX CULV	Field Conn. ID	Pinned Asbly. N
Main Span Detail	Cantilever ID	
Appr. Span Type	Foundations	+ WATERWAY +
Appr. Span Detail	Abut. N/A	Drainage Area
Skew	Pier N/A	Waterway Opening 120 sq ft
Culvert Type W108D	Historic Status NOT ELIGIBLE	Navigation Control NO PRMT REQD
Barrel Length 70 ft	On - Off System ON	Pier Protection
	+ PAINT +	Nav. Vert./Horz. Clr.
Number of Spans		Nav. Vert. Lift Bridge Clear.
MAIN: 2 APPR: 0 TOTAL: 2	Year Painted	MN Scour Code E-CULVERT
Main Span Length 10.0 ft	Painted Area	Scour Evaluation Year
Structure Length 22.0 ft	Primer Type	+ CAPACITY RATINGS +
Deck Width	Finish Type	Design Load H 20
Deck Material N/A		Operating Rating HS 16.00
Wear Surf Type BITUMINOUS	+ BRIDGE SIGNS +	Inventory Rating HS 12.00
Wear Surf Install Year	Posted Load NOT REQUIRED	Posting
Wear Course/Fill Depth 15.00 ft	Traffic NOT REQUIRED	Rating Date 02-01-1991
Deck Membrane N/A	Horizontal NOT REQUIRED	Overweight Permit Codes
Deck Rebars N/A	Vertical NOT APPLICABLE	A: N B: N C: N
Deck Rebars Install Year		
Structure Area		
Roadway Area		
Sidewalk Width - L/R		
Curb Height - L/R		
Rail Codes - L/R NN NN		