MINNESOTA STRUCTURE INVENTORY REPORT

Bridge ID: 7780 **CSAH 133 over DITCH** Date: 11/26/2018

+ GENERAL +

Agency Br. No. 187
District 1 **Maint. Area**
County 69 - ST LOUIS
City
Township NORTHLAND
Desc. Loc. 3.6 MI W OF JCT TH53
Sect., Twp., Range 18 - 053N - 17W
Latitude 47d 04m 10.69s
Longitude 92d 32m 53.86s
Custodian COUNTY
Owner COUNTY
Insp Responsibility ST LOUIS COUNTY
Year Built 1939
Date Opened to Traffic
MN Year Remodeled
FHWA Year Reconstructed
Bridge Plan Location NO PLAN
Potential ABC N.A.

+ STRUCTURE +

Service On HIGHWAY
Service Under STREAM
Main Span Type CONC BOX CULV
Main Span Detail
Appr. Span Type
Appr. Span Detail
Skew
Culvert Type W126D
Barrel Length 42 ft
Number of Spans
MAIN: 2 APPR: 0 TOTAL: 2
Main Span Length 12.0 ft
Structure Length 26.4 ft
Deck Width
Deck Material N/A
Wear Surf Type BITUMINOUS
Wear Surf Install Year
Wear Course/Fill Depth 1.50 ft
Deck Membrane N/A
Deck Rebars N/A
Deck Rebars Install Year
Structure Area
Roadway Area
Sidewalk Width - L/R
Curb Height - L/R
Rail Codes - L/R NN NN

+ ROADWAY ON BRIDGE +

Road Name CSAH 133
Functional Class. RUR/MAJOR COLL
ADT (YEAR) 619 (2008)
HCADT
National Highway System N
Route Sys/Nbr CSAH 133
Ref. Point (TIS) 024+00.640
Detour Length 10 mi.
Lanes 2 Lanes ON Bridge
Control Section (TH Only)
Function MAINLINE
Type 2 WAY TRAF
Bridge Match ID 1
Roadway Key 1-ON

+ RDWY DIMENSIONS ON BRIDGE +

If Divided	NB-EB	SB-WB
Roadway Width	30.0 ft	
Vertical Clearance		
Max. Vert. Clear.		
Horizontal Clear.		
Appr. Surface Width	30.0 ft	
Bridge Roadway Width		
Median Width on Bridge	NA	

+ MISC. BRIDGE DATA +

Structure Flared NO
Parallel Structure NONE
Field Conn. ID
Cantilever ID
Foundations
Abut. N/A
Pier N/A
Historic Status NOT ELIGIBLE
On - Off System ON

+ PAINT +

Year Painted
Painted Area
Primer Type
Finish Type

+ BRIDGE SIGNS +

Posted Load NOT REQUIRED
Traffic NOT REQUIRED
Horizontal OBJECT MARKERS
Vertical NOT APPLICABLE

+ INSPECTION +

Deficient Status S.D.
Sufficiency Rating 65.0
Last Routine Insp Date 05-07-2018
Routine Insp Frequency 12
Inspector Name ST LOUIS COUNTY
Status A-OPEN

+ NBI CONDITION RATINGS +

Deck	N
Superstructure	N
Substructure	N
Channel	6
Culvert	4

+ NBI APPRAISAL RATINGS +

Structure Evaluation	4
Deck Geometry	N
Underclearances	N
Waterway Adequacy	9
Approach Alignment	8

+ SAFETY FEATURES +

Bridge Railing N-NOT REQUIRED
GR Transition N-NOT REQUIRED
Appr. Guardrail 1-MEETS STANDARDS
GR Termini 1-MEETS STANDARDS

+ SPECIAL INSPECTIONS +

Frac. Critical N
Underwater Y 60 mo 09/2016
Pinned Asbly. N

+ WATERWAY +

Drainage Area
Waterway Opening 144 sq ft
Navigation Control NO PRMT REQD
Pier Protection
Nav. Vert./Horz. Clr.
Nav. Vert. Lift Bridge Clear.
MN Scour Code E-CULVERT
Scour Evaluation Year

+ CAPACITY RATINGS +

Design Load UNKN
Operating Rating HS 20.00
Inventory Rating HS 15.00
Posting
Rating Date 02-01-1991
Overweight Permit Codes
A: N B: N C: N