

# Bridge Scoping and Cost Estimating Assessment

## Bridge Replacement or Major Rehabilitation

Date: 12/5/17

Trunk Highway(s): 18	S.P.: 1803-40	S.A.P.: .	Letting Date: 1/1/19
County(s): Crow Wing	City(s):	District(s): 3	
Location: Portage Creek 2 Mi West of MN 6 Jct on MN 18			

Proposed Bridge Information:						Date of Assessment:	
Work Type:	Number of Bridges in Project:	Proposed Bridge No:			Inplace Bridge No: .		
Feature Crossed:	Bridge Type:	Deck Area:	Sq. Ft.	Bridge Length:	Lin. Ft.	Bridge Width :	Lin. Ft.
No. of Spans:	No. of Lanes on Proposed Bridge		Inside Shoulder Width	Lin. Ft.	Outside Shoulder Width	Lin. Ft.	
Type of Barrier:	No. of Barriers:		Median Width	Lin. Ft.			
Sidewalk Width .A. Lin. Ft. <input type="checkbox"/> One Side <input type="checkbox"/> Both Sides			Trail Width	Lin. Ft.	<input type="checkbox"/> One Side <input type="checkbox"/> Both Sides		
Abutment Type: : <input type="checkbox"/> Tall Parapet <input type="checkbox"/> Medium Parapet <input type="checkbox"/> Low Parapet <input type="checkbox"/> Integral				Pier Type: : <input type="checkbox"/> Wall <input type="checkbox"/> Column <input type="checkbox"/> w / Strut <input type="checkbox"/> Encased Pile			
Design Organization: <input checked="" type="checkbox"/> Mn/DOT <input type="checkbox"/> Consultant <input type="checkbox"/> Partnership <input type="checkbox"/> State Aid <input type="checkbox"/> By Others <input type="checkbox"/> Border Bridge <input type="checkbox"/> Design Build							
Comments:							

Bridge Estimating Unit: (All Estimated Costs in Year of Estimate Dollars)		Year of Estimate:
Estimated Proposed Structure Cost:	Estimate Includes : <input type="checkbox"/> Mobility <input type="checkbox"/> Aesthetics <input type="checkbox"/> Staging	
Inplace Structure Removal Cost :	Type (Level) of Estimate : <input type="checkbox"/> Planning Level <input checked="" type="checkbox"/> Scoping Level	
Foundations: <input type="checkbox"/> Borings <input type="checkbox"/> Inplace Structure <input type="checkbox"/> None Available		
Estimator:	Date:	
Comments:		

Bridge Hydraulics Unit:			
New Bridge <input type="checkbox"/> Yes <input type="checkbox"/> No		New Culvert: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Bridge Survey Available: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Structure Skew Angle 0 Degrees	High Water of Record Elevation	Feet <input checked="" type="checkbox"/> Not Available
Low Bridge Elevation	Feet <input checked="" type="checkbox"/> Not Available	Flow Line Elevation	Feet <input checked="" type="checkbox"/> Not Available
Approximate	Sq. Ft. of Waterway Available Below	Feet <input checked="" type="checkbox"/> Not Available	
Rip Rap Type: : <input type="checkbox"/> Yes <input type="checkbox"/> No	Class	Rip Rap Thickness:	Inches    Granular Filter: <input type="checkbox"/> Yes <input type="checkbox"/> No    Inches
Comments: Inplace structure is 10X4 box. Flows are relatively low at this location. Not a lot of issues that we can see. Replace with new box similar size.			

Bridge Office Contact:	List of Attachments:
Name: Petra DeWall	<input type="checkbox"/> Preliminary Waterway Analysis
Title: Waterway Engineer	Preliminary Sketches: <input type="checkbox"/> Attached <input type="checkbox"/> Not Available
Address: 3485 Hadley Ave. N. Oakdale, MN 55128-3307	L.R.F.D. Design Tables:
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Assessment Information Distribution List:		
Name:	Name:	Name: Petra DeWall
Title:	Title:	Title: Waterways Engineer
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