

# Request for Bridge Scoping and Cost Estimating Assessment

## Bridge Replacement or Major Rehabilitation (Form A)

Date: 11-01-17

|   |   |   |                  |   |
|---|---|---|------------------|---|
| Trunk Highway(s): 18  |   | S.P.: 1803-40   | S.A.P.:          | Letting Date: 2019  |
| County(s): Crow Wing  |   | City(s):  |                  | District(s): 3  |
| Location: Portage Creek 2 Mi West of MN 6 JCT on MN 18  |   |   |                  |   |
| Project Stage: <input type="checkbox"/> Planning <input checked="" type="checkbox"/> Scoping <input type="checkbox"/> Other |   |   | Unique Features: |   |
| Geometric Layout: <input type="checkbox"/> Yes File Name:<br><input checked="" type="checkbox"/> Not yet available          |   | Topographic Information: <input type="checkbox"/> Yes File Name:<br><input checked="" type="checkbox"/> Not yet available |                  | Mapping Information: <input type="checkbox"/> Yes File Name:<br><input checked="" type="checkbox"/> Not yet available   |
| Bridge:   | Inplace Bridge No: 4108<br>Feature Crossed: Portage Creek |   |                  | <b>A.B.C. Stage 1 Assessment</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A<br>If Yes, attach Stage 2: |

| Roadway Design Information:   |   |  |                        |
|---|---|--|------------------------|
| Design Year 2019  | Current A.D.T. 4,450  | Projected A.D.T.                           | Design Speed 60 M.P.H. |
| No. of Lanes: 2   | Approach Inside Shoulder Width 6 Lin. Ft.   | Approach Outside Shoulder Width 8 Lin. Ft. |                        |
| Sidewalk Width NA Lin. Ft. <input type="checkbox"/> One Side <input type="checkbox"/> Both Sides  | Trail Width NA Lin. Ft. <input type="checkbox"/> One Side <input type="checkbox"/> Both Sides | Median Width NA Lin. Ft.                   |                        |
| Environmental Document: <input type="checkbox"/> Project Memorandum <input checked="" type="checkbox"/> EAW <input type="checkbox"/> EA/EAW <input type="checkbox"/> EIS - done <input type="checkbox"/> None | Assumptions:  |  |                        |

| Bridge Estimating Unit:  |  |
|--|--|
| Type (Level) of Estimate Required: <input type="checkbox"/> Planning Level <input checked="" type="checkbox"/> Scoping Level   | Total Anticipated Project Construction Cost : \$1,250,000.00 |
| Stage Construction : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> Provide Discussion of Staging or Detour as Attachment | Grade Restrictions:  |

| Bridge Hydraulics Unit:   |  |
|---|--|
| Preliminary Analysis Required from the Bridge Hydraulics Unit <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | Bridge Hydraulic Survey Complete: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    |
| Check All of the Following that are being Requested: <input type="checkbox"/> Bridge Waterway <input checked="" type="checkbox"/> Culvert Waterway <input type="checkbox"/> Culvert/Bridge Comparison |  |
| <input type="checkbox"/> Substructure Check for Scour Stability   | <input type="checkbox"/> Deck Drainage <input type="checkbox"/> Countermeasure Recommendation            |
| A preliminary waterway recommendation is more likely to be revised if there is minimal data. Check off available data.  |  |
| <input type="checkbox"/> Photos (Upstream, Downstream, Through Structure)   | <input type="checkbox"/> Road Profile (Inplace and Proposed)   |
| <input type="checkbox"/> Special Considerations (Boat Passage, Bike or Pedestrian Trails, Other)  | <input checked="" type="checkbox"/> D.N.R. Issues (Public Water, Fish Passage, Wildlife Crossing, Other) |
| <input type="checkbox"/> Historical Performance (History of Scour, Flooding, Overtopping, Sedimentation, Maintenance)   |  |

| Project Contact:                   | Consultant Project Contact: | List of Attachments or Location of Files:   |
|------------------------------------|-----------------------------|---|
| Name: Matt Indihar                 | Name:                       | <input checked="" type="checkbox"/> Project Location Map  |
| Title: PM                          | Title:                      | <input type="checkbox"/> USGS 7.5 minute Quad Map(s) – showing project termini (and borrow/disposal areas, if applicable)                                     |
| Address: Baxter                    | Address:                    | Aerial Photograph of Project Area:<br><input checked="" type="checkbox"/> Attached <input type="checkbox"/> Under Separate Cover <input type="checkbox"/> N/A |
| Phone: 218-828-5737                | Phone:                      | Preliminary Layout or Draft Layout: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Not Available                                       |
| Fax:                               | Fax:                        | Geometric Design Table <input type="checkbox"/> Draft <input type="checkbox"/> Final <input checked="" type="checkbox"/> Not Available                        |
| Email: matthew.indihar@state.mn.us | Email:                      | Other Maps, Photos or Attachments:  |

| This Project Will Likely Include: Please Include Description for Any Box Checked Below and In Attachments |   |   |
|---|---|---|
| <input type="checkbox"/> Bike Trails  | <input type="checkbox"/> Future Railroad                              | <input type="checkbox"/> Signals / Lighting                           |
| <input type="checkbox"/> Boat Passage   | <input type="checkbox"/> Grading for Curve Correction                 | <input type="checkbox"/> Slope Stability Issues                       |
| <input type="checkbox"/> Bridge Demo, Rehabilitation or Replacement                                       | <input checked="" type="checkbox"/> Guardrail Replacement             | <input checked="" type="checkbox"/> Staged Construction               |
| <input checked="" type="checkbox"/> Bypass Lane or Turn Lane Construction                                 | <input checked="" type="checkbox"/> Major Grading                     | <input type="checkbox"/> Stormwater Pond Construction                 |
| <input type="checkbox"/> Culvert Extension or Lining  | <input type="checkbox"/> Pedestrian Trails                            | <input checked="" type="checkbox"/> Temporary Easement                |
| <input type="checkbox"/> Culvert Replacement  | <input type="checkbox"/> Permanent Stream Diversion                   | <input checked="" type="checkbox"/> Temporary Stream Diversion        |
| <input checked="" type="checkbox"/> Ditch Grading   | <input checked="" type="checkbox"/> Realignment                       | <input checked="" type="checkbox"/> Wetland Fill or Excavation        |
| <input checked="" type="checkbox"/> DNR Stream/Water Crossings  | <input type="checkbox"/> Relocations                                  | <input type="checkbox"/> Widening of Roadway or Shoulder              |
| <input checked="" type="checkbox"/> Early Notification Memo Available                                     | <input checked="" type="checkbox"/> Resurfacing / Rehabilitation      | <input checked="" type="checkbox"/> Work Outside of Existing R/W      |
| <input type="checkbox"/> Elimination of Bicycle Access  | <input checked="" type="checkbox"/> Right of Way Acquisition          | <input checked="" type="checkbox"/> Work Outside of Existing Shoulder |
| <input type="checkbox"/> Erosion Repair   | <input checked="" type="checkbox"/> Road Profile (Inplace / Proposed) |   |