***NOTE: If many structures are involved with the same type of work (ex. joint sealing, deck spall repair, etc.), separate survey sheets are not required, however, answer any applicable questions that pertain to the structures and provide a table listing all the structure numbers (14 digit) and Proposed Actions.***

**STRUCTURE NO.** **RECALL NO.**

(14 digit number)

**STRUCTURE NAME / FEATURE CROSSED**

(Attach the Structure Inventory and Appraisal Form)

**ATTACHMENTS:**

1. **Project Site Map:   
   Provide a map with the structure number and location shown along with any state route detour information.**
2. **General Plan Sheet:   
   Provide a copy of the general plan sheet of the existing structure if available.**
3. **Photographs:  
   Provide photographs showing the following:**
   1. **Structure number**
   2. **Upstream, downstream (or railroad, or feature crossed) both toward the structure and looking away. Include features that may affect hydraulic design and constructability.**
   3. **Up station and down station along bridge centerline (project geometry).**
   4. **Bridge embankment / abutment, visible utility lines or markers.**
   5. **For repair or rehabilitation projects, individual areas of the structure to be addressed in the project along with the deficiency described.**
   6. **Significant features, buildings, residences, businesses, environmental impacts, constructability issues, etc.**

**PROPOSED ACTION:**

**Provide a detailed project scope with additional photographs as needed:**

GENERAL

(Please explain details when applicable or place an NA if not)

**Is there any unusual frequency and/or types of accidents or other safety concerns at this site?**

**Are there any bridge structures within 1000’ of this structure that may be affected by the work being proposed on this structure?**

**Have any significant repairs been done to the structure that will improve the NBI condition rating of the structure?**

**Any there any future plans for overlaying or widening the route, paving the shoulders or any other improvements around the existing structure?**

**Is the bridge supported on skewed bents?**

**Has the bridge been overlaid with asphalt or other materials?**

**Are there any existing maintenance problems at this site that need to be addressed under the new project?**

**Is there any significant use of this route for industrial or agriculture purposes that result in high truck volumes?**

MAINTENANCE OF TRAFFIC

**Can the District support closing the road during construction? Is there an alternate state route available?**

**If phased construction is considered at this site, could the District support a one-lane roadway with signals during construction?**

**Are there any navigational requirements at this bridge site? If so, what type of vessels use the waterway?**

**Are there any railroad requirements that will need to be addressed at this bridge site?**

(Overpass, underpass, at grade crossing, parallel track, etc.

CONSTRUCTABILITY

**Are there any obvious access issues that may affect the contractors’ construction of the bridge?**

**Are there any driveways or property entrances that will have to be maintained during construction, relocated and / or reconstructed?**

**Are there any other construction related issues that will affect the constructability of the project that need to be accounted for in the construction estimate?**

UTILITIES

**Are there any utilities supported by the structure?**

RIGHT OF WAY

**Are there any building structures or improvements that may be affected by the work being proposed on this structure?**

PREVENTIVE MAINTENANCE ACTIVITIES

**GENERAL**

**Are there any structural components of the bridge that exhibit deterioration or in need of repair?**

**Is the bridge experiencing bent settlement? (Provide location and pictures)**

**Is there excessive spalling of concrete on the structure? Is there any indication of an underlying problem with delamination?**

**CLEANING & PAINTING**

**Is the protective coating on the steel structure in satisfactory condition? Are there areas of excessive corrosion? (Provide location and Pictures)**

**BRIDGE DECK & APPROACHES**

**Is the bridge deck in need of repair, patching, rehabilitation, or replacement?**

**Are the bridge joints deteriorated or in need of repair and/or re-sealing?**

**Do the approach slabs require repair or replacement?**

**Is the pavement relief joint on concrete roadways at bridge ends in place and functional? Does it need to be recut and sealed?**

**Is the bridge deck drainage system in place and functioning? Does it require repair or rehabilitation?**

**BRIDGE BEARINGS**

**Are the bridge bearings deteriorated and in need of repair or replacement?**

**Is there any evidence or history of debris build up at this site?**

**BRIDGE & ABUTMENT SCOUR**

**Is there any evidence or history of abutment scour, degradation of the channel or channel migration at this bridge site?**

**Is there any need for foundation repair due to bridge or abutment scour?**

**Are there any navigational requirements at this bridge site? If so, what type of vessels use the waterway?**

**Prepared by: Date:**

**Phone Number:**

**Approved By: ADA – Operations**