**Unpainted Weathering Steel Checklist**

Bridge inspectors - complete the checklist during either the 2024 or 2025 inspection season (depending on the bridge inspection due date), for all bridges with uncoated or unpainted weathering steel elements in the primary load path (superstructure or substructure), **upload the completed form to HSIS** with the bridge inspection report, and **notify the program manager of findings**.

|  |  |
| --- | --- |
| **Presence and Location of Weathering Steel** | **Check if TRUE** |
| Bridge has primary elements constructed of uncoated/unpainted weathering steel: **Superstructure** **Substructure** **None** (skip to the end, notify PM) |  □□□ |
| **General Weathering Steel Condition** |  |
| Weathering steel elements exhibit flaking rust, laminate rust, or section loss:**Recommended Action:** Additional testing/evaluation of areas of flaking rust, laminate rust, or section loss has been recommended in the inspection report.**Recommended Maintenance Action:** Paint areas of the unpainted weathering steel (or re-painting of previously coated areas) has been added to the inspection report. Painting of primary weathering steel elements: Competed Needed **Girder ends at abutments** □ □ **Areas below deck joints** □ □ **Exterior side of fascia girders** □ □ **Areas around deck drains** □ □ **Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** □ □ |  □ □ □         |
| **Joints** |  |
| Evidence of leaking joints onto weathering steel exists. Weathering steel below deck joints have flaking rust, laminar rust, or section loss.**Recommended Maintenance Action:** Repair or replace deck joint added to the inspection report. |  □ □ □ |
| **Drainage** |  |
| Deck drains or drainage system may be leaking onto the adjacent weathering steel – weathering steel components have flaking rust, laminar rust, or section loss.**Recommended Maintenance Action:** Repair, retrofit, modify, or flush drainage system to prevent or reduce leakage onto weathering steel. |  □  □ |
| **Dirt and Debris** |  |
| Specific locations or details on the weathering steel collect dirt/debris or cannot dry out.**Recommended Maintenance Action:** Clean or flush dirt/debris from weathering steel.**Recommended Maintenance Action:** Countermeasures or retrofits should be installed to prevent the build-up of dirt/debris on the weathering steel.**Recommended Maintenance Action:** Remove adjacent vegetation which prevents the natural drying of wet steel surfaces. |  □ □ □ □ |
| **Program Manager Notified** Date \_\_\_\_\_\_\_\_\_\_\_ | □ |