

BRIDGE SCOUR REPORT

STRUCTURE NO.: _____ INSPECTION DATE: _____
 COUNTY: _____ SECTION: _____ TOWNSHIP: _____ RANGE: _____

300 SERIES SCOUR CRITICAL ITEMS

| | YES | NO | | YES | NO |
|---|--------------------------|--------------------------|---|--------------------------|--------------------------|
| 326 EMBANKMENT EROSION (9-0) | | _____ | 352 FLOOD OVERTOPS ROAD/BRIDGE RELIEF | <input type="checkbox"/> | <input type="checkbox"/> |
| 344 ABUTMENT WALLS UNDERMINED | <input type="checkbox"/> | <input type="checkbox"/> | 353 POTENTIAL DEBRIS UPSTREAM | <input type="checkbox"/> | <input type="checkbox"/> |
| 344A APPROACHES SETTLED/WASHED OUT | <input type="checkbox"/> | <input type="checkbox"/> | 354 BENTS/PIERS IN CHANNEL | <input type="checkbox"/> | <input type="checkbox"/> |
| 346 STREAM BED DEGRADED | <input type="checkbox"/> | <input type="checkbox"/> | 354A STREAM FLOW AGAINST ABUTMENT | <input type="checkbox"/> | <input type="checkbox"/> |
| 347 CONTRACTED STREAM/ABUTS INSIDE HB | <input type="checkbox"/> | <input type="checkbox"/> | 355 BRIDGE ALIGNMENT WITH FLOW (9-0) | | _____ |
| 348 SCOUR AT: A (ABUT), B (BENT/PIER), C (A & B), N (NO) | | _____ | 356 DEBRIS BLOCKING CHANNEL AT BRIDGE | <input type="checkbox"/> | <input type="checkbox"/> |
| 349 BANK EROSION IN PROGRESS | <input type="checkbox"/> | <input type="checkbox"/> | 357 DROP FROM UPSTREAM DECK TO GROUND: | | |
| 350 STREAM SHIFTED FROM BRIDGE CENTER | <input type="checkbox"/> | <input type="checkbox"/> | ABUT 1 - FLOWLINE - ABUT 2 - | | |
| 351 FLOODWATER REACHES LOW STRUCTURE | <input type="checkbox"/> | <input type="checkbox"/> | 358 OPINION SCOUR PROBLEM | <input type="checkbox"/> | <input type="checkbox"/> |
| 351A LOW ROAD ELEV. ABOVE LOW STRUCTURE | <input type="checkbox"/> | <input type="checkbox"/> | 358B SCOUR INCREASED IN LAST TWO YEARS | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 358C SCOUR PLAN OF ACTION EFFECTIVE DATE: _____ | | |

113 SCOUR CRITICAL RATING

| | | |
|--|--|--|
| <input type="checkbox"/> 9 FOUNDATIONS SAFELY ABOVE FLOODWATER | <input type="checkbox"/> 5 LOW RISK | <input type="checkbox"/> 2 UNSTABLE, EXTENSIVE SCOUR |
| <input type="checkbox"/> 8 STABLE, FOUNDATIONS RESIST SCOUR | <input type="checkbox"/> 4 ACTION REQUIRED | <input type="checkbox"/> 1 FAILURE IMMINENT, CLOSED |
| <input type="checkbox"/> 7 SCOUR PROBLEM MITIGATED | <input type="checkbox"/> 3 UNSTABLE FOUNDATION | <input type="checkbox"/> 0 FAILED |

BRIDGE INFORMATION

| | | |
|---|------------------------------|--------------------------------------|
| ABUT. 1 GRADE: _____ ft | ABUT. 2 GRADE: _____ ft | LOW STRUCTURE ELEV.: _____ ft |
| Q ₁₀₀ BASE FLOOD: _____ cfs | HW ELEV. (US SIDE): _____ ft | BRIDGE WWA: _____ ft ² |
| Q ₁₀₀ BRIDGE BASE FLOOD: _____ cfs | OVERTOPPING FLOOD: _____ cfs | OVERTOPPING FREQ.: _____ yr |
| FLOWLINE ELEV.: _____ ft | HIGH BANK ELEV.: _____ ft | LOW ROAD ELEV.: _____ ft |
| CHANNEL BOTTOM WIDTH: _____ ft | BERM ELEV.: _____ ft | CRITICAL BERM ELEV.: _____ ft |
| STREAM: _____ | | DRAINAGE AREA: _____ mi ² |

SCOUR INFORMATION

| | | |
|--|--|--|
| Q ₁₀₀ GENERAL SCOUR: _____ ft | Q ₁₀₀ LOCAL SCOUR: _____ ft | Q ₅₀₀ SCOUR ELEV.: _____ ft |
|--|--|--|

COMMENTS

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| JUSTIFICATION: | |
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| | | |
|-------------------|--------------|--------------|
| WRITTEN BY: _____ | QC BY: _____ | QA BY: _____ |
| DATE: _____ | DATE: _____ | DATE: _____ |