


| Bridge Culvert Barrel |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Culvert Component |  | Last | Now | Explanation of Condition |
| (Pipe \# : 1, Primary Span, Location Code: MAIN, Span (mm): |  |  |  | , Rise (mm): 2120, Type: SP) |
| Ponding (Y/N) | No |  |  |  |
| Fish Passage Adequacy |  | 4 | 4 | D/S end above streambed. |
| Baffle |  | X | X |  |
| (Type:) |  |  |  |  |
| Waterway Adequacy |  | 6 | 6 |  |
| Icing (Y/N) | No |  |  |  |
| Silting (Y/N) | No |  |  |  |
| Drift (Y/N) | No |  |  |  |
| Barrel General Rating |  | 5 | 4 |  |
| Downstream End |  |  |  |  |
| Culvert Component |  | Last | Now | Explanation of Condition |
| Direction |  | W |  |  |
| End Treatment (Concrete, Steel, Others, None) | STEEL |  |  |  |
| Headwall |  | X | X |  |
| Collar |  | X | X |  |
| Wingwalls |  | X | X |  |
| (Shape : ) |  |  |  |  |
| Cutoff Wall |  | X | X |  |
| Bevel End |  | 7 | 7 |  |
| Heaving (mm) | 0 |  |  |  |
| Invert Above/Below Stream Bed | ABOVE |  |  |  |
| Above/Below (mm) | 750 |  |  |  |
| Scour Protection |  | 6 | 6 |  |
| (Type : RIP RAP, GEOTEXTILE) |  |  |  |  |
| (Avg. Rock Size(mm) : 450) |  |  |  |  |
| Scour/Erosion |  | 6 | 6 |  |
| Beavers (Y/N) | No |  |  |  |
| Downstream End General Rating |  | 6 | 6 |  |
| Structure Usage |  |  |  |  |
|  |  | Last | Now | Explanation of Condition |
| Channel (U/S and D/S) |  |  |  |  |
| Alignment |  | 7 | 7 |  |
| Bank Stability |  | 7 | 7 |  |
| HWM (m below Top of Culvert) |  |  |  | HWM not visible. |
| Drift (Y/N) | No |  |  |  |
| Channel Bottom Degrading/Aggrading | NONE |  |  |  |
| Beavers (Y/N) | No |  |  |  |
| (Fish Compensation Measure 1 : NONE) |  |  |  |  |
| (Fish Compensation Measure 2 : NONE) |  |  |  |  |
| Channel General Rating |  | 7 | 7 |  |


| Maintenance Recommendations |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Inspector Recommendations |  | Year | Inspector Comments |  |  | Department Comments |  |  |  | Target Year | Est. Cost | Cat \# |
| SHOTCRETE REPAIRS |  |  |  |  |  |  |  |  |  |  |  |  |
| PLACE ADDITIONAL RIP RAP |  |  |  |  |  |  |  |  |  |  |  |  |
| REMOVE DRIFT ACCUMULATION |  |  |  |  |  |  |  |  |  |  |  |  |
| INSTALL CONCRETE/STEEL LINING |  |  |  |  |  |  |  |  |  |  |  |  |
| INSTALL STRUTS |  |  |  |  |  |  |  |  |  |  |  |  |
| INSTALL CONCRETE COLLAR/CUTOFF |  |  |  |  |  |  |  |  |  |  |  |  |
| REPAIR SEAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| OTHER ACTION |  |  |  |  |  |  |  |  |  |  |  |  |
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| Structural Condition Rating (Last/Now) (\%) |  | 55.6/44.4 |  | Sufficiency Rating (Last/Now) (\%) |  | 52.4/43.3 | Est. Repl. Yr |  | 2035 | Maint. Reqd. (Y/N) |  | No |
| Special  <br> Comments for  <br> Next Inspection  <br>  Monitor heaving at R1,2 and u/s, scour under bevel. |  |  |  |  |  | Department Comments |  |  |  |  |  |  |
| Maintenance Reviewed By |  |  |  |  |  | Date |  |  |  | Estimated Total 0 |  |  |
| Proposed Long-Term Strategy |  |  |  |  |  |  |  |  |  |  |  |  |
| On 3-Year Program (Y/N) |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposed Action |  |  |  |  |  |  |  |  |  |  |  |  |
| Previous Inspector's Name <br> Next Inspection Date | Wade Nanninga |  |  |  | Previous Assistant's Name |  |  |  |  |  |  |  |
|  | 15-Aug-2013 |  |  |  | Previous Inspection Date |  |  | 08-Mar-2010 |  |  |  |  |
| Inspection Cycle (Default) (months) 21 | 21 |  |  |  |  |  |  |  |  |  |  |  |
| Comment |  |  |  |  |  |  |  |  |  |  |  |  |

