




| Bridge Culvert Barrel |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Culvert Component |  | Last | Now | Explanation of Condition |
| (Pipe \# : 2, Secondary Span, Location Code: MAIN, Span (mm): |  |  |  | , Rise (mm): 810, Type: MP) |
| Coating |  | N | N |  |
| Corrosion By Soil (Y/N) |  |  |  |  |
| Corrosion By Water (Y/N) |  |  |  |  |
| Camber POS/ZERO/NEG |  |  |  |  |
| Ponding (Y/N) |  |  |  |  |
| Fish Passage Adequacy |  | 4 | 4 | Hanging outlet-29-Oct-2009 |
| Baffle |  | X | X |  |
| (Type : ) |  |  |  |  |
| Waterway Adequacy |  | N | N | D/S scour - 29-Oct-2010 |
| Icing (Y/N) |  |  |  |  |
| Silting (Y/N) |  |  |  |  |
| Drift (Y/N) |  |  |  |  |
| Barrel General Rating |  | N | N |  |
| Downstream End |  |  |  |  |
| Culvert Component Last Now Explanation of Condition (Pipe \# - 2 Span Type: Secondary Span) |  |  |  |  |
|  |  |  |  |  |  |
| (Pipe \# . 2, Span Type: Secondary Span)  <br> Direction W |  |  |  | South pipe <br> D/S ends completely submerged in snow. |
| End Treatment (Concrete, Steel, Others, None) | STEEL |  |  |  |
| Headwall |  | X | X |  |
| Collar |  | X | X |  |
| Wingwalls |  | X | X |  |
| (Shape : ) |  |  |  |  |
| Cutoff Wall |  | X | X |  |
| Bevel End |  | N | N |  |
| Heaving (mm) |  |  |  |  |
| Invert Above/Below Stream Bed |  |  |  |  |
| Above/Below (mm) |  |  |  |  |
| Scour Protection |  | N | N |  |
| (Type : NONE) |  |  |  |  |
| (Avg. Rock Size(mm) : ) |  |  |  |  |
| Scour/Erosion |  | N | N | $4 \times 4$ scour hole.-29-Oct-2010 |
| Beavers (Y/N) | No |  |  |  |
| Downstream End General Rating |  | 3 | 3 | GR carried fwd. |
| Structure Usage |  |  |  |  |
|  |  | Last | Now | Explanation of Condition |
| Channel (U/S and D/S) |  |  |  |  |
| Alignment |  | 4 | 4 | Flow inpinges on banks $\mathrm{d} / \mathrm{s}$. |
| Bank Stability |  | 5 | 5 |  |
| HWM (m below Top of Culvert) |  |  |  |  |
| Drift (Y/N) | No |  |  |  |


| Structure Usage |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Last | Now | Explanation of Condition |
| Channel Bottom Degrading/Aggrading | DEGRADING |  |  | Couldn't tell due to snow. |
| Beavers (Y/N) | No |  |  |  |
| (Fish Compensation Measure 1 : NONE) |  |  |  |  |
| (Fish Compensation Measure 2 : NONE) |  |  |  |  |
| Channel General Rating |  | 4 | 4 |  |


| 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 |  | 2014 | Replace |  |  |  |  |  |  |  |  |
| OTHER ACTION |  | 2013 | Level 2 |  |  |  |  |  |  |  |  |
| OTHER ACTION |  |  |  |  |  |  |  |  |  |  |  |
| OTHER ACTION |  |  |  |  |  |  |  |  |  |  |  |
| OTHER ACTION |  |  |  |  |  |  |  |  |  |  |  |
| Structural Condition Rating (Last/Now) (\%) |  | 22.2/22.2 |  | Sufficiency Rating (Last/Now) (\%) |  | 42.6/41.8 | Est. Repl. Yr | 2014 | Maint. Reqd. (Y/N) |  | Yes |
| Special Assessment being completed in 2010. Department <br> Comments for   <br> Low Rating Advisory sent to Alan Saunders 06-Mar-2013. Comments  <br> Next Inspection Barrel inaccessible last 2 inspections- Level 2 should be completed if pipe isn't <br> replaced right away.  |  |  |  |  |  |  |  |  |  |  |  |
| Maintenance Reviewed By |  |  |  |  |  | Date |  |  | Estimated Total | 0 |  |
| Proposed Long-Term Strategy |  |  |  |  |  |  |  |  |  |  |  |
| On 3-Year Program (Y/N) |  |  |  |  |  |  |  |  |  |  |  |
| Proposed Action |  |  |  |  |  |  |  |  |  |  |  |
| Previous Inspector's Name | Brian Pientsch |  |  |  | Previous Assistant's Name |  | Lisbeth Medina |  |  |  |  |
| Next Inspection Date | 11-Nov-2014 |  |  |  | Previous Inspection Date |  | 05-Apr-2011 |  |  |  |  |
| Inspection Cycle (Default) (months) | 21 |  |  |  |  |  |  |  |  |  |  |
| Comment |  |  |  |  |  |  |  |  |  |  |  |

