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Alberta Transportation

| Upstream End | | | | | | | | | | |
|--|----------------------|-------|--------|--|--|--|--|--|--|--|
| Culvert Component | | Last | Now | Explanation of Condition | | | | | | |
| Collar | | | X | | | | | | | |
| Wingwalls | | Х | Х | | | | | | | |
| (Shape :) | | | | | | | | | | |
| Cutoff Wall | | Х | X | | | | | | | |
| Bevel End | | Х | Х | | | | | | | |
| Heaving (mm) | 0 | | | | | | | | | |
| Invert Above/Below Stream Bed | BELOW | | | _ | | | | | | |
| Above/Below (mm) | 300 | | | | | | | | | |
| Scour Protection | | 7 | X | | | | | | | |
| (Type : NATURAL) | | | | _ | | | | | | |
| (Avg. Rock Size(mm) :) | | | - | | | | | | | |
| Scour/Erosion | | 7 | X | | | | | | | |
| Beavers (Y/N) | No | | | | | | | | | |
| Upstream End General Rating | | 7 | 7 | | | | | | | |
| | | Brid | dge Cu | lvert Barrel | | | | | | |
| Culvert Component | | Last | Now | Explanation of Condition | | | | | | |
| (Pipe # : 1, Primary Span, Loca | tion Code: MAIN, Spa | n (mm |): | , Rise (mm): 1800, Type: MP) | | | | | | |
| Barrel Last Accessible Date | 26-Aug-2011 | | | | | | | | | |
| Special Features | | | | | | | | | | |
| Special Feature | | | | | | | | | | |
| (Type :) | | | | | | | | | | |
| Special Feature | | | | | | | | | | |
| (Туре :) | | | | | | | | | | |
| Roof | | 4 | 4 | Floor sand covered - shape looks good. 100x100 hole in roof caused by guardrail installation. | | | | | | |
| Measured Rise (mm) | | | | 100x100 hole in roof caused by guardrail installation. | | | | | | |
| Measured At Ring No. | | | | Estimated | | | | | | |
| Sag (mm) | | | | Estimated | | | | | | |
| Percent Sag | 2 | | | | | | | | | |
| Sidewall | | 7 | 7 | Measured @ c/l. | | | | | | |
| Measured Span (mm) | 1840 | | | | | | | | | |
| Measured At Ring No. | | | | 2.20/ | | | | | | |
| Deflection (mm) | 40 | | | 2.2% | | | | | | |
| Percent Deflection | 2 | | _ | | | | | | | |
| Floor | | N | N | Covered with sand. | | | | | | |
| Bulge (mm) | 0 | | | | | | | | | |
| Measured At Ring No. | | | | | | | | | | |
| Abrasion (Y/N) | No | | _ | | | | | | | |
| Circumferential Seams | | 7 | 7 | | | | | | | |
| Separation (mm) | 30 | | | | | | | | | |
| Longitudinal Seams | | Х | Х | | | | | | | |
| Total No. of Cracked Rings | | | | | | | | | | |
| Total No. of Rings with Two Cracked Seams | | | | | | | | | | |
| Min. Remaining Steel Between Cracks (mm) | | | | | | | | | | |
| Proper Lap (Y/N) | | | | | | | | | | |
| Longitudinal Stagger (Y/N) | | | | | | | | | | |

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

| | | Bric | dge Cul | vert Barrel |
|---|----------------------|------|---------|---|
| Culvert Component | | | | Explanation of Condition |
| (Pipe # : 1, Primary Span, Loca | tion Code: MAIN, Spa | | | , Rise (mm): 1800, Type: MP) |
| Coating | | 7 | 7 | |
| Corrosion By Soil (Y/N) | No | | | |
| Corrosion By Water (Y/N) | No | | | |
| Camber POS/ZERO/NEG NEG | | | | |
| Ponding (Y/N) No | | | | |
| Fish Passage Adequacy | | Х | X | |
| Baffle | | Х | Х | |
| (Type:) | | | - | |
| Waterway Adequacy | | X | X | |
| Icing (Y/N) | No | | | |
| Silting (Y/N) | No | | | |
| Drift (Y/N) | No | | | |
| Barrel General Rating | | 7 | 7 | |
| | | D | ownstr | eam End |
| Culvert Component | | | Now | Explanation of Condition |
| Direction | 1 | S | | |
| End Treatment (Concrete, Steel, Others, None) | NONE | - | | |
| Headwall | I | Х | X | |
| Collar | | Х | Х | |
| Wingwalls | | Х | X | |
| (Shape :) | | | | |
| Cutoff Wall | | Х | X | |
| Bevel End | | Х | Х | |
| Heaving (mm) | 0 | | | |
| | BELOW | | | |
| Above/Below (mm) | 300 | | | |
| Scour Protection | | 7 | 7 | |
| (Type : NATURAL) | | 1 | | |
| (Avg. Rock Size(mm) :) | | | | |
| Scour/Erosion | | 7 | 7 | |
| Beavers (Y/N) | No | | | |
| | | 7 | - | |
| Downstream End General Ratin | ig | 7 | 7 | |
| | | | | e Usage |
| | | Last | Now | Explanation of Condition |
| Grade Separation | | 7 | | |
| Road Alignment | | | 7 | Granular/sand. |
| Roadway Surface | | | 7 | |
| (Туре:) | | | | Blown sand reduces clearance @ South end. |
| (.),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
| Icing (Y/N) | No | | | |

| Structure Usage | | | | | | | | | |
|---------------------------------|-------------------------|------|-----|--|--|--|--|--|--|
| | | Last | Now | Explanation of Condition | | | | | |
| Traffic Safety Features | Traffic Safety Features | | X | _ | | | | | |
| Туре | Type NONE | | | | | | | | |
| Lighting | | X | X | | | | | | |
| Barrel Leakage (Y/N) | No | | | | | | | | |
| Drainage | | 7 | 7 | | | | | | |
| Structure In Use (Y/N) | No | | | Fenced across entrance @ S. r/w, fences down @ N. end. | | | | | |
| Grade Separation General Rating | | | 7 | | | | | | |

| Maintenance Recommendations | | | | | | | | | | | | |
|---|----|-------------------------|--------------------------------------|------------|--------------------------------------|--------------------|-------------|-----------------|-----------|----|--|--|
| Inspector Recommendations | | Year Inspector Comments | | | Department Com | | Target Year | Est. Cost | Cat # | | | |
| SHOTCRETE REPAIRS | | | | | | | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | | | | | | | |
| INSTALL CONCRETE/STEEL LINING | | | | | | | | | | | | |
| INSTALL STRUTS | | | | | | | | | | | | |
| INSTALL CONCRETE COLLAR/CUTC | FF | | | | | | | | | | | |
| REPAIR SEAMS | | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | | |
| Structural Condition Rating (Last/Now) (%) | | 77.8/77.8 | .8 Sufficiency Rating (Last/N (%) | low) 8 | 32.2/82.3 | Est. Repl. Yr 2029 | | Maint. Red | qd. (Y/N) | No | | |
| Special Comments for Next Inspection | | | | | Department Comments | | | | | | | |
| Maintenance Reviewed By | | | | | Date | | E | Estimated Total | 0 | | | |
| Proposed Long-Term Strategy | | | | | | | | | | | | |
| On 3-Year Program (Y/N) | | | | | | | | | | | | |
| Proposed Action | | | | | | | | | | | | |
| Previous Inspector's Name Eric | | Eric Carcoux | | | Previous Assistant's Name | | | | | | | |
| Next Inspection Date 26 | | -2013 | | Previous I | Previous Inspection Date 17-Dec-2009 | | | | | | | |
| Inspection Cycle (Default) (months) 21 | | | | | | | | | | | | |
| Comment | | | | | | | | | | | | |