

| Upstream End |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Culvert Component |  | Last | Now | Explanation of Condition |
| Headwall |  | 6 | 6 |  |
| Collar |  | 5 | 5 | Several vertical cracks. Wide cracks on both sides of collar/headwall interface. <br> Wide transverse crcks at $2 m$ intervals. |
| Wingwalls |  | X | X |  |
| (Shape : ) |  |  |  |  |
| Cutoff Wall |  | X | X |  |
| Bevel End |  | 7 | 7 |  |
| Heaving (mm) | 0 |  |  |  |
| Invert Above/Below Stream Bed |  |  |  |  |
| Above/Below (mm) | 0 |  |  |  |
| Scour Protection |  | 7 | 7 |  |
| (Type : NATURAL) |  |  |  |  |
| (Avg. Rock Size(mm) : ) |  |  |  |  |
| Scour/Erosion |  | 7 | 7 |  |
| Beavers (Y/N) | No |  |  |  |
| Upstream End General Rating |  | 5 | 5 |  |
| Bridge Culvert Barrel |  |  |  |  |
| Culvert Component |  | Last Now Explanation of Condition |  |  |
| (Pipe \# : 1, Primary Span, Location Code: MAIN, Span (mm): 11200, Rise (mm): 7400, Type: RP) |  |  |  |  |
| Barrel Last Accessible Date | 05-A |  |  |  |
| Special Features |  |  |  |  |
| Special Feature |  |  |  | "8" Concrete Haunch Blocks x 10 . <br> Possible struts below road surface @ concrete block locations. Some heaving at $\sim 25 \mathrm{~mm}$ causing rough ride through structure. Worst at ring 17. <br> "7" Concrete Footing/Curb <br> Too much ice to view. |
| (Type : ) |  |  |  |  |
| Special Feature |  |  |  |  |
| (Type : ) |  |  |  |  |
| Roof |  | 2 | 2 | Ring \#10, \#11 \& 12 no bolts. Welded to roof. Ring 6, 8, 10, 12, 14, 15, 17, 18, cracking @ 12 o'clock < 50mm @ 15 \& 17, could not verify. <br> High load damage ring 4-12, worst @ 8 - photo ring 8. <br> 4902 @ ring \#21 @ road c/l. <br> 5021 @ ring \#1, @ road centerline. |
| Measured Rise (mm) |  |  |  |  |
| Measured At Ring No. |  |  |  |  |
| Sag (mm) |  |  |  |  |
| Percent Sag |  |  |  |  |
| Sidewall |  | 6 | 6 | Sidewalls pushing inward for full length. Measured span 11950mm. 11050 @ ring \#1. |
| Measured Span (mm) |  |  |  |  |
| Measured At Ring No. | 30 |  |  |  |
| Deflection (mm) | 250 |  |  |  |
| Percent Deflection | 2 |  |  |  |
| Floor |  | X | X | Bumps @ concrete haunch block locations in road. |
| Bulge (mm) |  |  |  |  |
| Measured At Ring No. |  |  |  |  |
| Abrasion (Y/N) No |  |  |  |  |
| Circumferential Seams |  | 6 | 6 |  |
| Separation (mm) | 0 |  |  |  |



| Structure Usage |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Last | Now | Explanation of Condition |
| Grade Separation |  |  |  |  |
| Road Alignment |  | 7 | 7 | Curve East. |
| Roadway Surface |  | 4 | 4 | Bumps in road @ concrete haunch locations appear to be from heaving struts below ACP causing rough ridge through structure photo. |
| (Type : ACP) |  |  |  |  |
| Icing (Y/N) | No |  |  |  |
| Traffic Safety Features |  | 3 | 7 |  |
| Type | Lights |  |  |  |
| Lighting |  | 3 | 7 |  |
| Barrel Leakage (Y/N) | Yes |  |  |  |
| Drainage |  | 4 | 4 | Wet soil behind guardrails - photo. (Ponding along gutters. 16/Jan/2006) Near zero grade. |
| Structure In Use (Y/N) | Yes |  |  |  |
| Grade Separation General Rating |  | 3 | 4 |  |



