

| Bridge Inspection | | | | | | | | | |
|------------------------|------------------------------------|--------|------|--------|---------------------|---------------|---|--|--|
| Bridge File Number | 00906 -1 Bridge | | | | Form Type | PCS | | | |
| Year Built/Year Supstr | 1981/1981 | | | | Lot No. | 1 | | | |
| Bridge or Town Name | WETASKIWIN | | | | Inspector Name | Owen Salava | | | |
| Located Over | WEILLER CREEK, 5.47.2, WATERCRS-ST | | | | Inspector Class | BR CLS A | | | |
| Located On | 2A:24 C1 30.738 | | | | Assistant Name | | | | |
| Water Body Cl./Year | | | | | Assistant Class | | | | |
| Navigabil. Cl./Year | | | | | Inspection Date | 04-Apr-2013 | | | |
| Legal Land Location | SE SEC 34 TWP 45 RGE 24 W4M | | | | Data Entry By | Marcia Chavez | | | |
| Longitude, Latitude | -113:23:58, 52:55:07 | | | | Data Entry Date | 03-May-2013 | | | |
| Road Authority | Alberta Transportation (AIT) | | | | Reviewer Name | John O'Brien | | | |
| Contract Main. Area | CMA17 | | | | Review Date | 10-Apr-2013 | | | |
| Clear Roadway/Skew | 13.7 / | | | | Dept. Reviewer Name | | | | |
| AADT/Year | 5,710 / 2012 (A) | | | | Dept. Review Date | | | | |
| Road Classification | RAU-213.4-120 | | | | Follow-Up By | | | | |
| Detour Length (km) | 20 | | | | | | | | |
| Allowable Load (t): | Single | CS1 28 | Semi | CS2 49 | Train | CS3 62 | ----> On Critical Spans ---->Critical Member | | |
| Design Loading: | MS23 | | | | | | ----> Primary Span | | |

| Posting Information | | | | | | | | | |
|-------------------------------|---------------|----|-------------------|----|------------------|----|-----------------|----|--|
| Required Load Posting (t) | Single | | | | Semi | | Truck Train | | |
| Posted Loading (t) | Single | | | | Semi | | Truck Train | | |
| Posted: | Lane | NB | At Junction (Y/N) | No | In Advance (Y/N) | No | At Bridge (Y/N) | No | |
| Posted: | Lane | SB | At Junction (Y/N) | No | In Advance (Y/N) | No | At Bridge (Y/N) | No | |
| Remarks | Not required. | | | | | | | | |
| Hazard Marker At Bridge (Y/N) | No | | | | | | | | |
| Remarks | Not required. | | | | | | | | |
| Other Sign Types | | | | | | | | | |

| Utilities (Located at) | | | | | | | | | |
|------------------------|--|--|--|--|---------------|--|----|--|--|
| Utility Attachments | | | | | | | | | |
| Telephone | At East r/w. | | | | Gas | | | | |
| Power | 6 wire power/communication pole 15m East of c/l. | | | | Municipal | | | | |
| Others | | | | | Problem (Y/N) | | No | | |
| Remarks | | | | | | | | | |

| Approach Road | | | | | | | | | |
|-------------------------------------|--------|-----------|----------|--|--|--|--|--|--|
| | | Last | Now | Explanation of Condition | | | | | |
| Horizontal Alignment | | 8 | 8 | No passing to SBL. | | | | | |
| Vertical Alignment | | 7 | 7 | | | | | | |
| Roadway Width (m) | 13.300 | | | Wide transverse crack in ACP @ both approach ends. Patch at both ends of the bridge. | | | | | |
| Approach Bump | | 6 | 6 | | | | | | |
| Guardrail (Y/N) | | Yes | | Approach rail is continuous across bridge. | | | | | |
| Guardrail | | 7 | 7 | | | | | | |
| Length (m) | 20.900 | | | NE - 24.7m; NW - 32.3; SE - 36.1m; SW - 20.9m. | | | | | |
| Current Standard (Y/N) | | No | | Approach rail has std terminal end at bridge. | | | | | |
| Termination Type | | Turn Down | | Not thriebeam. | | | | | |
| Drainage | | 7 | 6 | | | | | | |
| Approach Road General Rating | | 7 | 7 | | | | | | |

| Superstructure | | | | |
|--|-----------|-----------|--------------------------|-----------|
| Bridge Component | Last | Now | Explanation of Condition | |
| (Primary Span : SM, 1 Spans, Lengths(m): 6, A-Ident Number:) | | | | |
| Special Features | | | | |
| Special Feature | | | | |
| (Type :) | | | | |
| Special Feature | | | | |
| (Type :) | | | | |
| Wearing Surface/Deck Top Detail Ratings | | | | |
| | N (%) | 1 (%) | 2 (%) | 3 (%) |
| Last | 0 | 0 | 0 | 0 |
| Now | | | | |
| Wearing Surface | | | 5 | |
| (Material Type : ACP - CONVENTIONAL CHIP SEAL COAT) | | | | |
| (Thickness(mm) : 50) | | | | |
| Lateral Connection Problem (Y/N) | | | | |
| Deck Top | | | N | |
| Deck Rideability | | | 6 | |
| Deck Joints | | | N | |
| Bump (Y/N) | | | | |
| Deck Drainage | | | 5 | |
| Drains Clogged (Y/N) | | | | |
| Curbs/Median | | | 6 | |
| (Curb Type : Standard) | | | | |
| Scaling (Percent Area) | | | | |
| Bridge Rail | | | 7 | |
| (Type : GALVANIZED STEEL BRIDGE TUBE) | | | | |
| Bridge Rail Posts | | | 8 | |
| (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) | | | | |
| Bridge Rail/Posts Coating | | | 6 | |
| (Type : GALVANIZED) | | | | |
| Sidewalk | | | X | |
| Girder Detail Ratings | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) |
| Last | 0 | 0 | 0 | 0 |
| Now | | | | |
| Girders | | | 6 | |
| Last Complete Inspection Date | | | | |
| Cracking (Y/N) | | | | |
| Spalling (Percent Area) | | | | |
| Lift or Connector Pocket Grouted (Y/N) | | | | |
| (Number Of Girders : 12) | | | | |
| Span Alignment Problems | | | | |
| Vertical (Y/N) | | | | |
| Horizontal (Y/N) | | | | |
| Superstructure General Rating | | | 6 | |

| Substructure | | | | | |
|---|-----------|-----------|-----------|--------------------------|--|
| Bridge Component | | Last | Now | Explanation of Condition | |
| Abutments | | | | | |
| (Extended Backwall Piles (Y/N) : Y) | | | | | |
| (Extended Backwall Piles Spacing(mm) : 800) | | | | | |
| (Total Number of Caps/Corbels : 3:3) | | | | | |
| Bearing Seats/Caps/Corbels Detail Ratings | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | |
| Last | 0 | 0 | 0 | 2 | |
| Now | | | | | |
| Bearing Seats/Caps/Corbels | | | | 3 | |
| (Type : TREATED TIMBER) | | | | | |
| (Depth(mm) : 310) | | | | | |
| (Width(mm) : 360) | | | | | |
| Backwalls/Breastwalls | | | 6 | | |
| Greatest Height (m) | | | | | |
| Wingwalls | | | 6 | | |
| (Total Number of Bearing Piles : 14:13) | | | | | |
| Piles Detail Ratings | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | |
| Last | 0 | 0 | 0 | 0 | |
| Now | | | | | |
| Piles | | | | 4 | |
| Paint/Coating | | | | X | |
| Abutment Stability | | | | 7 | |
| Scour/Erosion | | | | 6 | |
| Piers/Bents | | | | | |
| (Type :) | | | | | |
| (Total Number of Caps/Corbels :) | | | | | |
| Bearing Seats/Caps/Corbels Detail Ratings | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | |
| Last | | | | | |
| Now | | | | | |
| Bearing Seats/Caps/Corbels | | | | X | |
| (Type :) | | | | | |
| (Depth(mm) :) | | | | | |
| (Width(mm) :) | | | | | |
| (Total Number of Bearing Piles :) | | | | | |
| Piles Detail Ratings | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (count) | |
| Last | | | | | |
| Now | | | | | |
| Pier Shaft/Piles | | | | X | |
| Greatest Height (m) | | | | | |
| Bracing/Struts/Sheathing | | | | X | |
| Nose Plate | | | | X | |
| Paint/Coating | | | | X | |
| (Colour Description :) | | | | | |
| (Colour Code :) | | | | | |

| Substructure | | | | |
|--|--|----------|-----|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| Pier Stability | | X | | |
| Scour | | X | | |
| Debris (Y/N) | | | | |
| Substructure General Rating | | 3 | | |
| Structure Usage | | | | |
| | | Last | Now | Explanation of Condition |
| Channel | | | | |
| (U/S Direction : W) | | | | |
| (D/S Direction : E) | | | | |
| Alignment | | 6 | | |
| Bank Stability | | 7 | | |
| HWM (m below Top of Curb) | | | | |
| Drift (Y/N) | | | | |
| Slope Protection | | 6 | | |
| (Type : NATURAL; NATURAL) | | | | |
| Guidebank/Spurs | | X | | |
| Adequacy of Opening | | 6 | | |
| (Fish Compensation Measure 1 : NONE) | | | | |
| (Fish Compensation Measure 2 : NONE) | | | | |
| Channel General Rating | | 6 | | |

| Maintenance Recommendations | | | | | | | |
|---|---------------|--|---------------------------|---------------|-----------------|-------------------|--|
| Inspector Recommendations | Year | Inspector Comments | Department Comments | Target Year | Est. Cost | Cat # | |
| REPAIR/REPLACE BRIDGE RAIL | | | | | | | |
| SEAL CURBS | | | | | | | |
| PATCH DECK | | | | | | | |
| OVERLAY DECK | | | | | | | |
| STRAIGHTEN/REPLACE MEMBERS | | | | | | | |
| WASHING | | | | | | | |
| SHOTCRETE REPAIRS | | | | | | | |
| CORE TIMBER CAPS/CORBELS | | | | | | | |
| REPAIR/REPLACE TIMBER CAPS | | | | | | | |
| REPAIR ABUTMENT SCOUR/EROSION | | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | | |
| INSTALL STRUTS | | | | | | | |
| OTHER ACTION | | | | | | | |
| OTHER ACTION | | | | | | | |
| OTHER ACTION | | | | | | | |
| OTHER ACTION | | | | | | | |
| Structural Condition Rating (Last/Now) (%) | 50.0/ | Sufficiency Rating (Last/Now) (%) | 54.7/ | Est. Repl. Yr | | Maint. Req. (Y/N) | |
| Special Comments for Next Inspection | | | 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 | Garry Roberts | | Previous Assistant's Name | | | | |
| Next Inspection Date | 04-Jan-2015 | | Previous Inspection Date | 25-Sep-2012 | | | |
| Inspection Cycle (Default) (months) | 21 | | | | | | |
| Comment | | | | | | | |