

| Bridge Inspection | | | | | | | | | |
|------------------------|---------------------------------|--------|------|--------|---------------------|-----------------|---|--|--|
| Bridge File Number | 82261 E-1 Bridge | | | | Form Type | SG | | | |
| Year Built/Year Supstr | 2008/2008 | | | | Lot No. | | | | |
| Bridge or Town Name | | | | | Inspector Name | Eric Carcoux | | | |
| Located Over | 43:03 R1 11.138;43:03 L1 11.073 | | | | Inspector Class | BR CLS A | | | |
| Located On | 43:04 R1 0.000;43X:03 R1 4.010 | | | | Assistant Name | | | | |
| Water Body Cl./Year | | | | | Assistant Class | | | | |
| Navigabil. Cl./Year | | | | | Inspection Date | 29-Apr-2013 | | | |
| Legal Land Location | SE SEC 14 TWP 72 RGE 6 W6M | | | | Data Entry By | Theresa Lacusta | | | |
| Longitude, Latitude | -118:47:45, 55:13:44 | | | | Data Entry Date | 29-Apr-2013 | | | |
| Road Authority | Alberta Transportation (AIT) | | | | Reviewer Name | | | | |
| Contract Main. Area | CMA05 | | | | Review Date | | | | |
| Clear Roadway/Skew | 14.9 / | | | | Dept. Reviewer Name | | | | |
| AADT/Year | 2,830 / 2012 (A) | | | | Dept. Review Date | | | | |
| Road Classification | RAD-412.4-120 | | | | Follow-Up By | | | | |
| Detour Length (km) | 1 | | | | | | | | |
| Allowable Load (t): | Single | CS1 28 | Semi | CS2 49 | Train | CS3 62 | ----> On Critical Spans ---->Critical Member | | |
| Design Loading: | CL800 | | | | | | ----> Primary Span | | |

| Posting Information | | | | | | | | | |
|--------------------------------------|-------------------------------|----|-------------------|------------------|-----------------|----|---------------|------------------|--|
| Required Vert. Clearance Posting (m) | UNDER: 43 L1 5.9m, 43 R1 5.6m | | | | | | | | |
| Posted Vertical Clearance (Y/N) | | | | | | | | | |
| Posted: | Lane | NB | On Bridge (m) | In Advance (Y/N) | Lane | SB | On Bridge (m) | In Advance (Y/N) | |
| Remarks | | | | | | | | | |
| Required Load Posting (t) | Single | | Semi | | Truck Train | | | | |
| Posted Loading (t) | Single | | Semi | | Truck Train | | | | |
| Posted: | Lane | NB | At Junction (Y/N) | In Advance (Y/N) | At Bridge (Y/N) | | | | |
| Posted: | Lane | SB | At Junction (Y/N) | In Advance (Y/N) | At Bridge (Y/N) | | | | |
| Remarks | | | | | | | | | |

| | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|
| Hazard Marker At Bridge (Y/N) | | | | | | | | | |
| Remarks | | | | | | | | | |
| Other Sign Types | | | | | | | | | |

| Utilities (Located at) | | | | | | | | | |
|------------------------|--|--|--|--|---------------|--|--|--|--|
| Utility Attachments | | | | | | | | | |
| Telephone | | | | | Gas | | | | |
| Power | | | | | Municipal | | | | |
| Others | | | | | Problem (Y/N) | | | | |
| Remarks | | | | | | | | | |

| Approach Road | | | | |
|-------------------------------------|--|----------|-----|--------------------------|
| | | Last | Now | Explanation of Condition |
| Horizontal Alignment | | 7 | | |
| Vertical Alignment | | 8 | | |
| Roadway Width (m) | | | | |
| Approach Bump | | 7 | | |
| Guardrail (Y/N) | | | | |
| Guardrail | | 7 | | |
| Length (m) | | | | |
| Current Standard (Y/N) | | | | |
| Termination Type | | | | |
| Drainage | | 5 | | |
| Approach Road General Rating | | 7 | | |

| Superstructure | | | | |
|--|-------|--------------|-------|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| (Primary Span : WG, 2 Spans, Lengths(m): 39-39, A-Ident Number:) | | | | |
| Special Features | | | | |
| Special Feature | | | | |
| (Type :) | | | | |
| Special Feature | | | | |
| (Type :) | | | | |
| Wearing Surface/Deck Top Detail Ratings | | | | |
| | N (%) | 1 (%) | 2 (%) | 3 (%) |
| Last | 60 | | | |
| Now | | | | |
| Wearing Surface | | | 9 | |
| (Material Type : ACP) | | | | |
| (Thickness(mm) : 90) | | | | |
| Deck Top | | | N | |
| Deck Rideability | | | 9 | |
| Deck Joints | | | X | |
| Temperature (deg. C) | | | | |
| (Expansion Type :) | | | | |
| (Fixed Type :) | | | | |
| Gap Size (mm) | | Gap Location | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Deck Drainage | | | 9 | |
| Drains Clogged (Y/N) | | | | |
| Curbs/Median | | | N | |
| (Curb Type : Standard) | | | | |
| Scaling (Percent Area) | | | | |
| Bridge Rail | | | 8 | |
| (Type : GALVANIZED STEEL BRIDGE TUBE) | | | | |
| Bridge Rail Posts | | | N | |
| (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) | | | | |
| Bridge Rail/Posts Coating | | | 9 | |
| (Type : GALVANIZED) | | | | |
| Sidewalk | | | X | |
| Girder/Beam | | | | |
| Cover Plate | | | X | |
| Flange | | | 5 | |
| Web | | | 5 | |
| Stiffeners | | | 9 | |
| Splice | | | 9 | |
| Weld | | | 9 | |
| Diaphragms/Cross Frame | | | 5 | |

| Superstructure | | | | |
|--|--|----------|-----|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| (Primary Span : WG, 2 Spans, Lengths(m): 39-39, A-Ident Number:) | | | | |
| Paint Condition | | 7 | | |
| (Colour Description :) | | | | |
| (Colour Code :) | | | | |
| Touchup Required (Y/N) | | | | |
| Bearings | | N | | |
| Temperature (deg. C) | | | | |
| (Expansion Type : ROCKER BEARING) | | | | |
| (Fixed Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL) | | | | |
| Coating Adequate (Y/N) | | | | |
| Functioning (Y/N) | | | | |
| Deck Underside | | 7 | | |
| Stains (Percent Area) | | | | |
| Span Alignment Problems | | | | |
| Vertical (Y/N) | | | | |
| Horizontal (Y/N) | | | | |
| Superstructure General Rating | | 5 | | |
| Substructure | | | | |
| Bridge Component | | Last | Now | Explanation of Condition |
| Abutments | | | | |
| Bearing Seats/Caps | | N | | |
| (Type : CONCRETE) | | | | |
| Backwalls/Breastwalls | | 9 | | |
| Wingwalls | | 7 | | |
| Piles | | N | | |
| Paint/Coating | | 9 | | |
| Abutment Stability | | 9 | | |
| Scour/Erosion | | 9 | | |
| Piers/Bents | | | | |
| (Type : PIER-COLUMN) | | | | |
| Bearing Seats/Caps | | 9 | | |
| (Type : CONCRETE) | | | | |
| (Total Number of Bearing Piles : 3) | | | | |
| Pier Shaft/Piles | | 9 | | |
| Bracing/Struts/Sheathing | | X | | |
| Nose Plate | | X | | |
| Paint/Coating | | 8 | | |
| (Colour Description :) | | | | |
| (Colour Code :) | | | | |
| Pier Stability | | 9 | | |
| Scour | | X | | |
| Debris (Y/N) | | | | |

| Substructure | | | | |
|--|--|----------|-----|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| Substructure General Rating | | 9 | | |
| Structure Usage | | | | |
| | | Last | Now | Explanation of Condition |
| Grade Separation | | | | |
| Road Alignment | | 8 | | |
| Traffic Safety Features | | 9 | | |
| Type | | | | |
| Slope Protection | | 9 | | |
| (Type : CONCRETE) | | | | |
| Bank Stability | | 9 | | |
| Drainage | | 7 | | |
| Grade Separation General Rating | | 7 | | |

| Maintenance Recommendations | | | | | | |
|---|----------------|--|---------------------------|---------------------|-----------------|-------------------|
| Inspector Recommendations | Year | Inspector Comments | Department Comments | Target Year | Est. Cost | Cat # |
| REPAIR/REPLACE BRIDGE RAIL | | | | | | |
| GALVANIZE/PAINT BRIDGE RAIL | | | | | | |
| RETROFIT BRIDGE RAIL | | | | | | |
| SEAL CURBS | | | | | | |
| PATCH DECK | | | | | | |
| SEAL DECK | | | | | | |
| OVERLAY DECK | | | | | | |
| REPAIR/REPLACE DECK JOINTS | | | | | | |
| RESET/ PAINT BEARINGS | | | | | | |
| REPAINT SUPERSTRUCTURE | | | | | | |
| STRAIGHTEN/REPLACE MEMBERS | | | | | | |
| WASHING | | | | | | |
| SHOTCRETE REPAIRS | | | | | | |
| REPAIR ABUTMENT SCOUR/EROSION | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | |
| OTHER ACTION | | | | | | |
| OTHER ACTION | | | | | | |
| OTHER ACTION | | | | | | |
| OTHER ACTION | | | | | | |
| Structural Condition Rating (Last/Now) (%) | 77.8/ | Sufficiency Rating (Last/Now) (%) | 68.0/ | 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 | Brian Pientsch | | Previous Assistant's Name | Russel Vanderschaaf | | |
| Next Inspection Date | 29-Jan-2015 | | Previous Inspection Date | 29-Nov-2012 | | |
| Inspection Cycle (Default) (months) | 21 | | | | | |
| Comment | | | | | | |