

| Bridge Inspection | | | | | | | | | | |
|------------------------|------------------------------|--|------|--|---------------------|----------------|---|--------------------|--|--|
| Bridge File Number | 84052 -1 Bridge | | | | Form Type | SG | | | | |
| Year Built/Year Supstr | 1988/1988 | | | | Lot No. | 4 | | | | |
| Bridge or Town Name | CANMORE | | | | Inspector Name | Garry Roberts | | | | |
| Located Over | WATERCOURSE, WATERCRS-NI | | | | Inspector Class | BR CLS A | | | | |
| Located On | TRAIL-PED, ON 50000 FB | | | | Assistant Name | | | | | |
| Water Body Cl./Year | | | | | Assistant Class | | | | | |
| Navigabil. Cl./Year | | | | | Inspection Date | 19-Jul-2012 | | | | |
| Legal Land Location | SE SEC 1 TWP 25 RGE 11 W5M | | | | Data Entry By | Kelsey Roberts | | | | |
| Longitude, Latitude | -115:23:58, 51:05:58 | | | | Data Entry Date | 31-Aug-2012 | | | | |
| Road Authority | Alberta Transportation (AIT) | | | | Reviewer Name | Tom Carey | | | | |
| Contract Main. Area | UNDEFINED CMA | | | | Review Date | 27-Jul-2012 | | | | |
| Clear Roadway/Skew | 4.6 / 0 deg. | | | | Dept. Reviewer Name | Tim Davies | | | | |
| AADT/Year | | | | | Dept. Review Date | 06-Sep-2012 | | | | |
| Road Classification | RLU-208G-90 | | | | Follow-Up By | | | | | |
| Detour Length (km) | 1 | | | | | | | | | |
| Allowable Load (t): | Single | | Semi | | Train | | ----> On Critical Spans ---->Critical Member | | | |
| Design Loading: | | | | | | | | ----> 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) | | In Advance (Y/N) | No | At Bridge (Y/N) | No | |
| Remarks | Not req. | | | | | | | | |
| Hazard Marker At Bridge (Y/N) | No | | | | | | | | |
| Remarks | Not req. | | | | | | | | |
| Other Sign Types | | | | | | | | | |

| Utilities (Located at) | | | | | | | | | | |
|------------------------|-----------------------|--|--|--|---------------|-----------------------|--|--|--|--|
| Utility Attachments | | | | | | | | | | |
| Telephone | | | | | Gas | | | | | |
| Power | | | | | Municipal | Water Lines @ SW & NW | | | | |
| Others | Light Standards E & W | | | | Problem (Y/N) | No | | | | |
| Remarks | | | | | | | | | | |

| Approach Road | | | | | | | | | |
|-------------------------------------|----------|----------|----------|---------------------------|--|--|--|--|--|
| | | Last | Now | Explanation of Condition | | | | | |
| Horizontal Alignment | | 5 | 7 | NC9- on paved path | | | | | |
| Vertical Alignment | | 5 | 7 | | | | | | |
| Roadway Width (m) | 6.600 | | | | | | | | |
| Approach Bump | | 8 | 8 | | | | | | |
| Guardrail (Y/N) | Yes | | | | | | | | |
| Guardrail | | X | 9 | Steel tube approach rails | | | | | |
| Length (m) | 5.000 | | | | | | | | |
| Current Standard (Y/N) | Yes | | | | | | | | |
| Termination Type | End Post | | | | | | | | |
| Drainage | | 7 | 7 | | | | | | |
| Approach Road General Rating | | 5 | 7 | | | | | | |

| Superstructure | | | | | |
|--|-------|--------------|-------|--------------------------|--|
| Bridge Component | | Last | Now | Explanation of Condition | |
| (Primary Span : RB, 2 Spans, Lengths(m): 13.6-13.6, A-Ident Number:) | | | | | |
| Special Features | | | | | |
| Special Feature | | | X | | |
| (Type :) | | | | | |
| Special Feature | | | X | | |
| (Type :) | | | | | |
| Wearing Surface/Deck Top Detail Ratings | | | | | |
| | N (%) | 1 (%) | 2 (%) | 3 (%) | |
| Last | 0 | 0 | 0 | 0 | |
| Now | 0.0 | 0.0 | 0.0 | 0.0 | |
| Wearing Surface | | | 4 | 8 | |
| (Material Type : ACP) | | | | | |
| (Thickness(mm) : 50) | | | | | |
| Deck Top | | | 4 | N | Paved over |
| Deck Rideability | | | 7 | 9 | |
| Deck Joints | | | 8 | 8 | Buffer at North sealed with caulking |
| Temperature (deg. C) | | 24 | | | |
| (Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC)) | | | | | |
| (Fixed Type : BUFFER ANGLES) | | | | | |
| Gap Size (mm) | | Gap Location | | | |
| 15 | | N abut | | | |
| 55 | | S abut | | | |
| | | | | | |
| Deck Drainage | | | 8 | 8 | |
| Drains Clogged (Y/N) | | No | | | |
| Curbs/Median | | | X | X | |
| (Curb Type : Standard) | | | | | |
| Scaling (Percent Area) | | | | | |
| Bridge Rail | | | 9 | 9 | Timber @ bottom |
| (Type : BRIDGE TUBE) | | | | | |
| Bridge Rail Posts | | 9 | 9 | | |
| (Type : POST STEEL;POST STEEL) | | | | | |
| Bridge Rail/Posts Coating | | 9 | 7 | | |
| (Type : PAINT) | | | | | |
| Sidewalk | | | X | X | |
| Girder/Beam | | | | | |
| Cover Plate | | | X | X | Truss @ sides and rolled beams @ center - bridge widened |
| Flange | | | 9 | 8 | |
| Web | | | 9 | 8 | Spliced over pier |
| Stiffeners | | | X | X | |
| Splice | | | 9 | 8 | |
| Weld | | | X | 8 | |
| Diaphragms/Cross Frame | | | 9 | 8 | |

| Superstructure | | | | |
|--|-----|----------|----------|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| (Primary Span : RB, 2 Spans, Lengths(m): 13.6-13.6, A-Ident Number:) | | | | |
| Paint Condition | | 8 | 7 | |
| (Colour Description : BROWN) | | | | |
| (Colour Code : 30252) | | | | |
| Touchup Required (Y/N) | No | | | |
| Bearings | | 8 | 8 | |
| Temperature (deg. C) | 24 | | | @ Abuts |
| (Expansion Type : REINFORCED PAD BEARING) | | | | |
| (Fixed Type : STEEL SLIDING PLATES WITH BRONZE PLATE IN BETWEEN) | | | | |
| Coating Adequate (Y/N) | Yes | | | @ Piers |
| Functioning (Y/N) | Yes | | | |
| Deck Underside | | 9 | 8 | 150x150 CCA Timber |
| Stains (Percent Area) | | | | |
| Span Alignment Problems | | | | |
| Vertical (Y/N) | No | | | |
| Horizontal (Y/N) | No | | | |
| Superstructure General Rating | | 9 | 8 | |
| Substructure | | | | |
| Bridge Component | | Last | Now | Explanation of Condition |
| Abutments | | | | |
| Bearing Seats/Caps | | 8 | 8 | |
| (Type : CONCRETE) | | | | |
| Backwalls/Breastwalls | | 8 | 8 | |
| Wingwalls | | 8 | 8 | |
| Piles | | N | N | |
| Paint/Coating | | X | X | |
| Abutment Stability | | 9 | 8 | |
| Scour/Erosion | | 6 | 7 | |
| Piers/Bents | | | | |
| (Type : PIER-COLUMN) | | | | |
| Bearing Seats/Caps | | 8 | 8 | |
| (Type : STEEL) | | | | |
| (Total Number of Bearing Piles : 2) | | | | |
| Pier Shaft/Piles | | 8 | 8 | |
| Bracing/Struts/Sheathing | | X | X | |
| Nose Plate | | X | X | |
| Paint/Coating | | N | X | |
| (Colour Description :) | | | | |
| (Colour Code :) | | | | |
| Pier Stability | | 8 | 8 | |
| Scour | | 9 | 8 | |
| Debris (Y/N) | No | | | |

| Substructure | | | | |
|--|-----|----------|----------|--------------------------|
| Bridge Component | | Last | Now | Explanation of Condition |
| Substructure General Rating | | 8 | 8 | |
| Structure Usage | | | | |
| | | Last | Now | Explanation of Condition |
| Channel | | | | |
| (U/S Direction : W) | | | | |
| (D/S Direction : E) | | | | |
| Alignment | | 7 | 7 | |
| Bank Stability | | 6 | 6 | |
| HWM (m below Top of Curb) | 6.0 | | | No visible HWM |
| Drift (Y/N) | Yes | | | Trees @ Banks |
| Slope Protection | | 8 | 8 | |
| (Type : RIP RAP; RIP RAP) | | | | |
| Guidebank/Spurs | | X | X | |
| Adequacy of Opening | | 8 | 8 | |
| (Fish Compensation Measure 1 : NONE) | | | | |
| (Fish Compensation Measure 2 : NONE) | | | | |
| Channel General Rating | | 7 | 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) (%) | 94.4/88.9 | Sufficiency Rating (Last/Now) (%) | /92.1 | Est. Repl. Yr | 2050 | Maint. Req. (Y/N) | No |
| 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 | Tom Carey | | Previous Assistant's Name | | | | |
| Next Inspection Date | 19-Apr-2017 | | Previous Inspection Date | 17-Jul-2007 | | | |
| Inspection Cycle (Default) (months) | 57 | | | | | | |
| Comment | | | | | | | |