

| Bridge Inspection      |  |  |  |      |  |                     |                |  |   |
|------------------------|--|--|--|------|--|---------------------|----------------|--|---|
| Bridge File Number     | 84096 -1 Bridge                                      |  |  |      |  | Form Type           | SG             |  |   |
| Year Built/Year Supstr | 2006/2006  |  |  |      |  | Lot No.             | 4              |  |   |
| Bridge or Town Name    | PEDSTRIAN TRAIL LOCATED OVER LOCAL ROAD NEAR CANMORE |  |  |      |  | Inspector Name      | Garry Roberts  |  |   |
|                        |  |  |  |      |  | Inspector Class     | BR CLS A       |  |   |
| Located Over           | LOCAL ROAD   |  |  |      |  | Assistant Name      |                |  |   |
| Located On             | PEDESTRIAN TRAIL;TRAIL-PED                           |  |  |      |  | Assistant Class     |                |  |   |
| Water Body Cl./Year    |  |  |  |      |  | Inspection Date     | 19-Jul-2012    |  |   |
| Navigabil. Cl./Year    |  |  |  |      |  | Data Entry By       | Kelsey Roberts |  |   |
| Legal Land Location    | NE SEC 31 TWP 24 RGE 10 W5M                          |  |  |      |  | Data Entry Date     | 31-Aug-2012    |  |   |
| Longitude, Latitude    | -115:22:55, 51:05:26                                 |  |  |      |  | Reviewer Name       | Tom Carey      |  |   |
| Road Authority         | Alberta Transportation (AIT)                         |  |  |      |  | Review Date         | 27-Jul-2012    |  |   |
| Contract Main. Area    | UNDEFINED CMA  |  |  |      |  | Dept. Reviewer Name | Tim Davies     |  |   |
| Clear Roadway/Skew     | 4 /  |  |  |      |  | Dept. Review Date   | 06-Sep-2012    |  |   |
| AADT/Year              | 100 / 2012 (E)                                       |  |  |      |  | Follow-Up By        |                |  |   |
| Road Classification    | RLU-208G-60  |  |  |      |  |                     |                |  |   |
| Detour Length (km)     |  |  |  |      |  |                     |                |  |   |
| Allowable Load (t):    | Single   |  |  | Semi |  | Train               |                |  | ----> On Critical Spans<br>---->Critical Member |
| Design Loading:        |  |  |  |      |  |                     |                |  | ----> Primary Span                              |

| Posting Information                  |          |        |                   |    |                  |      |                 |    |                 |             |                  |    |
|--------------------------------------|----------|--------|-------------------|----|------------------|------|-----------------|----|-----------------|-------------|------------------|----|
| Required Vert. Clearance Posting (m) |          |        |                   |    |                  |      |                 |    |                 |             |                  |    |
| Posted Vertical Clearance (Y/N)      |          | No     |                   |    |                  |      |                 |    |                 |             |                  |    |
| Posted:                              | Lane     | NB     | On Bridge (m)     |    | In Advance (Y/N) | No   | Lane            | SB | On Bridge (m)   |             | In Advance (Y/N) | No |
| Remarks                              | Not req. |        |                   |    |                  |      |                 |    |                 |             |                  |    |
| 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 | At Bridge (Y/N) | No          |                  |    |
| Posted:                              | Lane     | SB     | At Junction (Y/N) | No | In Advance (Y/N) | No   | At Bridge (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     | SW and SE |  |  |  |  |
| Others                 | Light Standards |  |  |  |  | Problem (Y/N) | No        |  |  |  |  |
| Remarks                |                 |  |  |  |  |               |           |  |  |  |  |

| Approach Road                       |  |          |  |          |          |                           |  |  |  |  |  |
|-------------------------------------|--|----------|--|----------|----------|---------------------------|--|--|--|--|--|
|                                     |  |          |  | Last     | Now      | Explanation of Condition  |  |  |  |  |  |
| Horizontal Alignment                |  |          |  | 5        | 5        | NC1A                      |  |  |  |  |  |
| Vertical Alignment                  |  |          |  | 5        | 5        |                           |  |  |  |  |  |
| Roadway Width (m)                   |  | 4.000    |  |          |          | Steel @ NW<br>Timber @ SW |  |  |  |  |  |
| Approach Bump                       |  |          |  | 8        | 8        |                           |  |  |  |  |  |
| Guardrail (Y/N)                     |  | Yes      |  |          |          |                           |  |  |  |  |  |
| Guardrail                           |  |          |  | 8        | 8        | Steel @ NW<br>Timber @ SW |  |  |  |  |  |
| Length (m)                          |  | 99.000   |  |          |          |                           |  |  |  |  |  |
| Current Standard (Y/N)              |  | Yes      |  |          |          |                           |  |  |  |  |  |
| Termination Type                    |  | end post |  |          |          |                           |  |  |  |  |  |
| Drainage                            |  |          |  | 8        | 8        |                           |  |  |  |  |  |
| <b>Approach Road General Rating</b> |  |          |  | <b>5</b> | <b>5</b> |                           |  |  |  |  |  |



| Superstructure  |    |          |          |                             |
|---|----|----------|----------|-----------------------------|
| Bridge Component  |    | Last     | Now      | Explanation of Condition    |
| (Primary Span : <b>RB, 1 Spans, Lengths(m): 10.5, A-Ident Number: )</b> |    |          |          |                             |
| Paint Condition   |    | 9        | 8        |                             |
| (Colour Description : <b>RED</b> )                                      |    |          |          |                             |
| (Colour Code : <b>21310</b> )   |    |          |          |                             |
| Touchup Required (Y/N)  | No |          |          |                             |
| Bearings  |    | N        | N        | Too high to see             |
| Temperature (deg. C)  | 22 |          |          |                             |
| (Expansion Type : )   |    |          |          |                             |
| (Fixed Type : )   |    |          |          |                             |
| Coating Adequate (Y/N)  |    |          |          |                             |
| Functioning (Y/N)   |    |          |          |                             |
| Deck Underside  |    | 9        | 8        | 150x150 CCA timber          |
| Stains (Percent Area)   | 0  |          |          |                             |
| <b>Span Alignment Problems</b>  |    |          |          |                             |
| Vertical (Y/N)  | No |          |          |                             |
| Horizontal (Y/N)  | No |          |          |                             |
| <b>Superstructure General Rating</b>                                    |    | <b>9</b> | <b>8</b> |                             |
| Substructure  |    |          |          |                             |
| Bridge Component  |    | Last     | Now      | Explanation of Condition    |
| <b>Abutments</b>  |    |          |          |                             |
| Bearing Seats/Caps  |    | N        | N        |                             |
| (Type : )   |    |          |          |                             |
| Backwalls/Breastwalls   |    | 9        | 8        | 150x150 CCA timber cribbing |
| Wingwalls   |    | 9        | 8        | 150x150 CCA timber cribbing |
| Piles   |    | N        | N        |                             |
| Paint/Coating   |    | X        | 7        | Paint on timbers            |
| Abutment Stability  |    | 9        | 9        |                             |
| Scour/Erosion   |    | 9        | 7        |                             |
| <b>Piers/Bents</b>  |    |          |          |                             |
| (Type : )   |    |          |          |                             |
| Bearing Seats/Caps  |    | X        | X        |                             |
| (Type : )   |    |          |          |                             |
| (Total Number of Bearing Piles : )                                      |    |          |          |                             |
| Pier Shaft/Piles  |    | X        | X        |                             |
| Bracing/Struts/Sheathing  |    | X        | X        |                             |
| Nose Plate  |    | X        | X        |                             |
| Paint/Coating   |    | X        | X        |                             |
| (Colour Description : )   |    |          |          |                             |
| (Colour Code : )  |    |          |          |                             |
| Pier Stability  |    | X        | X        |                             |
| Scour   |    | X        | X        |                             |
| Debris (Y/N)  | No |          |          |                             |
| <b>Substructure General Rating</b>                                      |    | <b>9</b> | <b>8</b> |                             |

| Structure Usage                        |         |          |          |                          |
|--|---------|----------|----------|--------------------------|
|  |         | Last     | Now      | Explanation of Condition |
| <b>Grade Separation</b>                |         |          |          |                          |
| Road Alignment                         |         | 7        | 7        |                          |
| Traffic Safety Features                |         | X        | 8        | Ped rail on wingwalls    |
| Type                                   | Railing |          |          |                          |
| Slope Protection                       |         | 5        | 6        |                          |
| (Type : <b>NATURAL</b> )               |         |          |          |                          |
| Bank Stability                         |         | 7        | 7        |                          |
| Drainage                               |         | 5        | 6        |                          |
| <b>Grade Separation General Rating</b> |         | <b>7</b> | <b>6</b> |                          |

| 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                                      |                   |  |                           |               |           |                   |    |
| <b>Structural Condition Rating (Last/Now) (%)</b> | <b>100.0/88.9</b> | <b>Sufficiency Rating (Last/Now) (%)</b> | <b>79.8/59.5</b>          | Est. Repl. Yr | 2056      | 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-Oct-2015       |  | Previous Inspection Date  | 18-Jul-2007   |           |                   |    |
| Inspection Cycle (Default) (months)               | 39                |  |                           |               |           |                   |    |
| Comment   |                   |  |                           |               |           |                   |    |