| | | | | | | | В | ridge Ir | nspec | tion | | | | | | | |
|-----------------------------|----------|---------|-------------------|-----------------------------------|-----------|-----------|------------------|----------------|--|---|---------------|--------------|---------------|--------------------|---------------------|------|--|
| Bridge File Num | ber | 1315 | | | | | | Form Type | | | PCS | | | | | | |
| Year Built/Year | | 1963 | | | | | | Lot N | Lot No. | | | 3 | | | | | |
| Supstr | | | | | | | | Inspector Name | | | Garry Roberts | | | | | | |
| Bridge or Town | Name | | | | | | | | Inspe | Inspector Class | | | BR CLS A | | | | |
| Located Over | | BEA' | VERD ERCF | RDAM CREEK, 3.89.8.11, RCRS-ST | | | | | Assistant Name | | | | | | | | |
| Located On | | | | C1 9.892 | | | | | Assis | stant C | lass | | | | | | |
| Water Body Cl./ | Year | | | | | | | | | ection | | | 26-Jul-2012 | | | | |
| Navigabil. Cl./Ye | ear | | | | | | | | | Entry | | | Lauren Korte | е | | | |
| Legal Land Loca | ation | SE S | SEC 27 | 7 TWP 2 | 28 RGE | 3 W5M | | | | Entry | | | 02-Sep-2012 | | | | |
| Longitude, Latitu | ıde | -114 | :19:55 | 00, 01:24:60 | | | | | | ewer N | | | Tom Carey | | | | |
| Road Authority | | Albe | rta Tra | ransportation (ALL) | | | | | Review Date | | | 07-Aug-2012 | | | | | |
| Contract Main. A | Area | СМА | 128 | | | | | | | Dept. Reviewer Name | | | Tim Davies | | | | |
| Clear Roadway/ | Skew | 9.1 / | | | | | | | | | ew Date | 9 | 06-Sep-2012 | 2 | | | |
| AADT/Year | | 180 / | / 2011 | (A) | | | | | Follo | w-Up | Ву | | | | | | |
| Road Classification RCU-209 | | J-209-1 | | | | | | | | | | | | | | | |
| Detour Length (I | | | | | | | | | | | | | | | | | |
| Allowable Load | (t): Sin | | CS1 3 GIRDI | | | Semi | | S2 57 RDER | | | Train | CS | 33 82 RDER | | > On Critical Spans | | |
| Design Loading: | | | HS20 | <u> </u> | | | Gil | KDEK | | | | | NUEK | | > Primary | | |
| Dooigii Loadiiig. | | | 11020 | | | | Po | sting Ir | nform | ation | | | | | > 1 minary | Οραπ | |
| Required Load F | Posting | (t) | | Single | | | | | | Semi | | | | Trucl | k Train | | |
| Posted Loading | (t) | | | Single | | | | | | Semi | | | | Truck Train | | | |
| Posted: | Lane | E | В | | At Juno | tion (Y/N | 1) | No | ı | In Adva | ance (Y | /N) | No | At Br | ridge (Y/N) | No | |
| Posted: | Lane | V | VB | | At Juno | tion (Y/N | 1) | No | I | In Adva | ance (Y | /N) | No | At Bridge (Y/N) No | | No | |
| Remarks | Not R | equire | ed. | | | | | | | | | | | | | | |
| Hazard Marker | At Brid | ge (Y/ | /N) \ | Yes | | | | | | | | | | | | | |
| Remarks | | | 1 | NE sign leaning 45 degrees. | | | | | | | | | | | | | |
| Other Sign Type | s | | 1 | Narrow | bridge, 8 | 80 km/hr | , Sto | op ahea | ad. | | | | | | | | |
| | | | | | | | Uti | lities (L | Locate | ed at) | | | | | | | |
| Utility Attachme | nts | | | | | | | | | | | | | | | | |
| Telephone | SOUT | 'H DI | TCH. | | | | | | Gas 80m E | | | East. | | | | | |
| Power | 2 WIF | RE NC | NORTH FENCE LINE. | | | | | | | Municipal | | | | | | | |
| Others | | | | | | | | | Problem (Y/N) No | | | | | | | | |
| Remarks | Telus | line s | strung | under b | ridge @ | East ab | | | | | | | | | | | |
| | | | | | | | ast | Approa Now | ach Road Explanation of Condition | | | | | | | | |
| Horizontal Align | ment | | | | | L | σ 5τ 7 | 7 | | | | | | | | | |
| Vertical Alignme | | | | | | | 8 | 8 | Stop sign 100m East. Intersection with SH 7 | | H 76 | 766 to East. | | | | | |
| Roadway Width | | | | 11.000 | | | J | J | Gravel at West end | | | | | | | | |
| Approach Bump | · , | | | 11.000 | | | 5 | 5 | Jiav | Gravel at West end - paved at east end. | | | | | | | |
| Guardrail (Y/N) | | | ı | No | | | | | | | | | | | | | |
| Guardrail | | | | | | | Χ | Х | 1 | | | | | | | | |
| Length (m) | | | | | | | | - | 1 | | | | | | | | |
| Current Stand | ard (Y/ | N) | ı | No | | | | | | | | | | | | | |
| Termination T | | | 1 | NONE | | | | | | | | | | | | | |
| Drainage | | | | | | | 7 | 7 | | | | | | | | | |
| Approach Road | d Gene | ral R | ating | | | | 7 | 7 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

| | | | | | Suners | structure | | | | |
|---|-----------------|--------------|-----------------|--------|--------|---|--|--|--|--|
| Bridge Com | ponent | | | | Now | | | | | |
| | | ns. Lenaths | (m): 11.6, A-ld | | | | | | | |
| Special Feat | | | | | | | | | | |
| Special Feat | | | | | X | | | | | |
| (Type:) | | | | | | | | | | |
| Special Feat | ure | | | | X | | | | | |
| (Type:) | <u></u> | | | | | | | | | |
| | face/Deck Top | Detail Ratin | ne | | | | | | | |
| Wearing Sun | N (%) | 1 (%) | 2 (%) | 3 (%) | | | | | | |
| Last | 0 | 0 | 0 | | 0 | | | | | |
| Now | 60.0 | 0.0 | 0.0 | | 0.0 | | | | | |
| Wearing Surf | | 0.0 | 0.0 | X | X | | | | | |
| | | | | | | | | | | |
| (Material Ty | | | | | | | | | | |
| (Thickness(mm) :) Lateral Connection Problem No | | | | | | | | | | |
| (Y/N) | | | | | | | | | | |
| Deck Top | | | | | 6 | | | | | |
| | | | | 6 | Ļ | | | | | |
| Deck Rideability | | | | | 6 | | | | | |
| Deck Joints | | | | | X | | | | | |
| Bump (Y/N |) | No | | | | | | | | |
| Deck Drainag | ge | | | 7 | 7 | | | | | |
| Drains Clog | gged (Y/N) | No | | | | | | | | |
| Curbs/Media | n | | | 7 | 7 | | | | | |
| (Curb Type | : Standard) | | | | | | | | | |
| Scaling (Pe | ercent Area) | 0 | | | | | | | | |
| Bridge Rail | | | | 4 | 4 | Double layer. Missing 8 splice bolts at North curb wing ends. Missing 1 anchor bolt nut at North curb. Incorrect lap @ SE wing end. | | | | |
| (Type : GA | LVANIZED ST | TEEL FLEX | BEAM) | | | | | | | |
| Bridge Rail P | osts | | | 4 | 4 | | | | | |
| (Type : GA STEEL) | LVANIZED PO | OST STEEL; | GALVANIZED | POST | | | | | | |
| Bridge Rail/P | osts Coating | | | 7 | 7 | | | | | |
| | LVANIZED) | | | | | | | | | |
| Sidewalk | | | | Х | Х | | | | | |
| | | | | | | | | | | |
| Girder Detail | | | | | | | | | | |
| | N (count) | 1 (count) | 2 (count) | 3 (cou | unt) | | | | | |
| Last | 0 | 0 | 0 | | 0 | | | | | |
| Now | 0 | 0 | 0 | | 0 | | | | | |
| Girders | | | | 4 | 4 | 2/11 girders wide cracks in AZ in 1 leg, 1 of which is a curb girder. | | | | |
| Last Complet | te Inspection D | Date 26-Ju | -2012 | | | Narrow Shear Cracks @ West abut in G6 & G8. Remainder of girders in good condition. | | | | |
| Cracking (\ | Y/N) | Yes | | | | | | | | |
| Spalling (P | ercent Area) | 1 | | | | | | | | |
| Lift or Conne Grouted (Y/N | | Yes | | | | | | | | |
| (Number Of 0 | Girders : 11) | | | | | | | | | |
| | nent Problems | s | | | | | | | | |
| Vertical (Y/ | | No | | | | | | | | |
| Horizontal | • | No | | | | | | | | |
| | ure General R | | | 4 | 4 | | | | | |
| - | | | | | | | | | | |

| Now 0 | | | | | | Subst | ructuro |
|--|---------------------------------------|---------------|-----------------------|-----------|--------|-------|---------------------------------------|
| CAPS REPLACED 1995 : CAPS REPLACED 1995 : | Bridge Com | nonent | | | l act | | |
| (Extended Backwall Piles (YN): N) (Extended Backwall Piles Spacingmm):) (CAPS REPLACED 1995); (Extended Backwall Piles Seals Caps Corbels Delai Ratings | | | | | | INOW | Explanation of Condition |
| (Extended Backwall Piles Spacingmm):) Total Number of Cape/Corbels: 3:4) Searing Seats(Cape/Corbels: 2:4) (Openthirm): 305 Searing Seats(Cape/Corbels: 2:4) Seats(Cape/Corbels: 2:4 | | Backwall Bilo | c (V/NI) · NI) | | | | (CARS REDI ACED 1005) |
| Total Number of Capa/Corbels : 3:4) | | | | ١.١ | | | (CAPS REPLACED 1995). |
| ### A | (Extended | Dackwall Pile | s spacing(min |) ·) | | | |
| ### A | | | | | | | |
| No (count) 1 (count) 2 (count) 3 (count) | (Total Number | er of Caps/Co | orbels : 3:4) | | | | |
| Searing Seats/Caps/Corbels | Bearing Seat | s/Caps/Corbe | els Detail Ratin | gs | | | |
| Now 0 0 0 0 0 0 0 0 0 | | N (count) | 1 (count) | 2 (count) | 3 (cou | ınt) | |
| Searing Seats/Caps/Corbels | Last | 0 | 0 | 0 | | 0 | |
| (Type : TREATED TIMBER) ((Depth(mm) : 305) 3ackwalls/Breastwalls | Now | 0 | 0 | 0 | | 0 | |
| Coepth(mm) : 305 (Width(mm) : 305) | Bearing Seat | ts/Caps/Corbe | els | | 7 | 7 | |
| Coepth(mm) : 305 (Width(mm) : 305) | | | | | | | |
| Widelyman 356 350 | | | , | | | | |
| Account Count Co | | | | | | | |
| Secretest Height (m) | | • | | | 7 | 7 | Driven sheathing. |
| Minor damage at SW - still functional. | | | 2.30 | | | | |
| Total Number of Bearing Piles : 8:8) | | | | | | 5 | Minor damage at SW - still functional |
| | | | | | | | |
| N (count) | (Total Number of Bearing Piles : 8:8) | | | | | | |
| According | Piles Detail Ratings | | | | | | |
| Abutment Stability | | N (count) | 1 (count) | 2 (count) | 3 (cou | ınt) | |
| Paint/Coating | Last | 0 | 0 | 0 | | 0 | |
| Paint/Coating | Now | 0 | 0 | 0 | | 0 | |
| Abutment Stability 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 7 7 Coour/Erosion 8 Coour/Erosion 8 Coour/Erosion 8 Coour/Erosion 9 Coour/Er | Piles | | | | 7 | 7 | |
| Abutment Stability 7 7 Coour/Erosion | Paint/Coating | g | | | X | Х | |
| Priess P | | | | | | | |
| Count Coun | Abutment Sta | ability | | | 7 | 7 | |
| Count Coun | Secur/Erecie | <u> </u> | | | 7 | 7 | |
| Total Number of Caps/Corbels :) Bearing Seats/Caps/Corbels Detail Ratings | SCOUI/E10510 | 111 | | | ' | ' | |
| Total Number of Caps/Corbels : | Piers/Bents | | | | | | |
| Total Number of Caps/Corbels : | (Type:) | | | | | | |
| Rearing Seats Caps Count 1 (count 2 (count 3 (count 1 (count 2 (count 3 (count 1 (count 2 (count 1 (count 1 (count 2 (count 1 (count | | er of Caps/Co | orbels:) | | | | |
| N (count) | | | | gs | | | |
| Asst | | 1 | | | 3 (cou | ınt) | |
| Searing Seats/Caps/Corbels | Last | | | | | · | |
| (Type:) (Depth(mm):) (Width(mm):) Total Number of Bearing Piles:) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ast | Now | | | | | | |
| (Type:) (Depth(mm):) (Width(mm):) Total Number of Bearing Piles:) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) ast | Bearing Seat | ts/Caps/Corbe | els | | Х | Х | |
| (Depth(mm) :) (Width(mm) :) (Total Number of Bearing Piles :) Piles Detail Ratings N (count) 1 (count) 2 (count) ast Now Pier Shaft/Piles X X Greatest Height (m) Stracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) (Colour Code :) | | | | | | | |
| (Width(mm):) Total Number of Bearing Piles:) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now Pier Shaft/Piles Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Colour Description:) (Colour Code:) | | n):) | | | | | |
| Total Number of Bearing Piles :) Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last Now Pier Shaft/Piles Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Colour Description :) (Colour Code :) | | | | | | | |
| Piles Detail Ratings N (count) 1 (count) 2 (count) 3 (count) | | | Piles :) | | | | |
| N (count) 1 (count) 2 (count) 3 (count) | | | , | | | | |
| Now Pier Shaft/Piles X X Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Colour Description: (Colour Code:) | | | 1 (count) | 2 (count) | 3 (co. | ınt) | |
| Now Pier Shaft/Piles X X Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:) | Last | (322) | (222) | (222) | (350 | , | |
| Pier Shaft/Piles X X Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:) | Now | | | | | | |
| Greatest Height (m) Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:) | | les | | | Х | Х | 1 |
| Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:) | | | | | | | |
| Nose Plate X X Paint/Coating X X (Colour Description:) (Colour Code:) | | | | | X | Х | |
| Paint/Coating X X (Colour Description:) (Colour Code:) | | | | | | | |
| (Colour Description :) (Colour Code :) | | | | | | | |
| (Colour Code :) | | | | | X | X | |
| | | | | | | | |
| B | (Colour Co | de :) | | | | | 0.45 |

| | | | Subst | ructure |
|------------------------------|------------------|---|---------|--------------------------|
| Bridge Component | Bridge Component | | Now | Explanation of Condition |
| Pier Stability | | X | X | |
| Scour | | Х | Х | |
| Debris (Y/N) | No | | | |
| Substructure General Rating | | | 7 | |
| | | | Structu | re Usage |
| | | | Now | Explanation of Condition |
| Channel | | | | |
| (U/S Direction : S) | | | | Sharp bend up stream. |
| (D/S Direction : N) | | | | |
| Alignment | | 6 | 6 | |
| Bank Stability | | 7 | 7 | |
| HWM (m below Top of Curb) | | | | No visible HWM. |
| Drift (Y/N) | No | | | |
| Slope Protection | | 6 | 6 | |
| (Type: NATURAL; NATURA | L) | | | |
| Guidebank/Spurs | | | Х | |
| Adequacy of Opening | | 7 | 7 | |
| (Fish Compensation Measure 1 | : NONE) | | | |
| (Fish Compensation Measure 2 | : NONE) | | | |
| Channel General Rating | | 6 | 6 | |

| | | Maintenance Reco | ommenda | ations | | | | | |
|--|------------------------------|--------------------------------------|------------|------------------------|---------------|------|-----------------|-----------|-------|
| Inspector Recommendations | Year | Inspector Comments | | Department Comm | nents | | 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/EROSI | ON | | | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | | | | |
| INSTALL STRUTS | | | | | | | | | |
| OTHER ACTION | 2012 | Straighten hazard marker @ NE corner | r. | | | | | | |
| OTHER ACTION | | | | | | | | | |
| OTHER ACTION | | | | | | | | | |
| OTHER ACTION | | | | | | | | | |
| Structural Condition Rating (Last/N (%) | low) 61.1/6 | 1.1 Sufficiency Rating (Last/No (%) | ow) 7 | 70.3/70.1 | Est. Repl. Yr | 2027 | Maint. Re | qd. (Y/N) | Yes |
| Special Comments for Next Inspection | · | | | Department Comments | | | | | |
| Maintenance Reviewed By | | | | Date | | | Estimated Total | 0 | |
| Proposed Long-Term Strategy | | | | | | | | | |
| On 3-Year Program (Y/N) | | | | | | | | | |
| On 3-1 car i Togram (1/14) | | | | | | | | | |
| Proposed Action | | | | | | | | | |
| | Garry Roberts | P | Previous A | Assistant's Name | | | | | |
| Proposed Action | Garry Roberts 26-Oct-2015 | | | Assistant's Name | 20-Apr-2009 | | | | |
| Proposed Action Previous Inspector's Name | 1 | | | | 20-Apr-2009 | | | | |