| Bridge File Number 01015 E-3 Bridge Form Type SG Year Built/Year Supstr 2008/2008 Lot No. 4 Bridge or Town Name BALZAC Inspector Name Garry Roberts Located Over NOSE CREEK, 2.13.32, WATERCRS-ST Inspector Class BR CLS A Located On 566:04 R1 1.150 Assistant Name Assistant Class Water Body CL/Year Inspector Date 26-Jul-2012 Navigabil. CL/Year Inspector Date 26-Jul-2012 Longitude, Latitude -113:59:49, 51:12:45 Review Name Tom Carey Road Authority Alberta Transportation (AIT) Review Date 07-Aug-2012 Clear Roadway/Skew 11.5 / Popt. Review Date 06-Sep-2012 AADT/Year 7,720 / 2011 (A) Follow-Up By Tim Davies Poteour Length (km) CL800 Semi CS2 49 Train CS3 62 > On Critica Allowable Load (t): Single Semi Truck Train > On Critica > On Critica Required Load Posting (t) Single Semi Truck Train | | | | |
|---|------------|--|--|--|
| Supstr Inspector Name Garry Roberts Bridge or Town Name BALZAC Inspector Class BR CLS A Located Over NOSE CREEK, 2.13.32, WATERCRS-ST Assistant Name Assistant Class Located On 566:04 R1 1.150 Assistant Class Inspector Date 26-Jul-2012 Navigabil. Cl./Year Inspector Date 26-Jul-2012 Data Entry By Lauren Korte Legal Land Location NW SEC 9 TWP 26 RGE 29 W4M Data Entry Date 30-Aug-2012 Reviewer Name Tom Carey Road Authority Alberta Transportation (AIT) Review Date Tom Carey Review Date 06-Sep-2012 AADT/Year 7,720 / 2011 (A) Follow-Up By Follow-Up By Semi CS3 62 > On Critica Allowable Load (t): Single Semi Train CS3 62 > On Critica Posting Information CL800 Semi Train Truck Train | | | | |
| Bridge or Town Name BALZAC Inspector Name Garly Roberts Located Over NOSE CREEK, 2.13.32, WATERCRS-ST Inspector Class BR CLS A Located On 566:04 R1 1.150 Assistant Name Assistant Class Inspector Date 26-Jul-2012 Navigabil. Cl./Year Inspector Date 26-Jul-2012 Data Entry By Lauren Korte Longitude, Latitude -113:59:49, 51:12:45 Tom Carey Reviewer Name Tom Carey Road Authority Alberta Transportation (AIT) Review Date 07-Aug-2012 Dept. Review Date 06-Sep-2012 AADT/Year 7,720 / 2011 (A) Follow-Up By Follow-Up By Follow-Up By > On Critica Allowable Load (t): Single Semi CS2 49 Train CS3 62 > On Critica Required Load Posting (t) Single Semi Truck Train | | | | |
| Located Over NOSE CREEK, 2.13.32, WATERCRS-ST Inspection Class BR CLS A Located On 566:04 R1 1.150 Assistant Name Assistant Class Assistant Class Inspection Date 26-Jul-2012 Data Entry By Lauren Korte Logatude, Latitude -113:59:49, 51:12:45 Serviewer Name Tom Carey Reviewer Name Tom Carey Road Authority Alberta Transportation (AIT) Review Date 07-Aug-2012 Dept. Review Date 06-Sep-2012 AADT/Year 7,720 / 2011 (A) Follow-Up By Follow-Up By > On Critica Allowable Load (t): Single Semi CS2 49 Train CS3 62 > On Critica Required Load Posting (t) Single Semi Semi Semi Train Truck Train | | | | |
| Located On 566:04 R1 1.150 Assistant Name Assistant Name Assistant Value Water Body Cl./Year Assistant Class Assistant Class Inspection Date 26-Jul-2012 Navigabil. Cl./Year NW SEC 9 TWP 26 RGE 29 W4M Data Entry By Lauren Korte Data Entry Date 30-Aug-2012 Longitude, Latitude -113:59:49, 51:12:45 Review Rame Tom Carey Review Rame Tom Carey Road Authority Alberta Transportation (AIT) Navigabil. Cl./Year Tom Carey Tom Carey Clear Roadway/Skew 11.5 / Review Rame Tim Davies Dept. Review Date 06-Sep-2012 AADT/Year 7,72 / 2011 (A) Fellow-Up By Fellow-Up By Fellow-Up By Semi > On Critica Allowable Load (t): Single Semi CS2 49 Train CS3 62 > On Critica Required Load Posting (t) Single Semi Semi Semi > On Critica Required Load Posting (t) Single Semi Semi Truck Train | | | | |
| Water Body Cl./Year Assistant Class Assistant Classis Assistant Classis | | | | |
| Navigabil. Cl./Year Image clinit bare 26-501-2012 Legal Land Location NW SEC 9 TWP 26 RGE 29 W4M Data Entry By Lauren Korte Longitude, Latitude -113:59:49, 51:12:45 $30-Aug-2012$ $30-Aug-2012$ Road Authority Alberta Transportation (AIT) $Reviewer Name$ $Tom Carey$ Contract Main. Area CM-29 $Reviewer Name$ $07-Aug-2012$ Clear Roadway/Skew 11.5 / $Reviewer Name$ $Tim Davies$ AADT/Year $7,72 \cup 2011$ (A) $RAD-412.4-120$ $Review Date$ $06-Sep-2012$ Detour Length (km) $RAD-412.4-120$ $Semi$ $CS2 49$ $Train$ $CS 3 62$ $> On Critical Me> Critical Me$ | | | | |
| Legal Land Location NW SEC 9 TWP 26 RGE 29 W4M Data Entry Date Data Entry Date 30-Aug-2012 Longitude, Latitude -113:59:49, 51:12:45 Image: 100 mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm | | | | |
| Longitude, Latitude -113:59:49, 51:12:45 Jata Entry Date 30-Adg-2012 Road Authority Alb=ta Transportation (AIT) Reviewer Name Tom Carey Tom Carey Contract Main. Area CM-29 07-Aug-2012 Tim Davies Or-Aug-2012 Clear Roadway/Skew 11.5 / Dept. Review Date 06-Sep-2012 Or-Aug-2012 AADT/Year 7,720 / 2011 (A) Image: Seminor Se | | | | |
| Road Authority Alberta Transportation (AIT) Keviewel Name Tom Cafey Contract Main. Area CMA29 Review Date 07-Aug-2012 Clear Roadway/Skew 11.5 / Dept. Review Date 06-Sep-2012 AADT/Year 7,720 / 2011 (A) Follow-Up By 06-Sep-2012 Road Classification RAD-412.4-120 Follow-Up By 06-Sep-2012 Allowable Load (t): Single Semi CS2 49 Train CS3 62 > On Critical Me Design Loading: CL800 Semi CS2 49 Train CS3 62 > On Critical Me Required Load Postivity | | | | |
| Contract Main. Area CMA29 Image: CMA29 Clear Roadway/Skew 11.5 / AADT/Year 7,720 / 2011 (A) Road Classification RAD-412.4-120 Detour Length (km) Image: CS1 28 Allowable Load (t): Single CL800 CS2 49 Train CS3 62 > On Critica > On Critica > Critical Me Design Loading: CL800 Semi Semi Semi Semi Semi Train CS3 62 > On Critica > Primary S | | | | |
| Clear Roadway/Skew 11.5 / Dept. Review Pame Tim Davies AADT/Year 7,720 / 2011 (A) Dept. Review Date 06-Sep-2012 Road Classification RAD-412.4-120 Fellow-Up By Fellow-Up By Detur Length (km) CS1 28 Semi CS2 49 Train CS3 62 > On Critica Allowable Load (t): Single CL800 > Primary S > Primary S Required Load Posting (t) | | | | |
| AADT/Year 7,720 / 2011 (A) Dept. Newlew Date OD-Sep-2012 Road Classification RAD-412.4-120 Follow-Up By Follow-Up By > On Critica Detour Length (km) Allowable Load (t): Single CS1 28 Semi CS2 49 Train CS3 62 > On Critica Design Loading: CL800 > Posting Information > Primary S > Primary S Required Load Posting (t) | Tim Davies | | | |
| Road Classification RAD-412.4-120 Detour Length (km) > On Critica Allowable Load (t): Single CS1 28 Semi CS2 49 Train CS3 62 > On Critica Design Loading: CL800 > Primary S > Primary S Posting Information Required Load Posting (t) Single Semi Semi Truck Train | | | | |
| Detour Length (km) Output Length (km) Single Semi CS2 49 Train CS3 62 > On Critical Me> Critical Me> Critical Me> Critical Me> Primary S Design Loading: CL800 > Primary S > Primary S Required Load Posting (t) Single Semi Truck Train | | | | |
| Allowable Load (t): Single CS1 28 Semi CS2 49 Train CS3 62 > On Critical Me Design Loading: CL800 > Primary S Posting Information Required Load Posting (t) | | | | |
| Design Loading: CL800 > Primary S Posting Information Required Load Posting (t) Single Semi Truck Train | al Spans | | | |
| Posting Information Required Load Posting (t) Single Semi Truck Train | | | | |
| Required Load Posting (t) Single Semi Truck Train | | | | |
| Posted Loading (t) Single Semi Truck Train | | | | |
| | | | | |
| Posted: Lane WB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N) | | | | |
| Posted: Lane EB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N) | | | | |
| Remarks Not required. | | | | |
| Hazard Marker At Bridge (Y/N) No | | | | |
| Remarks | | | | |
| Other Sign Types Not required. | | | | |
| Utilities (Located at) | | | | |
| Utility Attachments | | | | |
| Telephone North ROW. Gas | | | | |
| Power Municipal | | | | |
| Others Street lighting. Problem (Y/N) No | | | | |
| Remarks | | | | |
| Approach Road | | | | |
| Last Now Explanation of Condition | | | | |
| Horizontal Alignment 6 6 Hwy 2 ramps 70 m West. | | | | |
| Vertical Alignment 7 7 | | | | |
| Roadway Width (m) 10.800 | | | | |
| Approach Bump 7 7 | | | | |
| Guardrail (Y/N) Yes | | | | |
| Guardrail 8 8 | | | | |
| Length (m) | | | | |
| Current Standard (Y/N) Yes | | | | |
| Termination Type Turn Down | | | | |
| Drainage 7 6 Minor erosion at SW. | | | | |
| Approach Road General Rating 6 6 | | | | |

| Superstructure | | | | | | | | | |
|------------------------|--------------------------------------|--------------|-----------------|------------|-------|--------------------------|--|--|--|
| Bridge Com | nponent | | | Last | Now | Explanation of Condition | | | |
| (Primary Spa | an : WG, 1 Spa | ans, Lengths | (m): 20.2, A-lo | lent Nu | mber: | | | | |
| Special Fea | tures | | | | | | | | |
| Special Feature | | | | | X | | | | |
| (Туре :) | | | | | | | | | |
| Special Feature | | | | | X | | | | |
| (Туре :) | | | | | | | | | |
| Wearing Sur | ring Surface/Deck Top Detail Ratings | | | | | | | | |
| | N (%) | 1 (%) | 2 (%) | 3 (%) 0 | | | | | |
| Last | 0 | 0 | 0 | | | | | | |
| Now | 0.0 | 0.0 | 0.0 | 0 |).0 | | | | |
| Wearing Surface | | | | 8 | 7 | Isolated cracks. | | | |
| (Material T | Type : ACP) | | | | | | | | |
| (Thickness | s(mm) : 70) | | | | | | | | |
| Deck Top | | | | N | N | | | | |
| Deck Rideat | oility | | | 8 | 8 | | | | |
| Deck Joints | | | | X | Х | | | | |
| Temperatu | ure (deg. C) | | | | | | | | |
| (Expansio | n Type :) | | | | | | | | |
| (Fixed Typ | be:) | | | | | | | | |
| Gap Size (| (mm) | Gap | Location | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Deck Draina | | | | 7 | 7 | | | | |
| Drains Clo | ogged (Y/N) | No | | | | | | | |
| Curbs/Media | | | | 8 | 8 | Parapets. | | | |
| (Curb Type | | | | | | - | | | |
| Scaling (P | ercent Area) | 0 | | | | | | | |
| Bridge Rail | | | | X | X | | | | |
| (Type :) | | | | | | - | | | |
| Bridge Rail I | Posts | | | X | X | | | | |
| (Type :) | | | | | | - | | | |
| | Posts Coating | | | X | X | | | | |
| (Type :) | | | | | | | | | |
| Sidewalk | | | | X | X | | | | |
| Girder/Bear | | | | | | | | | |
| Cover Plat | te | | | X | X | - | | | |
| Flange | | | | 7 | 7 | - | | | |
| Web | | | | 7 | 7 | - | | | |
| Stiffeners | | | | 7 | 7 | - | | | |
| Splice | | | | X | X | - | | | |
| Weld | | | | 7 | 7 | | | | |
| Diaphragms/Cross Frame | | | | 7 | 7 | | | | |
| | | | | | | | | | |

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

01015 E-3 Bridge

| Superstructure | | | | | | | | | |
|---|-------------------------|--------|---------|--------------------------|--|--|--|--|--|
| Bridge Component | | | Now | | | | | | |
| (Primary Span : WG, 1 Spans, L | .engths(m): 20.2, A-Ide | ent Nu | mber:) | | | | | | |
| Paint Condition | | 7 | 7 | Blue. | | | | | |
| (Colour Description : BLUE) | | | | | | | | | |
| (Colour Code : 15182) | | | | | | | | | |
| Touchup Required (Y/N) | No | | | | | | | | |
| Bearings | | 9 | 8 | | | | | | |
| Temperature (deg. C) | 24 | | | Both abuts. | | | | | |
| (Expansion Type : REINFORC | ED PAD BEARING) | | | | | | | | |
| (Fixed Type :) | | | | | | | | | |
| Coating Adequate (Y/N) | | | | | | | | | |
| Functioning (Y/N) | Yes | | | | | | | | |
| Deck Underside | | 9 | 8 | | | | | | |
| Stains (Percent Area) | 0 | | | | | | | | |
| Span Alignment Problems | | | | | | | | | |
| Vertical (Y/N) | No | | | | | | | | |
| Horizontal (Y/N) | No | | | | | | | | |
| Superstructure General Rating |] | 7 | 7 | | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| Bridge Component | | Last | Now | Explanation of Condition | | | | | |
| Abutments | | 9 | 0 | | | | | | |
| Bearing Seats/Caps (Type : CONCRETE) | | 9 | 9 | | | | | | |
| Backwalls/Breastwalls | | 9 | 9 | | | | | | |
| Dackwalls/Dieastwalls | | 9 | 9 | | | | | | |
| Wingwalls | | | 8 | | | | | | |
| Piles | | N | N | | | | | | |
| Paint/Coating | | 8 | 8 | | | | | | |
| Abutment Stability | | 9 | 9 | | | | | | |
| Scour/Erosion | | | 9 | | | | | | |
| | | | | | | | | | |
| Piers/Bents | | | | | | | | | |
| (Type :) Bearing Seats/Caps | | x | X | | | | | | |
| (Type :) | | ^ | ^ | | | | | | |
| (Total Number of Bearing Piles : |) | | | | | | | | |
| Pier Shaft/Piles |) | X | X | | | | | | |
| Bracing/Struts/Sheathing | | X | X | | | | | | |
| Bracing/Struts/Sheathing | | | | | | | | | |
| Nose Plate | | X | X | | | | | | |
| Paint/Coating | | Х | Х | | | | | | |
| (Colour Description :) | | | | | | | | | |
| (Colour Code :) | | | | | | | | | |
| Pier Stability | | Х | X | | | | | | |
| Scour | | Х | Х | | | | | | |
| Debris (Y/N) | No | | | | | | | | |
| Substructure General Rating | 1 | 9 | 9 | | | | | | |

Alberta Transportation

| Structure Usage | | | | | | | | | |
|-----------------------------------|-------|---|-----|--------------------------|--|--|--|--|--|
| | | Last | Now | Explanation of Condition | | | | | |
| Channel | | | | | | | | | |
| (U/S Direction : N) | | Outlet of W/B culvert extends 1/2 way under bridge. | | | | | | | |
| (D/S Direction : S) | | | | | | | | | |
| Alignment | | 7 | 7 | | | | | | |
| Bank Stability | | | 8 | | | | | | |
| IWM (m below Top of Curb) | | | | No visible HWM. | | | | | |
| Drift (Y/N) | No | | | | | | | | |
| Slope Protection | | | 8 | | | | | | |
| (Type : RIP RAP; RIP RAP) | | | | | | | | | |
| Guidebank/Spurs | | | X | | | | | | |
| Adequacy of Opening | | | 7 | | | | | | |
| (Fish Compensation Measure 1 | NONE) | | _ | | | | | | |
| (Fish Compensation Measure 2 | NONE) | | | | | | | | |
| Channel General Rating | | | 7 | | | | | | |

01015 E-3 Bridge

| Maintenance Recommendations | | | | | | | | | | | |
|--|------------|------------------------|-----------------------------------|--------|------------------------|-------|-------------|------|-----------------|-----------|-------|
| Inspector Recommendations | Yea | ar | Inspector Comments | | Department Cor | mment | ts | | 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/EROSIC | ON | | | | | | | | | | |
| PLACE ADDITIONAL RIP RAP | | | | | | | | | | | |
| REMOVE DRIFT ACCUMULATION | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | |
| OTHER ACTION | | | | | | | | | | | |
| Structural Condition Rating (Last/No (%) | ow) 88.9 | 9/88.9 | Sufficiency Rating (Last/N (%) | low) 7 | 76.8/72.8 | Est | . Repl. Yr | 2050 | Maint. Red | qd. (Y/N) | No |
| Special Comments for Next Inspection | | | | | Department Comments | | | | | | |
| Maintenance Reviewed By | | | | | Date | | | E | Estimated Total | 0 | |
| Proposed Long-Term Strategy | | | | | | | | | | | |
| On 3-Year Program (Y/N) | | | | | | | | | | | |
| Proposed Action | | | | | | | | | | | |
| Previous Inspector's Name | Previous / | vious Assistant's Name | | | | | | | | | |
| Next Inspection Date 26-Oct-2015 Previo | | | | | nspection Date | | 02-Jun-2009 | | | | |
| Inspection Cycle (Default) (months) | | | | | | | | | | | |
| Comment | | | | | | | | | | | |