|  |          |          |         |                     |                   |          | В   | ridge Ir         | nspect   | tion   |                    |                     |  |                   |                |                      |
|--|----------|----------|---------|---------------------|-------------------|----------|-----|------------------|--|--|--------------------|---------------------|--|-------------------|----------------|----------------------|
| Bridge File Number 70241 -2 Bridge                                     |          |          |         |                     |                   |          |     |                  |  |  |                    | SG                  |  |                   |                |                      |
| Year Built/Year 2010/2010  |          |          |         |                     |                   |          |     |                  | Lot No.  |  |                    | 2                   |  |                   |                |                      |
| Supstr   |          |          |         |                     |                   |          |     |                  | Inspector Name   |  |                    | Brian Pientsch      |  |                   |                |                      |
| Bridge or Town Name WATINO<br>Located Over SMOKY RIVER, 8.10.58, WATER |          |          |         |                     |                   |          |     |                  |  | Inspector Class  |                    |                     | BR CLS A                                   |                   |                |                      |
| Located Over   |          |          |         |                     | .10.58, V         | WATERC   | RS  | S-ST             | Assistant Name   |  |                    | Russel Vanderschaaf |  |                   |                |                      |
| Located On 49:08 C1 16.395   |          |          |         |                     |                   |          |     |                  | Assistant Class  |  |                    | BR CLS B            |  |                   |                |                      |
| Water Body CI./  |          |          |         |                     |                   |          |     |                  |  | Inspection Date  |                    |                     | 25-Jul-2011                                |                   |                |                      |
| Navigabil. Cl./Ye  |          |          | 0-0     |                     |                   | <u> </u> |     |                  | Data   | Entry  | Ву                 |                     | Theresa Lacusta                            |                   |                |                      |
| Legal Land Loca  |          | <u> </u> |         | 4 TWP 77 RGE 24 W5M |                   |          |     |                  | Data   | Data Entry Date  |                    |                     | 05-Oct-2011                                |                   |                |                      |
| Longitude, Latitu  | lde      | <u> </u> |         | 1, 55:43:02         |                   |          |     |                  | Reviewer Name  |  |                    | Eric Carcoux        |  |                   |                |                      |
| Road Authority Alberta Transporta                                      |          |          |         |                     | ation (AI         | 1)       |     |                  | Review Date  |  |                    | 29-Sep-2011         |  |                   |                |                      |
| Contract Main. A   |          | CM       |         |                     |                   |          |     |                  | Dept.  | Dept. Reviewer Name  |                    |                     | Steve Pasqu                                | ian               |                |                      |
| Clear Roadway/   | Skew     | 11/      |         |                     |                   |          |     |                  | Dept.  | Revi   | ew Date            | )                   | 18-Nov-2017                                | 1                 |                |                      |
| AADT/Year  |          |          | / 201   |                     |                   |          |     |                  | Follo  | w-Up   | Ву                 |                     |  |                   |                |                      |
| Road Classificat   |          |          | J-211   | .8-110              |                   |          |     |                  | -  |  |                    |                     |  |                   |                |                      |
| Detour Length (I   |          | 96       |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                | 1.0                  |
| Allowable Load   | (t): Sir | ngle     | CS1     | 28                  |                   | Semi     | CS  | \$2 49           |  |  | Train              | CS                  | 3 62                                       |                   | > On Crition   | cal Spans<br>/lember |
| Design Loading:  |          |          | CS8     | 00                  |                   | ·        |     |                  |  |  |                    |                     |  |                   | > Primary Span |                      |
|  |          |          |         |                     |                   |          | Po  | sting Ir         | nforma   | ation  |                    |                     |  |                   |                | •                    |
| Required Load Posting (t) Single                                       |          |          |         |                     | Single            |          |     |                  | S  | Semi   |                    |                     | Truc                                       | < Train           |                |                      |
| Posted Loading   | (t)      |          |         | Single              |                   |          |     |                  | Semi   |  |                    | Truck Train         |  |                   |                |                      |
| Posted:  | Lane     | ١        | WB      |                     | At Junction (Y/N) |          |     | No               | In Advance (Y/N)   |  | 7N)                | No                  | At Br                                      | t Bridge (Y/N) No |                |                      |
| Posted:  | Lane     |          |         |                     | tion (Y/N         | Y/N) No  |     | In Advance (Y/N) |  | No   | At Br              | At Bridge (Y/N) No  |  |                   |                |                      |
| Remarks  | Not re   | eq'd     |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |
| Hazard Marker  | At Brid  | ge (Y    | (/N)    | Yes                 |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |
| Remarks  |          |          |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |
| Other Sign Type  | s        |          |         | "Steep              | Grade"; "         | 'Curve A | hea | ad"              |  |  |                    |                     |  |                   |                |                      |
|  |          |          |         |                     |                   |          | Uti | ilities (L       | _ocate   | d at)  |                    |                     |  |                   |                |                      |
| Utility Attachme   | nts      |          |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |
| Telephone  | N side   | e - se   | ervices | s town of           | Watino            |          |     |                  | Gas  |  |                    |                     |  |                   |                |                      |
| Power  | N side   | Э        |         |                     |                   |          |     |                  |  | Municipal  |                    |                     |  |                   |                |                      |
| Others   |          |          |         |                     |                   |          |     |                  | Problem (Y/N) No   |  |                    |                     |  |                   |                |                      |
| Remarks  |          |          |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |
|  |          |          |         |                     |                   |          |     | Approa           |  |  |                    |                     |  |                   |                |                      |
|  |          |          |         |                     |                   |          | st  | Now              | <u> </u>   |  | on of Co           |                     |  |                   |                |                      |
| Horizontal Align   |          |          |         |                     |                   |          | 5   | 5                | Curve @ both ends, limited sight distance.<br>Sttep grade @ both ends. |  |                    |                     |  |                   |                |                      |
| Vertical Alignme   |          |          |         | 44.000              |                   |          | 5   |                  |  |  |                    |                     |  |                   |                |                      |
| Roadway Width  | . ,      |          |         | 11.000              |                   |          | 0   | 0                | -  |  |                    |                     |  |                   |                |                      |
| Approach Bump  |          |          |         | Ve-                 |                   |          | 8   | 8                | 10// 11  |  |                    |                     | _  |                   |                |                      |
| Guardrail (Y/N)  |          |          |         | Yes                 |                   |          | 4   | 0                |  |  | am tran<br>; SW-66 |                     |  | E-80.             | 4m.            |                      |
| Guardrail  |          |          |         | 57 400              |                   |          | 4   | 3                |  | N-64.1m; SW-66.5m; Se-57.5m;NE-80.4m.<br>Jiit post SE approach-photo |                    |                     |  |                   |                |                      |
| Length (m)   | and ()() | (N I)    |         | 57.400              |                   |          |     |                  | -  |  |                    |                     |  |                   |                |                      |
| Current Stand  |          | IN)      |         | Yes                 |                   |          |     |                  | -  |  |                    |                     |  |                   |                |                      |
| Termination T  | уре      |          |         | Turn Do             | own               |          | 4   | <u> </u>         | 0-   | 4  |                    |                     |  | معان              |                |                      |
| Drainage   |          |          |         |                     |                   |          | 4   | 3                | Scou   | r from   | high flo           | ow at               | d NE corners<br>t NW corner v<br>mWx6mLx4m | vhere             |                | ain enters           |
| Approach Road  | d Gene   | eral F   | Rating  | )                   |                   |          | 5   | 5                |  |  |                    |                     |  |                   |                |                      |
|  |          |          |         |                     |                   |          |     |                  |  |  |                    |                     |  |                   |                |                      |

|   |                       |         |        |               |        | Supers   | tructure  |
|---|-----------------------|---------|--------|---------------|--------|----------|---|
| Bridge Com                              | ponent                |         |        |               | Last   | Now      | Explanation of Condition  |
| (Primary Spa                            | an : <b>WG, 5 Spa</b> | ans, Le | ngths( | m): 52-63-63· | 63-52, | A-Ident  | Number: )   |
| Special Feat                            | ures                  |         |        |               |        |          |   |
| Special Feat                            | ure                   |         |        |               |        | Х        |   |
| (Type : )                               |                       |         |        |               |        |          |   |
| Special Feat                            | ure                   |         |        |               |        | Х        |   |
| (Type : )                               |                       |         |        |               | _      |          |   |
| Wearing Surface/Deck Top Detail Ratings |                       |         |        |               |        |          |   |
|   | N (%)                 |         |        |               | 3 (%)  |          |   |
| Last                                    |                       |         |        |               |        |          |   |
| Now                                     |                       |         |        |               |        |          |   |
| Wearing Surf                            | face                  |         |        |               | 8      | 8        |   |
| (Material T                             |                       |         |        |               |        |          |   |
| (Thickness                              |                       |         |        |               |        |          |   |
| Deck Top                                |                       |         |        |               | N      | N        | Conc. deck inspected prior to waterproofing/painting.   |
| Deck Rideab                             | ility                 |         |        |               | 9      | 9        |   |
| Deck Joints                             |                       |         |        |               | 8      | 8        |   |
| Temperatu                               | re (dea. C)           | :       | 22     |               |        |          | 1   |
| · · ·                                   | n Type : <b>FINGE</b> |         |        |               |        |          | 1   |
| (Fixed Type                             |                       |         | ,      |               |        |          |   |
| Gap Size (I                             |                       |         | Gap I  | ocation       |        |          |   |
| 112                                     |                       |         | W. ab  |               |        |          |   |
| 105                                     |                       |         | E. ab  |               |        |          |   |
| 100                                     |                       |         | L. ab. |               |        |          |   |
|   |                       |         |        |               |        |          |   |
|   |                       |         |        |               |        |          | -   |
|   |                       |         |        |               |        |          |   |
| Deck Drainag                            | De                    |         |        |               | 9      | 9        |   |
| Drains Clog                             | -                     | 1       | No     |               |        | 5        |   |
| Curbs/Media                             |                       |         |        |               | 7      | 7        | Typical vertical narrow cracking.   |
| (Curb Type                              |                       |         |        |               | 1      | 1        | Typical ventical narrow eracking.   |
|   | ercent Area)          |         |        |               |        |          |   |
|   | ficent Alea)          |         |        |               | 0      | 0        |   |
| Bridge Rail                             |                       |         |        |               | 9      | 9        |   |
| (Type : )                               |                       |         |        |               | 0      | <u> </u> | 4   |
| Bridge Rail P                           |                       |         |        |               | 9      | 9        | Discolored(random)  |
| STEEL)                                  | LVANIZED PC           | 22121   | EEL;G  | ALVANIZED     |        |          | -   |
| Bridge Rail/P                           |                       |         |        |               | 8      | 8        | -   |
| (Type : <b>GA</b>                       | LVANIZED)             |         |        |               |        |          |   |
| Sidewalk                                |                       |         |        |               | X      | X        |   |
| Girder/Beam                             | 1                     |         |        |               |        |          |   |
| Cover Plate                             | 9                     |         |        |               | Х      | Х        |   |
| Flange                                  |                       |         |        |               | 9      | 9        |   |
| Web                                     |                       |         |        |               | 9      | 9        |   |
| Stiffeners                              |                       |         |        |               | 9      | 9        |   |
| Splice                                  |                       |         |        |               | 9      | 9        | 1   |
| Weld                                    |                       |         |        |               | 9      | 9        | 1   |
|   | Cross Frame           |         |        |               | 7      | 7        | 2nd bottom horiz. bracing from West abut. between G2/G3 distorted.probably from construction. |
|   |                       |         |        |               |        |          |   |

Alberta Transportation

| Bridge ComponentLotsNowExplanation of Condition(Primary Span : Work Spans, Long the (N): 2043-363-363-363-363-363-363-363-363-363-3   |  |                       |        | Supers  | tructure                                     |           |  |  |  |  |
|---|--|-----------------------|--------|---------|--|-----------|--|--|--|--|
| Paint ConditionXXXXEach Price of Condition(Colour Code :)   | Bridge Component   |                       |        |         |  |           |  |  |  |  |
| Colum Code : )Colum Code : )9Touchup Required (YN)NoPersonance (QC)22(Expansion Type : POT BEARING) $P_{1,P2,P3,P4}$ Coating Adequate (YN)YesCoating Adequate (YN)YesFunctioning (YN)YesDeck Underside77Random cracking with effiorescence staining.Stairs (Percent Area)1Vertical (YN)NoVertical (YN)NoSuperstructure General Rating7TTBarding Satis Cope99Orgenerational (YN)NoSuperstructure General Rating7TTBackwalls/Reastwalls99Orgenerational (YN)NoNo  | (Primary Span : WG, 5 Spans,   | Lengths(m): 52-63-63  | 63-52, | A-Ident | t Number: )                                  |           |  |  |  |  |
|   | Paint Condition  |                       | X      | Х       | Weathering steel                             |           |  |  |  |  |
| Touchup Required (YiN)NoImage: state of the stat         | (Colour Description : )  |                       |        |         |  |           |  |  |  |  |
| Bearings9999Tenperature (deg.C)2222(Expansion Type : POT BEARING)Coating Adequate (viN)YesPunctioning (VN)YesPunctoning (VN)YesDack Underside1Stains (Percentrae)1Stains (Percentrae)1Superstructure General Rating77Strige ComponentLastBedrig Seats/Capis9Orype : COKRETE)99PilesVNoSuperstructure General Rating9Strige ComponentLastAduments9Orype : CorkRETE)9Bearing Seats/Capis9Orype : CorkRETE)9PilesNNo mental Stability9Pint/Coating9Sour/Erosion9Orype : CorkRETE)9Piers/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orype : CorkRETE)9Pres/Bents9Orge : Stability9Pres/Bents9Orge : Stability9Pres/Bents9Orge : Stability9Pres/Bents   | (Colour Code : )   |                       |        |         |  |           |  |  |  |  |
| Temperature (deg. C)22Image: Constraint Type : POT BEAR ING):<br>   | Touchup Required (Y/N)   | No                    |        |         |  |           |  |  |  |  |
| Image: I   | Bearings   |                       | 9      | 9       |  |           |  |  |  |  |
| Image: Find Type : FORE DEARING)PI,P2,P3,P4(Find Type : FORED BEARING)Coating Adequate (V/N)YesYesFunctioning (Y/N)YesStatus (Percent Area)1Status (Percent Area)1Status (Percent Area)1Superstructure General RatingSame StatusSuperstructure General RatingSuperstructure General RatingSuperstructure General RatingSuperstructure General RatingStatus (V/N)NoSuperstructure General RatingSuperstructure General Rating <th cols<="" td=""><td>Temperature (deg. C)</td><td>22</td><td></td><td></td><td>A1 and A2</td></th>  | <td>Temperature (deg. C)</td> <td>22</td> <td></td> <td></td> <td>A1 and A2</td> | Temperature (deg. C)  | 22     |         |  | A1 and A2 |  |  |  |  |
| Coating Adequate (Y/N)YesImage: Second Area (Y/N)YesPack Undersity (Y/N)1Image: Second Area (Y/N)7Random cracking with efforescence staining.Stains (Percent Area)1Image: Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Stains (Percent Area)1Image: Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Stains (Percent Area)1Image: Second Area (Y/N)Image: Second Area (Y/N)Horizontal (Y/N)NoImage: Second Area (Y/N)Image: Second Area (Y/N)Stains (Percent Area)1Image: Second Area (Y/N)Horizontal (Y/N)NoImage: Second Area (Y/N)Image: Second Area (Y/N)Stains (Percent Area)Image: Second Area (Y/N)Image: Second Area (Y/N)Abutment Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Pierd Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Scour/ErosionImage: Second Area (Y/N)Image: Second Area (Y/N)Pierd Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Pierd Second Area (Y/N)Image: Second Area (Y/N)Image: Second Area (Y/N)Second Area (Y/N)Image: Seco  | (Expansion Type : POT BEAF   | RING)                 |        |         | P1,P2,P3,P4                                  |           |  |  |  |  |
| Functioning (V/N)YesVertTRandom cracking with efficiescence staining.Stains (Percent Area)1ISpan Alignment ProblemsVertical (V/N)NoVertical (V/N)Vertical (V/N)NoVertical (V/N)Superstructure General Rating77Superstructure General Rating77Superstructure General Rating99Fridge ComponentLastNoSuperstructure General Rating99Searce ComponentSuperstructure General Rating9Bearing Seats/Caps99Citype : CONCRETE)Superstructure General Rating9Bearing Seats/Caps99Vingwalls99Vingwalls// Streastwalls99Piers/Bents99Citype : CONCRETE)99Scour/Erosion99Piers/Bents99(Type : Flers/OLID)Vertical Market Pieles : 5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:   | (Fixed Type : PINNED BEAR  | ING)                  |        |         |  |           |  |  |  |  |
| Functioning (V/N)YesVertTRandom cracking with efficiescence staining.Stains (Percent Area)1ISpan Alignment ProblemsVertical (V/N)NoVertical (V/N)Vertical (V/N)NoVertical (V/N)Superstructure General Rating77Superstructure General Rating77Superstructure General Rating99Fridge ComponentLastNoSuperstructure General Rating99Searce ComponentSuperstructure General Rating9Bearing Seats/Caps99Citype : CONCRETE)Superstructure General Rating9Bearing Seats/Caps99Vingwalls99Vingwalls// Streastwalls99Piers/Bents99Citype : CONCRETE)99Scour/Erosion99Piers/Bents99(Type : Flers/OLID)Vertical Market Pieles : 5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:5:   | Coating Adequate (Y/N)   | Yes                   |        |         |  |           |  |  |  |  |
| Deck UndersideTTTRandom cracking with efflorescence staining.Stains (Percent Area)1ISpan Alignment ProblemsIIVertical (Y/N)NoINoIISuperstructure General RatingIIBridge ComponentLastNoStains (CapsIIBearing Saats/CapsISpan AlignmentBearing Saats/CapsISpan AlignmentBearing Saats/CapsISpan AlignmentMingwallsIIPilesNNPilesNNScour/FrosionIIScour/FrosionIIPiers/BentsII(Type : PIER-SOLD)IIBearing Seats/CapsIIPiers/BentsII(Type : PIER-SOLD)IIBearing Seats/CapsIIIndumber of Bearing Piles : 5:5:5)IPiers/BentsII(Type : CORCRETE)IIndumber of Bearing Piles : 5:5:5)IPiers/BeathingINose PlateIInductor Cade : IIInductor Cade   |  | Yes                   |        |         |  |           |  |  |  |  |
| Stains (Percent Area)1Image: Constraint of Constrai         | Deck Underside   |                       | 7      | 7       | Random cracking with efflorescence staining. |           |  |  |  |  |
| Span Alignment ProblemsVertical (Y/N)NoSuperstructure General Rating777Superstructure General Rating777Superstructure General Rating777Superstructure General Rating777Superstructure General Rating777Superstructure SuperstructureBearing Seats/Caps99Superstructure SuperstructureBearing Seats/Caps99(Type : CONCRETE)Backwalls/Breastwalls99PilesNNPrince Colspan="2">SuperstructureSour/Erosion99Superstructure99Prev/Sents(Type : CONCRETE)(Type : Statif')(Type : Statif')(Total Number of Bearing Piles : St.St.St.Statif')Pier Shatif')(Colour Description : )(Colour Description : ) <th colspa<="" td=""><td>Stains (Percent Area)</td><td>1</td><td></td><td></td><td></td></th>   | <td>Stains (Percent Area)</td> <td>1</td> <td></td> <td></td> <td></td>          | Stains (Percent Area) | 1      |         |  |           |  |  |  |  |
| Vertical (Y/N)NoNoHoriz contal (Y/N)No $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Superstructure General Rating $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Bridge ComponentLastNowExplanation of ConditionAbutments $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Bearing Seats/Caps $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Bearing Seats/Caps $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Bridge Component $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Bearing Seats/Caps $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Backwalls/Breastwalls $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Wingwalls $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Piles $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Paint/Coating $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Abutment Stability $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Scour/Erosion $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Piers/Bents $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ Type : CONCRETE) $\overline{Y}$ $\overline{Y}$ Type : CONCRETE) $\overline{Y}$ $\overline{Y}$ Priers/Beating Piles : 5:5:5) $\overline{Y}$ $\overline{Y}$ Pier Shat/Piles $\overline{Y}$ $\overline{Y}$ Piers/Botang Piles : 5:5:5) $\overline{Y}$ $\overline{Y}$ Pier Shat/Piles $\overline{Y}$ $\overline{Y}$ Piers/Botang Piles : 5:5:5) $\overline{Y}$ $\overline{Y}$ Piers/Botang Piles : $\overline{Y}$ $\overline{Y}$ $\overline{Y}$ <  | · · · · · · · · · · · · · · · · · · ·  |                       |        |         |  |           |  |  |  |  |
| Horizontal (V/N)NoImage: Constraint of the second s         |  | No                    |        |         |  |           |  |  |  |  |
| Superstructure General Rating7777SubsectiveBridge ComponentLastNowExplanation of ConditionAbutmentsExplanation of ConditionAbutmentsExplanation of ConditionAbutmentsExplanation of ConditionAbutmentsSubsectiveBackwalls/Caps99Pries/Bearing Sats/Caps99Piers/Bents99Crype: PIER-SOLD)Fries/Bents99Type: PIER-SOLDType: PIER-SOLDType: PIER-SOLDFries/Bents99Type: PIER-SOLDType: PIER-SOLDType: PIER-SOLDType: PIER-SOLDType: Colspan="2">Colspan="2">Sour/Ero (Stating Pile: St5:S)Pier Shaf/PileS99Paint/Coating9Paint/Coating9Paint/Coating9Pier Shaf/PileS9Pier Shaf/PileS9Pier Shaf/PileS9Pier Shaf/PileS9   |  |                       |        |         |  |           |  |  |  |  |
| SubstructureStatureBridge ComponentLastNowExplanation of ConditionAbutmentsBearing Seats/Caps99(Type : CONCRETE)Backwalls/Breastwalls99PiersCONCRETE)Backwalls/Breastwalls99PiersCONCRETE)Piers/Bearts99Piers/Bents(Type : PIER-SOLD)Erers/Bearts99Piers/Bearts99Piers/Bearts99(Type : CONCRETE)(Type : CONCRETE)(Type : CONCRETE)(Type : CONCRETE)(Type : CONCRETE)999999999999Piers/Bearts9999999 <td></td> <td></td> <td>7</td> <td>7</td> <td></td>   |  |                       | 7      | 7       |  |           |  |  |  |  |
| Bridge Component<br>AbutmentsLast<br>NovExplanation of ConditionAbutments99Bearing Seats/Caps99(Type : CONCRETE)99Wingwalls/Breastwalls99Wingwalls/Breastwalls99Piels99Paint/Coating99Abutment Stability99Scour/Erosion99Pres/Berts99Pres/Berts99Crype : PIER-SOLD99Pres/Berts99Type : PIER-SOLD99Pres/Berts99Pres/Berts99Pres/Berts99Pres/Berts99Pres/Berts99Pres/Berts99Pres/Berts99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels99Pres/Berts/Diels9Pres/Be  |  | 5                     |        |         |  |           |  |  |  |  |
| AbutmentsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsBearing Seats/CapsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsBackwalls/BreastwallsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsPilesImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsAbutment StabilityImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsPiers/BentsImage: Seats/CapsImage: Seats/CapsImage: Seats/CapsPiers/SoLID)Image: Seats/CapsImage:  |  |                       |        | 1       |  |           |  |  |  |  |
| Bearing Seats/Caps9999(Type : CONCRETE)999Wingwalls999Wingwalls999PilesNNNPaint/Coating999Abutment Stability999Scour/Erosion999Pers/Bents99(Type : PIER-SOLID)99Bearing Seats/Caps99(Type : CONCRETE)99(Total Number of Bearing Piles : 5:5:5)99Pier Shaft/Piles99Bracing/Struts/Sheathing99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Scour99ScourNNNoNNDebris (r/M)NoHeavy drift at piers on occassion.  |  |                       | Last   | Now     | Explanation of Condition                     |           |  |  |  |  |
| (Type : CONCRETE)Backwalls/Breastwalls99Wingwalls99Wingwalls99PilesNNPaint/Coating99Abutment Stability99Scour/Erosion99Scour/Erosion99Piers/Bents99(Type : PIER-SOLID)99Bearing Seats/Caps99Total Number of Bearing Piles : 5:5:599Pier Shaft/Piles99Bracing/Stuts/Sheathing99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating99Paint/Coating :99Paint/Coating :99Colour Description : ):<br>(Colour Code : )99Pier Stability99ScourNNNoNN   |  |                       |        |         |  |           |  |  |  |  |
| Backwalls/Breastwalls99Wingwalls99Wingwalls99PilesNNPint/Coating99Abutment Stability99Scour/Erosion99Piers/Bents99Pres/Bents99Trype : PIER-SOLD)99Pres/Bents99Trype : PIER-SOLD)99Pres/Bents99Trype : CONCRETE)99Trype : CONCRETE)99Pres/Benting Piles : 5:5:5)99Pres/Benting Piles : 5:5:5)  |  |                       |        | 9       |  |           |  |  |  |  |
| NNNPilesNNPaint/CoatingNNPaint/Coating99Abutment Stability99Scour/Erosion99Scour/Erosion99Piers/Bents99(Type : PIER-SOLID)99(Type : CONCRETE)99(Type : CONCRETE)99(Type : CONCRETE)99Pers/Bath/Piles99Bracing/Struts/Sheathing99Nose Plate99Pint/Coating99Colour Description : )<br>(Colour Code : )99ScourN9ScourNNNoNN  |  |                       |        | -       |  |           |  |  |  |  |
| PilesNNNPierdNNCapseal/clear sealerAbutment Stability99Scour/Erosion99Scour/Erosion99Piers/Bents<br>(Type : PIER-SOLID)99Bearing Seats/Caps<br>(Type : CONCRETE)99(Type : CONCRETE)99(Type : CONCRETE)99(Type: CONCRETE)99Piers/Buts/Sheathing99Bracing/Struts/Sheathing99Paint/Coating99Paint/Coating99Piert/Coating99Scour99ScourNoNNoNN  | Backwalls/Breastwalls  |                       | 9      | 9       |  |           |  |  |  |  |
| Paint/CoatingImage: Constraint of the selection | Wingwalls  |                       |        | 9       |  |           |  |  |  |  |
| Abutment Stability999Scour/Erosion99Piers/Bents<br>(Type : PIER-SOLID)<br>Bearing Seats/Caps99(Type : CONCRETE)<br>(Total Number of Bearing Piles : 5:5:5)99Pier Shaft/Piles99Bracing/Struts/Sheathing99Nose Plate99Paint/Coating<br>(Colour Description :)<br>(Colour Description :)<br>(Colour Code :)99Pier Stability99ScourNoNNDebris (Y/N)NoIHeavy drift at piers on occassion.  | Piles  |                       | N      | N       |  |           |  |  |  |  |
| Image: Second Piers/Bents99(Type : PIER-SOLID)99Bearing Seats/Caps99(Type : CONCRETE)99(Total Number of Bearing Piles : 5:5:5)99Pier Shaft/Piles99Bracing/Struts/SheathingVXNose Plate99Paint/Coating99(Colour Description : )99(Colour Code : )99Pier Stability99ScourNoNNoNNDebris (Y/N)NoImage: Second Piersen P   | Paint/Coating  |                       | 9      | 9       | Capseal/clear sealer                         |           |  |  |  |  |
| Piers/BentsImage: set   | Abutment Stability   |                       | 9      | 9       |  |           |  |  |  |  |
| $\begin{array}{ c c c } \hline (Type : PIER-SOLID) & 9 & 9 \\ \hline (Type : CONCRETE) & 9 & 9 \\ \hline (Type : CONCRETE) & & & & & & & & & & & & & & & & & & &$   | Scour/Erosion  |                       | 9      | 9       |  |           |  |  |  |  |
| Bearing Seats/Caps 9 9   (Type : CONCRETE) (Total Number of Bearing Piles : 5:5:5:5) 9   Pier Shaft/Piles 9 9   Bracing/Struts/Sheathing 1 X   Nose Plate 9 9   Paint/Coating 9 9   IColour Description : ) 9 9   (Colour Code : ) 9 9   Pier Stability 9 9   Scour No N   No No N  | Piers/Bents  |                       |        |         |  |           |  |  |  |  |
| (Type : CONCRETE)   9   9     (Total Number of Bearing Piles : 5:5:5:)   9   9     Pier Shaft/Piles   9   9     Bracing/Struts/Sheathing   X   X     Nose Plate   9   9     Paint/Coating   9   9     (Colour Description : )   9   9     (Colour Code : )   9   9     Pier Stability   9   9     Scour   No   N     No   No   N     No   V   Heavy drift at piers on occassion.  | (Type : <b>PIER-SOLID</b> )  |                       |        |         |  |           |  |  |  |  |
| (Total Number of Bearing Piles : 5:5:5:)Pier Shaft/Piles9Pier Shaft/Piles9Bracing/Struts/SheathingXNose Plate9Paint/Coating9Paint/Coating9(Colour Description : )<br>(Colour Code : )Pier Stability9Pier Stability9ScourNoNoNDebris (Y/N)NoItem StabilityNoItem StabilityNo <td>Bearing Seats/Caps</td> <td></td> <td>9</td> <td>9</td> <td></td>   | Bearing Seats/Caps   |                       | 9      | 9       |  |           |  |  |  |  |
| Pier Shaft/Piles999Bracing/Struts/SheathingXXNose Plate99Paint/Coating99(Colour Description : )<br>(Colour Code : )99Pier Stability99Pier Stability99ScourNoNDebris (Y/N)NoI  | (Type : CONCRETE)  |                       |        |         |  |           |  |  |  |  |
| Bracing/Struts/Sheathing   X   X   X     Nose Plate   9   9   9     Paint/Coating   9   9   9     (Colour Description : )   9   9   9     (Colour Code : )   9   9   9     Pier Stability   9   9   9     Scour   No   N   N     Debris (Y/N)   No   Image: Stability of the stability of   | (Total Number of Bearing Piles   | : 5:5:5:5)            |        |         | _  |           |  |  |  |  |
| Nose Plate 9 9   Paint/Coating 9 9   (Colour Description : )<br>(Colour Code : ) 9 9   Pier Stability 9 9   Scour 9 9   No Image: Noise plate-glavanized.   | Pier Shaft/Piles   |                       | 9      | 9       |  |           |  |  |  |  |
| Paint/Coating 9 9   (Colour Description : )<br>(Colour Code : ) 9 9   Pier Stability 9 9   Scour 9 9   No N N   Debris (Y/N) No I   | Bracing/Struts/Sheathing   |                       | X      | X       |  |           |  |  |  |  |
| (Colour Description : )   (Colour Code : )     Pier Stability   9   9     Scour   N   N     Debris (Y/N)   No   Image: Market Amplitude Amplitud  | Nose Plate   |                       | 9      | 9       |  |           |  |  |  |  |
| (Colour Code : )   9   9     Pier Stability   9   9     Scour   N   N     Debris (Y/N)   No   Image: March and Piers on occassion.  | Paint/Coating  |                       | 9      | 9       | Nose plate-glavanized.                       |           |  |  |  |  |
| (Colour Code : )   9   9     Pier Stability   9   9     Scour   N   N     Debris (Y/N)   No   Image: March and Piers on occassion.  |  |                       |        |         |  |           |  |  |  |  |
| Pier Stability 9 9   Scour N N   Debris (Y/N) No Image: Market Amplitude Amplit   |  |                       |        |         |  |           |  |  |  |  |
| Debris (Y/N) No Heavy drift at piers on occassion.  | Pier Stability   |                       | 9      | 9       |  |           |  |  |  |  |
|   | Scour  |                       | N      | N       |  |           |  |  |  |  |
| Substructure General Rating 9 9   | Debris (Y/N)   | No                    |        |         | Heavy drift at piers on occassion.           |           |  |  |  |  |
|   | Substructure General Rating  |                       | 9      | 9       |  |           |  |  |  |  |

|                                   |         |      | Structu | re Usage   |
|-----------------------------------|---------|------|---------|--|
|                                   |         | Last | Now     | Explanation of Condition                                   |
| Channel                           |         |      |         |  |
| (U/S Direction : W)               |         |      |         |  |
| (D/S Direction : E)               |         |      |         |  |
| Alignment                         |         | 8    | 8       |  |
| Bank Stability                    |         |      | 5       | Vertical cut banks u/s and d/s, not affecting bridge.      |
| HWM (m below Top of Curb)         | 7.4     |      |         |  |
| Drift (Y/N)                       | No      |      |         | Erosion on banks and drift-25-Jul-2011                     |
| Slope Protection                  |         | 9    | 9       | Entire East headslope and lower portion of West headslope. |
| (Type : <b>RIP RAP; RIP RAP</b> ) |         |      |         |  |
| Guidebank/Spurs                   |         | X    | X       |  |
| Adequacy of Opening               |         |      | 9       |  |
| (Fish Compensation Measure 1      | : NONE) |      |         |  |
| (Fish Compensation Measure 2      | : NONE) |      |         |  |
| Channel General Rating            |         | 5    | 5       |  |

70241 -2 Bridge

|  |      |                                | Maintenand                     | ce Recommend | ations                            |  |             |                 |           |     |
|--|------|--------------------------------|--------------------------------|--------------|-----------------------------------|--|-------------|-----------------|-----------|-----|
| Inspector Recommendations                  |      | Year                           | Inspector Comments             |              | Department Com                    |  | Target Year | Est. Cost       | Cat #     |     |
| REPAIR/REPLACE BRIDGE RAIL                 | 2012 | 1 post SE approach             |                                |              |                                   |  |             |                 |           |     |
| 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/EROSIO               | NC   |                                |                                |              |                                   |  |             |                 |           |     |
| PLACE ADDITIONAL RIP RAP                   | 2012 | NW scour repair and rock ditch | drain.                         |              |                                   |  |             |                 |           |     |
| REMOVE DRIFT ACCUMULATION                  |      |                                |                                |              |                                   |  |             |                 |           |     |
| OTHER ACTION                               |      |                                |                                |              |                                   |  |             |                 |           |     |
| OTHER ACTION                               |      |                                |                                |              |                                   |  |             |                 |           |     |
| OTHER ACTION                               |      |                                |                                |              |                                   |  |             |                 |           |     |
| OTHER ACTION                               |      |                                |                                |              |                                   |  |             |                 |           |     |
| Structural Condition Rating (Last/No (%)   | ow)  | 88.9/88.                       | 9 Sufficiency Rating (L<br>(%) | _ast/Now)    | <b>70.2/70.1</b> Est. Repl. Yr 20 |  | 2085        | Maint. Re       | qd. (Y/N) | Yes |
| Special<br>Comments for<br>Next Inspection |      |                                |                                |              | Department<br>Comments            |  |             |                 |           |     |
| Maintenance Reviewed By                    |      |                                |                                |              | Date                              |  | I           | Estimated Total | 0         |     |
| Proposed Long-Term Strategy                |      |                                |                                |              | ·                                 |  |             |                 |           |     |
| On 3-Year Program (Y/N)                    |      |                                |                                |              |                                   |  |             |                 |           |     |
| Proposed Action                            |      |                                |                                |              |                                   |  |             |                 |           |     |
| Previous Inspector's Name Dave             |      | am                             |                                | Previous /   | Assistant's Name                  |  |             |                 |           |     |
|  |      | -2013                          |                                | Previous I   | s Inspection Date 24-Jun-2010     |  |             |                 |           |     |
| Inspection Cycle (Default) (months) 21     |      |                                |                                |              |                                   |  |             |                 |           |     |
| Comment                                    |      |                                |                                |              |                                   |  |             |                 |           |     |