|   |          |          |                |              | Brida         | e Culve    | ert Inspe                     | ction           |                 |               |                       |       |  |
|---|----------|----------|----------------|--------------|---------------|------------|-------------------------------|-----------------|-----------------|---------------|-----------------------|-------|--|
| Bridge File Nu                                | mber     | 13228 -  | 1 Bridge Culve |              | -meg          | o ourv     | Form Ty                       |                 |                 | CULM          |                       |       |  |
| Year Built                                    |          | 1956     |                |              |               |            | Lot No.                       |                 |                 | 4             |                       |       |  |
| Bridge or Towr                                | n Name   |          | NT             |              |               |            | Inspector Name                |                 |                 | Wade Nanninga |                       |       |  |
| Located Over                                  |          |          | ARY TO WHIT    | TEFISH CR    | REEK.         |            |                               | Inspector Class |                 | BR CLS A      | <u>g</u>              |       |  |
|   |          | 7.25.2.7 | , WATERCRS     | -ST          | ,             |            | Assistant Name                |                 | 211 020 / 1     |               |                       |       |  |
| Located On                                    |          | 866:02   | C1 13.372      |              |               |            | Assistant Class               |                 |                 |               |                       |       |  |
| Water Body Cl                                 | ./Year   |          |                |              |               |            |                               | on Date         |                 | 14-Dec-2012   |                       |       |  |
| Navigabil. Cl./                               | ⁄ear     |          |                |              | Data Entry By |            |                               |                 | Theresa Lacusta |               |                       |       |  |
| Legal Land Lo                                 | cation   | SW SEC   | C 12 TWP 61 F  | RGE 12 W4    | IM            |            |                               | Data Entry Date |                 | 15-Jan-2013   |                       |       |  |
| Longitude, Lati                               | itude    | -111:40: | 42, 54:15:25   |              |               |            |                               | Reviewer Name   |                 | Eric Carcoux  |                       |       |  |
| Road Authority Alberta Transportation (AIT)   |          |          |                |              |               |            | Review                        |                 | <u> </u>        | 09-Jan-2013   |                       |       |  |
| Contract Main.                                | Area     | CMA08    |                |              |               |            |                               |                 | Nama            | Paul Catt     |                       |       |  |
| Clear Roadway                                 | y/Skew   | 9.8 /    |                |              |               |            |                               | eview D         |                 | 18-Jan-2013   |                       |       |  |
| AADT/Year                                     |          | 380 / 20 | 11 (A)         |              |               |            | Follow-I                      |                 | aic             | 10-Jaii-2013  |                       |       |  |
| Road Classific                                | ation    | RCU-20   | 9-110          |              |               |            | T Ollow-                      | ор Бу           |                 |               |                       |       |  |
| Detour Length                                 | (km)     | 20       |                |              |               |            |                               |                 |                 |               |                       |       |  |
| Bridge Culver                                 | t Inform | ation    |                |              |               |            |                               |                 |                 |               |                       |       |  |
| Number of Cul                                 | verts    |          | 2              |              |               |            |                               |                 |                 |               |                       |       |  |
| Pipe #  | Barrel   |          | Span           | Rise (or D   | Dia.)         | Туре       |                               | Length          |                 | Corr. Profile | PI./Slab<br>Thickness | Shape |  |
| 1   | MAIN     |          |                | 2314         |               | SP         |                               | 28.7            |                 | 152X51        | 3.0                   | ROUND |  |
| 2   | MAIN     |          |                | 2019         |               | SP         |                               | 36              |                 | 152X51        | 2.8                   | ROUND |  |
| Special Featur                                | es       |          |                |              |               |            |                               |                 |                 |               |                       |       |  |
| Special Featur                                | es Comi  | ment     | Tag on West s  | ide of N pip | oe cro        | wn.        |                               |                 |                 |               |                       |       |  |
|   |          |          | _              |              |               |            |                               |                 |                 |               |                       |       |  |
|   |          |          |                |              | Uti           | lities (L  | Located                       | at)             |                 |               |                       |       |  |
| Utility Attachm                               | ents     |          |                |              |               |            |                               |                 | 1               |               |                       |       |  |
| Telephone                                     | Along    | West dit | ch.            |              |               |            | Gas                           |                 |                 |               |                       |       |  |
| Power   | 1 wire   | OH 22m   | East of c/l.   |              |               |            | Municip                       | al              |                 |               |                       |       |  |
| Others  |          |          |                |              |               |            | Problem                       | n (Y/N)         | No              |               |                       |       |  |
| Remarks                                       |          |          |                |              |               |            |                               |                 |                 |               |                       |       |  |
|   |          |          |                |              |               |            | d / Emba                      |                 |                 |               |                       |       |  |
|   |          |          |                |              | Last          | Now        | Explana                       |                 |                 | tion          |                       |       |  |
| Horizontal Alig                               |          |          |                |              | 8             | 7          | ∐Farm er<br> Middle (         | ntrance I       | NE.             |               |                       |       |  |
| Vertical Alignm                               | nent     |          |                | 7            | 7             | Iviidaio ( | or dag.                       |                 |                 |               |                       |       |  |
|   |          |          |                |              |               |            |                               |                 |                 |               |                       |       |  |
|   |          |          | _              |              |               |            |                               |                 |                 |               |                       |       |  |
| Roadway Widt                                  | h (m)    |          | 10.000         |              |               |            |                               |                 |                 |               |                       |       |  |
|   |          |          |                |              |               |            | Cover over North span - 1.6m. |                 |                 |               |                       |       |  |
| Embankment                                    | 4.       |          |                |              | 7             | 7          | Cover o                       | ver Nort        | h span          | i - 1.6m.     |                       |       |  |
| Sideslope (_                                  |          | •        | 3.0            |              |               |            | _                             |                 |                 |               |                       |       |  |
| (Height of Co                                 |          | 3)       |                |              |               |            |                               |                 |                 |               |                       |       |  |
| Guardrail (Y/N                                | )        |          | No             |              |               |            |                               |                 |                 |               |                       |       |  |
| Approach Roa                                  | ad / Fml | pankmer  | it General Rat | tina         | 7             | 7          |                               |                 |                 |               |                       |       |  |
|   |          |          | Julian na      | 9            |               |            |                               |                 |                 |               |                       |       |  |
|   |          |          |                |              |               | Upstre     | am End                        |                 |                 |               |                       |       |  |
| Culvert Comp                                  | onent    |          |                |              | Last          | Now        | Explana                       | ation of        | Condi           | tion          |                       |       |  |
| (Pipe # : 1, Sp                               | an Typ   | e: Prima | ry Span)       |              |               |            |                               |                 |                 |               |                       |       |  |
| Direction                                     |          |          |                | ,            | W             |            | North pi                      | ipe             |                 |               |                       |       |  |
| End Treatment (Concrete, Steel, Others, None) |          |          |                |              |               |            |                               |                 |                 |               |                       |       |  |
| Headwall                                      |          |          |                |              | Х             | Х          |                               |                 |                 |               |                       |       |  |
| Collar  |          |          | Х              | Х            |               |            |                               |                 |                 |               |                       |       |  |

|  |                     |      | Upstre     | am End   |
|--|---------------------|------|------------|--|
| Culvert Component  |                     | Last | Now        | Explanation of Condition                                 |
| (Pipe #: 1, Span Type: Primary   | / Span)             |      |            |  |
| Wingwalls  |                     | Х    | Х          |  |
| (Shape: )  |                     |      |            |  |
| Cutoff Wall  |                     | Х    | X          |  |
| Bevel End  |                     | 7    | 7          |  |
| Heaving (mm)   | 100                 |      |            |  |
| Invert Above/Below Stream Bed  | ABOVE               |      |            |  |
| Above/Below (mm)   | 1000                |      |            |  |
| Scour Protection   |                     | 7    | 7          |  |
| (Type : RIP RAP)   |                     |      |            |  |
| (Avg. Rock Size(mm) : 300)   |                     |      |            |  |
| Scour/Erosion  |                     | 7    | 7          |  |
| Beavers (Y/N)  | No                  |      |            |  |
| Upstream End General Rating  |                     | 7    | 7          |  |
|  |                     | Det  | dero Cu    | heart Barral   |
| Culvert Component  |                     |      | T          | Explanation of Condition                                 |
| (Pipe # : 1, Primary Span, Loca  | tion Code: MAIN Sna |      |            | , Rise (mm): 2314, Type: SP)                             |
| Barrel Last Accessible Date  | 14-Dec-2012         |      | <i>)</i> - | North span - overflow pipe300mm ice/silt along floor.    |
| Barror Educ / tooocolbic Bato  | 11 800 2012         |      |            | Trotal spain evenion pipe. Geomini loo, olik along neer. |
| Special Features   |                     |      |            |  |
| Special Feature  |                     |      |            |  |
| (Type:)  |                     | 1    |            |  |
| Special Feature  |                     |      |            |  |
| (Type:)  |                     |      |            |  |
| Roof   |                     | 7    | 7          | est 4.5%   |
| Measured Rise (mm)   | 2400                |      |            |  |
| Measured At Ring No.   | 3                   |      |            |  |
| Sag (mm)   | 0                   |      |            |  |
| Percent Sag  | 0                   |      |            |  |
| Sidewall   |                     | 7    | 7          |  |
| Measured Span (mm)   | 2420                |      |            |  |
| Measured At Ring No.   | 4                   |      |            |  |
| Deflection (mm)  | 106                 |      |            |  |
| Percent Deflection   | 5                   |      |            |  |
| Percent Sag         0           Sidewall         Measured Span (mm)         2420           Measured At Ring No.         4           Deflection (mm)         106           Percent Deflection         5           Floor |                     | N    | N          |  |
| Bulge (mm)   | 0                   |      |            |  |
| Measured At Ring No.   |                     |      |            |  |
| Abrasion (Y/N)   | No                  |      |            |  |
| Circumferential Seams  |                     | 7    | 7          |  |
| Separation (mm)  | 0                   |      |            |  |
| Longitudinal Seams   |                     | 7    | 7          |  |
| Total No. of Cracked Rings   | 0                   |      |            |  |
| Total No. of Rings with Two Cracked Seams  | 0                   |      |            |  |
| Min. Remaining Steel<br>Between Cracks (mm)  |                     |      |            | 1N stagger   |
| Proper Lap (Y/N)   | No                  |      |            |  |
| Longitudinal Stagger (Y/N)   | Yes                 |      |            |  |

| Bridge Culvert Barrel                         |                      |          |        |                                    |  |  |  |  |
|---|----------------------|----------|--------|------------------------------------|--|--|--|--|
| Culvert Component                             |                      | Last Now |        | Explanation of Condition           |  |  |  |  |
| (Pipe #: 1, Primary Span, Locat               | tion Code: MAIN, Spa | n (mm    | ):     | , Rise (mm): 2314, Type: SP)       |  |  |  |  |
| Coating                                       |                      | N        | 4      | Minor pitting along the waterline. |  |  |  |  |
| Corrosion By Soil (Y/N)                       | No                   |          |        |                                    |  |  |  |  |
| Corrosion By Water (Y/N)                      | Yes                  |          |        |                                    |  |  |  |  |
| Camber POS/ZERO/NEG                           | ZERO                 |          |        |                                    |  |  |  |  |
| Ponding (Y/N)                                 | Yes                  |          |        |                                    |  |  |  |  |
| Fish Passage Adequacy                         |                      | 4        | 4      | Above S.B                          |  |  |  |  |
| Baffle  |                      | Х        | Х      |                                    |  |  |  |  |
| (Type:)                                       |                      |          |        |                                    |  |  |  |  |
| Waterway Adequacy                             |                      | 5        | 6      |                                    |  |  |  |  |
| Icing (Y/N)                                   | No                   |          |        |                                    |  |  |  |  |
| Silting (Y/N)                                 | No                   |          |        |                                    |  |  |  |  |
| Drift (Y/N)                                   | No                   |          |        |                                    |  |  |  |  |
| Barrel General Rating                         |                      | 7        | 7      |                                    |  |  |  |  |
|   |                      | D        | ownstr | eam End                            |  |  |  |  |
| Culvert Component                             |                      | Last     | Now    | Explanation of Condition           |  |  |  |  |
| (Pipe #: 1, Span Type: Primary                | / Span)              |          |        |                                    |  |  |  |  |
| Direction                                     |                      | E        |        | North span.                        |  |  |  |  |
| End Treatment (Concrete, Steel, Others, None) | STEEL                |          |        |                                    |  |  |  |  |
| Headwall                                      |                      | X        | X      |                                    |  |  |  |  |
| Collar  |                      | Х        | Х      |                                    |  |  |  |  |
| Wingwalls                                     |                      | Х        | Х      |                                    |  |  |  |  |
| (Shape: )                                     |                      |          |        |                                    |  |  |  |  |
| Cutoff Wall                                   |                      | Х        | Х      |                                    |  |  |  |  |
| Bevel End                                     |                      | 7        | 7      |                                    |  |  |  |  |
| Heaving (mm)                                  | 100                  |          |        |                                    |  |  |  |  |
| Invert Above/Below Stream Bed                 | ABOVE                |          |        |                                    |  |  |  |  |
| Above/Below (mm)                              | 1000                 |          |        |                                    |  |  |  |  |
| Scour Protection                              |                      | 7        | 7      |                                    |  |  |  |  |
| (Type : RIP RAP)                              |                      |          |        |                                    |  |  |  |  |
| (Avg. Rock Size(mm) : 200)                    |                      |          |        |                                    |  |  |  |  |
| Scour/Erosion                                 |                      | 7        | 7      |                                    |  |  |  |  |
| Beavers (Y/N)                                 | No                   |          | ı      |                                    |  |  |  |  |
| Downstream End General Ratin                  | ng                   | 7        | 7      |                                    |  |  |  |  |
|   |                      |          | Unstre | am End                             |  |  |  |  |
| Culvert Component                             |                      |          |        | Explanation of Condition           |  |  |  |  |
| (Pipe # : 2, Span Type: Second                | lary Span)           |          |        | ·                                  |  |  |  |  |
| Direction                                     | - '                  | W        |        | South span.                        |  |  |  |  |
| End Treatment (Concrete, Steel, Others, None) | NONE                 |          |        |                                    |  |  |  |  |
| Headwall                                      |                      | Х        | Х      |                                    |  |  |  |  |
| Collar  |                      | Х        | Х      |                                    |  |  |  |  |

|   |                      |      | Upstre | am End  |  |  |  |
|---|----------------------|------|--------|---|--|--|--|
| Culvert Component                         |                      | Last | Now    | Explanation of Condition  |  |  |  |
| (Pipe # : 2, Span Type: Second            | lary Span)           |      |        |   |  |  |  |
| Wingwalls                                 |                      | X    | X      |   |  |  |  |
| (Shape : )                                |                      |      |        |   |  |  |  |
| Cutoff Wall                               |                      | X    | X      |   |  |  |  |
| Bevel End                                 |                      | 6    | Х      |   |  |  |  |
| Heaving (mm)                              | 0                    |      |        |   |  |  |  |
| Invert Above/Below Stream Bed             | BELOW                |      |        |   |  |  |  |
| Above/Below (mm)                          | 700                  |      |        |   |  |  |  |
| Scour Protection                          |                      | 7    | 7      |   |  |  |  |
| (Type : <b>RIP RAP</b> )                  |                      |      |        |   |  |  |  |
| (Avg. Rock Size(mm): 300)                 |                      |      |        |   |  |  |  |
| Scour/Erosion                             |                      | 7    | 7      |   |  |  |  |
| Beavers (Y/N)                             | Yes                  |      |        | At inlet.   |  |  |  |
| Upstream End General Rating               |                      | 6    | 7      |   |  |  |  |
|   |                      | Brid | dae Cu | lvert Barrel  |  |  |  |
| Culvert Component                         |                      | 1    | Now    | Explanation of Condition  |  |  |  |
| (Pipe # : 2, Secondary Span, Lo           | cation Code: MAIN, S |      |        | , Rise (mm): 2019, Type: SP)  |  |  |  |
| Barrel Last Accessible Date               | 14-Dec-2012          |      |        | Ice 10 from crown.  |  |  |  |
| Special Features                          |                      |      |        |   |  |  |  |
| Special Feature                           |                      |      |        |   |  |  |  |
| (Type:)                                   |                      |      |        |   |  |  |  |
| Special Feature                           |                      |      |        |   |  |  |  |
| (Type:)                                   |                      |      |        |   |  |  |  |
| Roof                                      |                      | 6    | 6      | Some sag noted, estimated roof sag 5%.  |  |  |  |
| Measured Rise (mm)                        |                      |      |        |   |  |  |  |
| Measured At Ring No.                      |                      |      |        |   |  |  |  |
| Sag (mm)                                  |                      |      |        |   |  |  |  |
| Percent Sag                               |                      |      |        |   |  |  |  |
| Sidewall                                  |                      | 6    | 6      |   |  |  |  |
| Measured Span (mm)                        | 2119                 |      |        |   |  |  |  |
| Measured At Ring No.                      | 6                    |      |        |   |  |  |  |
| Deflection (mm)                           | 100                  |      |        |   |  |  |  |
| Percent Deflection                        | 5                    |      |        |   |  |  |  |
| Floor                                     |                      | N    | N      | Covered with 400mm of silt.   |  |  |  |
| Bulge (mm)                                | 0                    |      |        |   |  |  |  |
| Measured At Ring No.                      |                      |      |        |   |  |  |  |
| Abrasion (Y/N)                            | No                   |      |        |   |  |  |  |
| Circumferential Seams                     |                      | N    | 7      |   |  |  |  |
| Separation (mm)                           | 0                    |      |        |   |  |  |  |
| Longitudinal Seams                        |                      | N    | 7      |   |  |  |  |
| Total No. of Cracked Rings                | 0                    |      |        | Barrel 1/2 full of ice.   |  |  |  |
| Total No. of Rings with Two Cracked Seams |                      |      |        |   |  |  |  |
| Min. Remaining Steel Between Cracks (mm)  |                      |      |        | Staggered IN.   |  |  |  |
|   | NI                   |      |        | -   |  |  |  |
| Proper Lap (Y/N)                          | No                   |      |        | -   |  |  |  |
| Longitudinal Stagger (Y/N)                | Yes                  |      |        | A second |  |  |  |

| Bridge Culvert Barrel                         |                       |            |         |  |  |  |  |  |  |
|---|-----------------------|------------|---------|--|--|--|--|--|--|
| Culvert Component                             |                       |            | Now     | Explanation of Condition   |  |  |  |  |  |
| (Pipe # : 2, Secondary Span, Lo               | ocation Code: MAIN, S | Span (mm): |         | , Rise (mm): 2019, Type: SP)   |  |  |  |  |  |
| Coating                                       |                       | N          | 5       | Scaling at waterline.  |  |  |  |  |  |
| Corrosion By Soil (Y/N)                       | No                    |            |         |  |  |  |  |  |  |
| Corrosion By Water (Y/N)                      | Yes                   |            |         |  |  |  |  |  |  |
| Camber POS/ZERO/NEG                           | ZERO                  |            |         |  |  |  |  |  |  |
| Ponding (Y/N)                                 | No                    |            |         |  |  |  |  |  |  |
| Fish Passage Adequacy                         |                       | 5          | 5       |  |  |  |  |  |  |
| Baffle  |                       | N          | N       |  |  |  |  |  |  |
| (Type:)                                       |                       |            |         |  |  |  |  |  |  |
| Waterway Adequacy                             |                       | 5 5        |         | Abandoned beaver dam at inlet partially blocking entrance.   |  |  |  |  |  |
| Icing (Y/N)                                   | No                    |            |         | Abandoned beaver dam at inlet partially blocking entrance.  Debris from beavers @ U/S end of barrel. |  |  |  |  |  |
| Silting (Y/N)                                 | No                    |            |         |  |  |  |  |  |  |
| Drift (Y/N)                                   | Yes                   |            |         |  |  |  |  |  |  |
| Barrel General Rating                         |                       | 6          | 6       |  |  |  |  |  |  |
|   |                       | D          | ownstr  | ream End   |  |  |  |  |  |
| Culvert Component                             |                       | Last       | Now     | Explanation of Condition   |  |  |  |  |  |
| (Pipe # : 2, Span Type: Second                | lary Span)            |            |         |  |  |  |  |  |  |
| Direction                                     | ,                     | Е          |         | South span.  |  |  |  |  |  |
| End Treatment (Concrete, Steel, Others, None) | STEEL                 |            |         |  |  |  |  |  |  |
| Headwall                                      |                       | Х          | Х       |  |  |  |  |  |  |
| Collar  |                       | Х          | Х       |  |  |  |  |  |  |
| Wingwalls                                     |                       | Х          | Х       |  |  |  |  |  |  |
| (Shape: )                                     |                       | <u>'</u>   |         |  |  |  |  |  |  |
| Cutoff Wall                                   |                       | Х          | Х       |  |  |  |  |  |  |
| Bevel End                                     |                       | 6          | 6       |  |  |  |  |  |  |
| Heaving (mm)                                  | 0                     |            |         |  |  |  |  |  |  |
| Invert Above/Below Stream Bed                 | BELOW                 |            |         |  |  |  |  |  |  |
| Above/Below (mm)                              | 600                   |            |         |  |  |  |  |  |  |
| Scour Protection                              |                       | 6          | 6       |  |  |  |  |  |  |
| (Type : RIP RAP)                              |                       |            |         |  |  |  |  |  |  |
| (Avg. Rock Size(mm) : <b>200</b> )            |                       |            |         |  |  |  |  |  |  |
| Scour/Erosion                                 |                       | 7          | 6       |  |  |  |  |  |  |
| Beavers (Y/N)                                 | No                    |            |         |  |  |  |  |  |  |
| Downstream End General Ratio                  | ng                    | 6          | 6       |  |  |  |  |  |  |
|   |                       |            | Structu | re Usage   |  |  |  |  |  |
|   |                       |            | Now     | Explanation of Condition   |  |  |  |  |  |
| Channel (U/S and D/S)                         |                       |            |         |  |  |  |  |  |  |
| Alignment                                     |                       | 5          | 5       | Stream curves into the pipe and shortly after it exits.  |  |  |  |  |  |
| Bank Stability                                |                       | 6          | 6       |  |  |  |  |  |  |
| HWM (m below Top of Culvert)                  |                       |            |         | HWM not visible  |  |  |  |  |  |
| Drift (Y/N) Yes                               |                       |            |         |  |  |  |  |  |  |

|                                       | Structure Usage        |  |  |  |  |  |  |  |  |  |
|---------------------------------------|------------------------|--|--|--|--|--|--|--|--|--|
| Last Now Explanation of Condition     |                        |  |  |  |  |  |  |  |  |  |
| Channel Bottom<br>Degrading/Aggrading |                        |  |  |  |  |  |  |  |  |  |
| Beavers (Y/N) Yes                     |                        |  |  |  |  |  |  |  |  |  |
| (Fish Compensation Measure 1 :        | NONE)                  |  |  |  |  |  |  |  |  |  |
| (Fish Compensation Measure 2 :        | NONE)                  |  |  |  |  |  |  |  |  |  |
| Channel General Rating                | Channel General Rating |  |  |  |  |  |  |  |  |  |
|                                       |                        |  |  |  |  |  |  |  |  |  |

| SHOTCRETE REPAIRS PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy  Date  Estimated Total  Department Comments  Maintenance Reviewed By Proposed Long-Term Strategy  Date  Estimated Total  Previous Inspection  Previous Inspection Date  14-Mar-2016 Previous Inspection Date  14-Mar-2016 Previous Inspection Date  14-Mar-2016 Previous Inspection Date  15-Apr-2011 Previous Inspection Date  16-Apr-2011 Previous Inspection Date  17-Apr-2011 Previous Inspection Date  18-Apr-2011 Previous Inspection Date  1 |  |              | Maintenance                | Pacammand  | ations                 |               |          |                |           |       |
|--|--|--------------|----------------------------|------------|------------------------|---------------|----------|----------------|-----------|-------|
| SHOTCRETE REPAIRS PLACE ADDITIONAL RIP RAP REMOYE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL STRU | Inspector Pecommendations              | Vear         |                            |            | mente                  | Target Vear   | Est Cost | Cat #          |           |       |
| PLACE ADDITIONAL RIP RAP   |  | I Gai        | Inspector Comments         |            | Department Com         | ments         |          | Target Tear    | ESI. COSI | Cat # |
| REMOVE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL STRUTS INSTALL STRUTS INSTALL STRUTS INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION |  |              |                            |            |                        |               |          |                |           | +     |
| INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION Structural Condition Rating (Last/Now) (%) Special Comments for Next Inspection Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Next Inspection Date  14-Mar-2016 Previous Inspection Date  15-S.5/56.4  Est. Repl. Yr  2025  Maint. Reqd. (Y/N) No  Department Comments OTHER ACTION  OTHER ACTION  Department Comments OTHER ACTION  Department Comments OTHER ACTION  OTHER ACTION  OTHER ACTION  Department Comments OTHER ACTION  OTHER |  |              |                            |            |                        |               |          |                |           | +     |
| INSTALL STRUTS   |  |              |                            |            |                        |               |          |                |           | +     |
| NSTALL CONCRETE COLLAR/CUTOFF  |  |              |                            |            |                        |               |          |                |           | _     |
| REPAIR SEAMS   |  | OFF          |                            |            |                        |               |          |                |           | _     |
| OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection Next Inspection OTHER Structural Condition Rating (Last/Now) (%)  Maintenance Reviewed By Date Estimated Total O  Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Next Inspection Date 14-Mar-2016 Previous Inspection Date 15-Maintenance Reviewed By Date  Estimated Total O  Previous Assistant's Name Next Inspection Date 14-Mar-2016 Previous Inspection Date 28-Apr-2011  |  | 31.1         |                            |            |                        |               |          |                |           |       |
| OTHER ACTION       OTHER ACTION       Image: Control of the c   |  |              |                            |            |                        |               |          |                |           | _     |
| OTHER ACTION         OTHER ACTION         Image: Control of the properties of the properties of the proposed Long-Term Strategy         Image: Control of the properties of the proposed Action         Image: Control of the properties of the properties of the proposed Action         Image: Control of the properties of the  |  |              |                            |            |                        |               |          |                |           | _     |
| Structural Condition Rating (Last/Now) 66.7/66.7 Sufficiency Rating (Last/Now) 55.5/56.4 Est. Repl. Yr 2025 Maint. Reqd. (Y/N) No Special Comments for Next Inspection  Maintenance Reviewed By Date Estimated Total OProposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name Wade Nanninga Previous Assistant's Name  Next Inspection Date 14-Mar-2016 Previous Inspection Date 28-Apr-2011  Inspection Cycle (Default) (months) 39  |  |              |                            |            |                        |               |          |                |           | _     |
| Special Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name Wade Nanninga Previous Assistant's Name  Next Inspection Date 14-Mar-2016 Previous Inspection Date 28-Apr-2011  Inspection Cycle (Default) (months) 39  |  |              |                            |            |                        |               |          |                |           |       |
| Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Next Inspection Date 14-Mar-2016 Inspection Cycle (Default) (months)  Date  Estimated Total 0  Petwinus Inspection Date 28-Apr-2011  Previous Inspection Date 39   | Structural Condition Rating (Last/N(%) | ow) 66.7/66  | .7 Sufficiency Rating (Las | st/Now)    | 55.5/56.4              | Est. Repl. Yr | 2025     | Maint. Re      | qd. (Y/N) | No    |
| Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name  Next Inspection Date Inspection Cycle (Default) (months)  Proposed Long-Term Strategy  Previous Inspection Date  Previous Assistant's Name  Previous Inspection Date  28-Apr-2011  Previous Inspection Date  | Comments for                           |              |                            |            | Department<br>Comments |               |          |                |           |       |
| Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name  Next Inspection Date Inspection Cycle (Default) (months)  Proposed Long-Term Strategy  Previous Inspection Date  Previous Assistant's Name  Previous Inspection Date  28-Apr-2011  28-Apr-2011   | Maintenance Reviewed By                |              |                            |            | Date                   |               | li li    | Estimated Tota | I 0       |       |
| Proposed Action  Previous Inspector's Name  Wade Nanninga  Previous Assistant's Name  Next Inspection Date  14-Mar-2016  Inspection Cycle (Default) (months)  39   | -                                      |              |                            |            |                        |               |          |                |           |       |
| Previous Inspector's Name Wade Nanninga Previous Assistant's Name  Next Inspection Date 14-Mar-2016 Previous Inspection Date 28-Apr-2011  Inspection Cycle (Default) (months) 39   | On 3-Year Program (Y/N)                |              |                            |            |                        |               |          |                |           |       |
| Next Inspection Date     14-Mar-2016     Previous Inspection Date     28-Apr-2011       Inspection Cycle (Default) (months)     39   | Proposed Action                        |              |                            |            |                        |               |          |                |           |       |
| Inspection Cycle (Default) (months) 39   | Previous Inspector's Name              | Wade Nanning | a                          | Previous / | Assistant's Name       |               |          |                |           |       |
| Inspection Cycle (Default) (months) 39   | Next Inspection Date                   | 14-Mar-2016  |                            | Previous I | nspection Date         | 28-Apr-2011   |          |                |           |       |
|  |  | 39           |                            |            | •                      |               |          |                |           |       |
| Comment  |  |              |                            |            |                        |               |          |                |           |       |