

CK-2005

ANDERSON 2.7km

2019 Inspection

CBR iPad Offline Ver 0.31



## CBR Data

|                               |                  |
|-------------------------------|------------------|
| Latitude                      | Longitude        |
| 49°41'30.4"                   | -121°23'48.6"    |
| Crossing Name                 | Gilt Creek       |
| FSR #                         | 8074             |
| Branch #                      | 1                |
| Road Name                     | ANDERSON         |
| User km                       | 2.7              |
| Previous Load Rating (tonnes) | 64               |
| Structure Class               | Major Culvert    |
| Culvert Type                  | Round            |
| Culvert Material              | Corrugated Steel |
| Opening Height (mm)           | 2700             |
| Opening Width (mm)            | 2700             |
| Inlet Cover (mm)              | 5000             |
| Outlet Cover (mm)             | 5000             |
| Culvert Gradient %            |                  |
| Culvert Length (m)            | 24               |

## Updated Data

|                      |                |
|----------------------|----------------|
| Latitude             | Longitude      |
| 49°41'30.64"         | -121°23'47.88" |
| HD Diff. (m)         | 16.2           |
| Accuracy (m)         | 5              |
| BCL-625 or 64 tonnes |                |
| 5                    |                |

## Inspection

Date of Inspection 2019-08-28 1:46:55 PM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

P.Eng Comments

Brush approaches to improve vehicle sight lines. The current load rating of BCL-625 or 64 tonnes to continue.



P.Eng Seal

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## Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs

Missing

☐ 0☐ 1☐ 2

NA

Brushing Required

Y

Delineator Missing

Left

☐ 0☐ 1☐ 2

NA

Delineator Missing

Right

☐ 0☐ 1☐ 2

NA

Fender Condition

NA

Posted Load Rating

Not posted

Road Surface

Good

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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## Culvert

Baffles

Bolted Connections

Coating

Fair

Light corrosion on the floor

Coupled Connections

Fair

Timber shims, tight

Embedment Materials

Fill

Fair

Slight erosion at both inlet and outlet

Floor

Good

Very light corrosion

Footing

Head Walls

Inlet

Fair

Material aggrading into inlet and rock stacked steep

Outlet

Fair

Damage noted to over steepened fill but still functional

Overall

Fair

Rip Rap

Fair

Roof

Fair

Damage at outlet

Sidewalls

Good

Trash Rack

Weirs/Backwater  
Structures

Wing Walls

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## Hazards

|                                          |     |             |                          |        |                                     |
|------------------------------------------|-----|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m)  | 0.1 | High Water  | <input type="checkbox"/> | Debris | <input checked="" type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 2.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/>            |
| Estimated High Water Level Clearance (m) | 2.0 | Ice         | <input type="checkbox"/> |        |                                     |

Comments

## Repairs and Monitoring

Repair

| Item | Priority | Repair Description |
|------|----------|--------------------|
| 1    | Low      | Brush approaches   |
| 2    |          |                    |
| 3    |          |                    |

| Item | Monitor Description                          | Frequency          |
|------|----------------------------------------------|--------------------|
| 1    | Monitor erosion at both the inlet and outlet | Routine Inspection |
| 2    | Monitor the aggradation at the inlet         | Routine Inspection |
| 3    |                                              |                    |

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



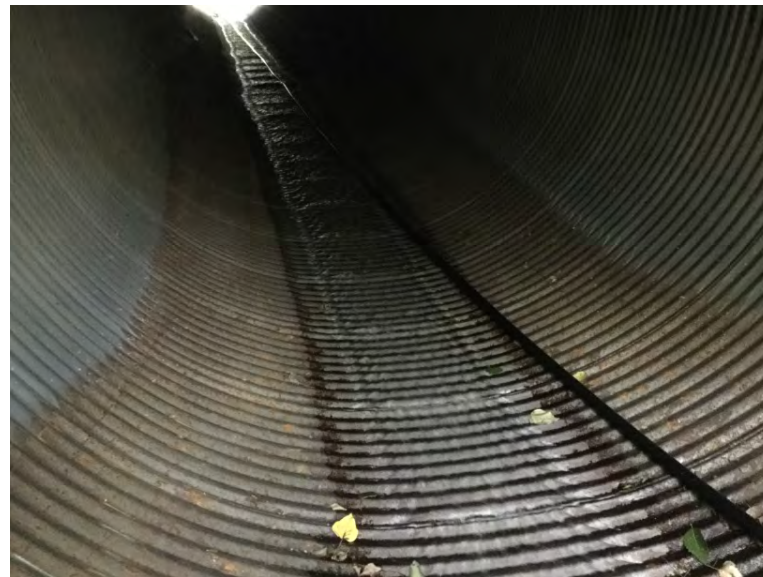
Downstream from Crossing



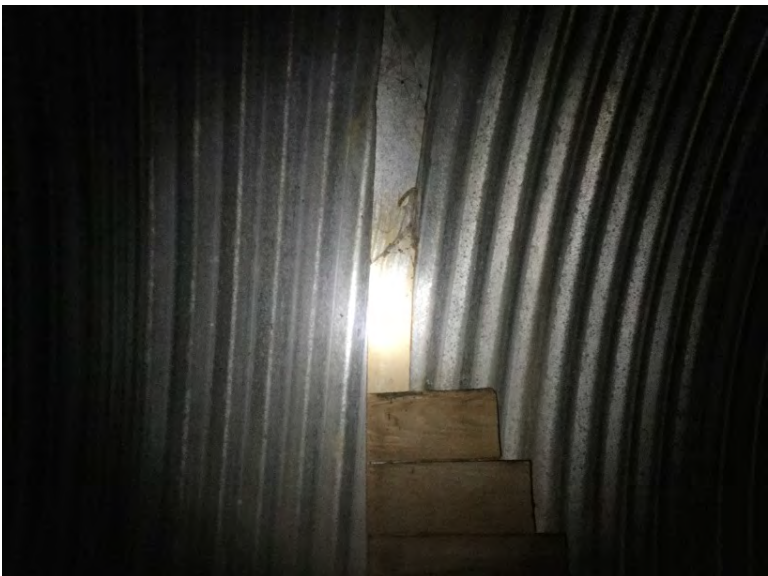
Approach from Left Bank when facing downstream



Inlet



Water line thru pipe



Coupler



Damage to outlet