

CK-2294

UZTLIUS CREEK 20.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

## CBR Data

|                              |                             |          |   |
|------------------------------|-----------------------------|----------|---|
| Latitude                     | Longitude                   |          |   |
| 49°48'52.3"                  | -121°19'47.8"               |          |   |
| Crossing Name                | Uztliaus Creek              |          |   |
| FSR #                        | 7972                        | Branch # | 1 |
| Road Name                    | UZTLIUS CREEK               |          |   |
| User km                      | 20.5                        |          |   |
| Current Load Rating (tonnes) | 68                          |          |   |
| Structure Class              | Permanent Bridge            |          |   |
| Portable                     | N                           |          |   |
| Superstructure               | Steel I-beam                |          |   |
| Deck Type                    | Timber - Untreated - Panels |          |   |
| Abutment Left                | Steel Pipe and Precast Pad  |          |   |
| Abutment Right               | Steel Pipe and Precast Pad  |          |   |
| Spans                        | 1                           |          |   |
| Total Length (m)             | 24.1                        |          |   |
| Deck Width (m)               | 4.8                         |          |   |

## Updated Data

|              |           |              |
|--------------|-----------|--------------|
| Latitude     | Longitude |              |
| °0'0"        | °0'0"     |              |
| HD Diff. (m) | 5545327.9 | Accuracy (m) |

## Inspection

Date of Inspection 2016-09-12 2:03:14 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.  
 Middle and outer running planks are rotting and should be replaced.  
 Present load rating of 175 or 68 tonnes can be maintained

P.Eng Comments

Replace the poor condition running planks as indicated within the inspection; place log fenders or concrete no post barriers at either approach; replace wrong handed delineators; and post bridge ahead signs.  
 Present load rating of 175 or 68 tonnes to continue.



01/03/2017

P.Eng Seal

CK-2294

UZTLIUS CREEK 20.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

## Approach

Alignment Fair S turn

 Bridge Ahead Signs Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

 Delineator Missing Left ☒ 0 ☐ 1 ☐ 2 Both left delineators are on the right end.

 Delineator Missing Right ☒ 0 ☐ 1 ☐ 2 Both right delineators are on the left end.

Fender Condition Poor No adequate fenders are in place.

Posted Load Rating 0 Not posted.

Road Surface Fair

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Fair Weathering, rusting.

Piles or Posts Fair Weathering.

Ballast Wall Good Concrete

Wing Wall N/A

Bracing Fair

Hardware Good New curbs since last inspection.

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection Fair

CK-2294

UZTLIUS CREEK 20.5km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT

**Deck**

|                        |      |                                                              |
|------------------------|------|--------------------------------------------------------------|
| Running Surface        | N/A  |                                                              |
| Running Planks         | Fair | 10 runs replaced but 7 runs on sides and middle are rotting. |
| Sub Deck               | Fair | Creosoted                                                    |
| Ties                   | Fair | Creosoted                                                    |
| Nails                  | Good |                                                              |
| Deck to Girder Bolts   | Good |                                                              |
| Concrete Deck          | N/A  |                                                              |
| Grout Pockets          | N/A  |                                                              |
| Deck Joints            | N/A  |                                                              |
| Steel Deck Plate       | N/A  |                                                              |
| Gravel Surface         | N/A  |                                                              |
| Curb Rail/Blocks/Posts | Good | Replaced since last inspection.                              |
| Hand Rails/Walkouts    | N/A  |                                                              |
| Hardware               | N/A  |                                                              |
| Overall Deck Condition | Fair | Due to rotten planks on sides and middle.                    |
| Gravel Depth (mm)      |      |                                                              |

CK-2294

UZTLIUS CREEK 20.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

**Steel/Concrete**

Serial/ID Plate No identity plate seen

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted  
shear connectors N/A**Log**

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer  
Number

Species

Peeled

Diameter  
(mm)Rot Depth  
(mm)

Condition

Comment

CK-2294

UZTLIUS CREEK 20.5km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



### Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.3 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 10  | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 3   | Ice         | <input type="checkbox"/> |        |                          |

Comments

### Repairs and Monitoring

Repair

| Item | Priority | Repair Description                                                  |
|------|----------|---------------------------------------------------------------------|
| 1    | Medium   | Replace middle and outer running planks. 30x 750mm x 7 runs x 24.1m |
| 2    | Medium   | Place log or concrete no post fenders.                              |
| 3    | Medium   | Instal 2 bridge signs and repair delineators.                       |

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
| 1    |                     |           |
| 2    |                     |           |
| 3    |                     |           |

Sketch  
(Select Signature)



Right approach facing structure



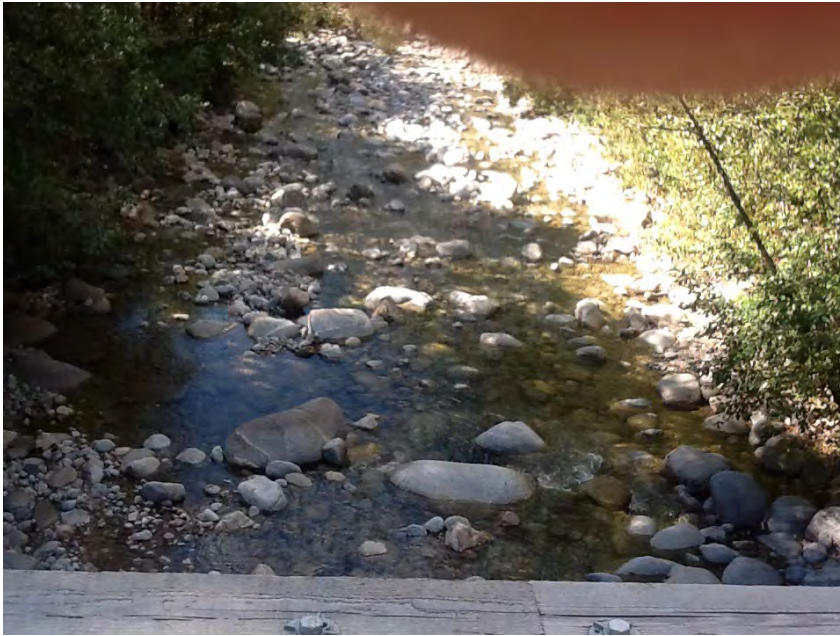
Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Downstream from Crossing



Underside of bridge



Upstream from Crossing



Left Bank Abutment when facing downstream



Upstream Profile



Downstream Profile



Right Bank Abutment when facing downstream