

CK-2306

UZTLIUS-E ANDERSON 27.2km

2018 Inspection



CBR iPad Offline Ver 0.26

## CBR Data

|                              |                               |
|------------------------------|-------------------------------|
| Latitude                     | Longitude                     |
| 49°43'28.7"                  | -121°16'56.1"                 |
| Crossing Name                | not known                     |
| FSR #                        | 7972      Branch # 2          |
| Road Name                    | UZTLIUS-E ANDERSON            |
| User km                      | 27.2                          |
| Current Load Rating (tonnes) | 10                            |
| Structure Class              | Temporary Bridge              |
| Portable                     | N                             |
| Superstructure               | Log Stringers                 |
| Deck Type                    | Gravel                        |
| Abutment Left                | Crib, Log or Untreated Timber |
| Abutment Right               | Crib, Log or Untreated Timber |
| Spans                        | 1                             |
| Total Length (m)             | 7.8                           |
| Deck Width (m)               | 5.1                           |

## Updated Data

|              |                           |
|--------------|---------------------------|
| Latitude     | Longitude                 |
| 49°43'27.81" | -121°16'57.16"            |
| HD Diff. (m) | 34.8      Accuracy (m) 10 |
| 27.3         |                           |
| 5 tonnes     |                           |
| 5.5          |                           |

## Inspection

Date of Inspection 2018-08-28 10:02:03 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

## Inspector Comments

5.7m span

Right bank sill 1m behind old log crib. Crib has been extensively scoured and is risk to rotating. When it does rotate the fill behind it will fail and so to will the existing bearing sill. Because of the issues with abutment the stringers were not assessed for rot as the replacement structure will need to be longer and the stringers unusable. That said the stringers do not appear to be very old with minor sap rot starting (all Fd stringers). The site has been recently surveyed.

## P.Eng Comments

5 tonnes load rating. Replace with industrial activity.



09/01/2019

P.Eng Seal

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## Approach

Alignment Fair

Slight VC both approaches

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating 5

Road Surface Fair

## Abutment

Log/Timber Cribs Poor Old, rotten and undermined - only supporting fill

Tie Backs Poor

Bin Wall

Concrete

Caps or Sills Fair

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Poor Failing under left crib

Riprap Poor None

Bearings Fair

Corrosion Protection

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## Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

|                |      |  |
|----------------|------|--|
| Gravel Surface | Fair |  |
|----------------|------|--|

|                        |      |         |
|------------------------|------|---------|
| Curb Rail/Blocks/Posts | Poor | Too low |
|------------------------|------|---------|

Hand Rails/Walkouts

|          |      |                                  |
|----------|------|----------------------------------|
| Hardware | Fair | Outside stringers lashed to sill |
|----------|------|----------------------------------|

|                        |      |             |
|------------------------|------|-------------|
| Overall Deck Condition | Poor | Due to rail |
|------------------------|------|-------------|

|                   |     |  |
|-------------------|-----|--|
| Gravel Depth (mm) | 500 |  |
|-------------------|-----|--|

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## Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.2 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 3.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 0.5 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

|   |      |                          |
|---|------|--------------------------|
| 1 | High | Replace entire structure |
|---|------|--------------------------|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

|   |  |  |
|---|--|--|
| 1 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

Sketch  
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Load Rating Sign



Downstream from Crossing



Recently surveyed



Deck



Approach from Right Bank when facing downstream



No bull rail downstream



Upstream Profile



Bearing sill at right bank 1m behind scoured crib



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Stringers