

CK-2363

SPUZZUM 25.2km

2019 Inspection

CBR iPad Offline Ver 0.28



## CBR Data

|                              |                            |
|------------------------------|----------------------------|
| Latitude                     | Longitude                  |
| 49°44'18.89"                 | -121°41'18.9"              |
| Crossing Name                | side creek                 |
| FSR #                        | 8128                       |
| Branch #                     | 1                          |
| Road Name                    | SPUZZUM                    |
| User km                      | 25.2                       |
| Current Load Rating (tonnes) | 68                         |
| Structure Class              | Permanent Bridge           |
| Portable                     | N                          |
| Superstructure               | Compo Girders              |
| Deck Type                    | Concrete                   |
| Abutment Left                | Steel Pipe and Precast Pad |
| Abutment Right               | Steel Pipe and Precast Pad |
| Spans                        | 1                          |
| Total Length (m)             | 9.7                        |
| Deck Width (m)               | 4.9                        |

## Updated Data

|                  |                |
|------------------|----------------|
| Latitude         | Longitude      |
| 49°44'18.74"     | -121°41'19.19" |
| HD Diff. (m)     | 7.6            |
| Accuracy (m)     | 4              |
| L75 or 68 tonnes |                |

## Inspection

Date of Inspection 2019-06-27 9:41:13 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks; brush approaches; post bridge ahead signs and realign the disconnected concrete bullnose. The current load rating of L75 or 68 tonnes to continue.



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## Approach

Alignment Good

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Fair

Bullnose downstream right bank not connected

Posted Load Rating

Not posted

Road Surface Good

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Cap/wall combo

Piles or Posts Good

Only a very small section visible but appear in good condition

Ballast Wall Good

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

Only a very small section visible

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**Deck**Running Surface      **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck      **Good**

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts      **Poor**      Rotten risers and blocks

Hand Rails/Walkouts

Hardware      **Fair**Overall Deck Condition      **Poor**      Due to rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good 2 inverted C channel

Diaphragms Good Monolithic end diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors Good Welded

**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

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## Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0.4 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 4.0 | 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           | Medium   | Replace guardrail, risers and blocks         |
| 2           | Medium   | Brush approaches and post bridge ahead signs |
| 3           | Low      | Reconnect bullnose                           |

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

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Downstream right bank bullnose not connected



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Superstructure

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Left Bank Abutment when facing downstream