

SQ-3024  
SQ-3024

## SWIFT CREEK 01 1km

2021 Inspection

CBR iPad Offline Ver 0.33



### CBR Data

|                               |                            |
|-------------------------------|----------------------------|
| Latitude                      | Longitude                  |
| 49°51'13.39"                  | -123°8'46.2"               |
| Crossing Name                 | Swift Creek                |
| FSR #                         | 8202                       |
| Branch #                      | 1                          |
| Road Name                     | SWIFT CREEK 01             |
| User km                       | 1                          |
| Previous Load Rating (tonnes) | 91                         |
| Structure Class               | Temporary Bridge           |
| Portable                      | N                          |
| Superstructure                | Timber - treated stringers |
| Deck Type                     | Timber - Untreated         |
| Abutment Left                 | Concrete Lock Blocks       |
| Abutment Right                | Concrete Lock Blocks       |
| Spans                         | 1                          |
| Total Length (m)              | 4.9                        |
| Deck Width (m)                | 4.2                        |

### Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°51'12.24" | -123°8'46.26" |
| HD Diff. (m) | 35.9          |
| Accuracy (m) | 5             |

### Inspection

Date of Inspection 2021-09-23 1:14:13 PM

Inspector Name Greg Dohm

Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

### P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021  
Load Rating: L100 or 91 tonnes  
Next Inspection: 2023  
Comments:



P.Eng Seal

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## Approach

Alignment Fair

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated None

Posted Load Rating 91

Road Surface Fair

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills Fair

Piles or Posts

Ballast Wall Fair

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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## Deck

Running Surface Fair

Running Planks Fair

Sub Deck

Ties Good

Nails Fair

Deck to Girder Bolts Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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## Steel/Concrete

Girders Fair

Timbers

Diaphragms

Bracing

Under Trussing

Hardware Fair

Welded/grouted  
shear connectors

## Log

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

| Stringer<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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### Hazards

|                                          |     |             |                          |        |                                     |
|------------------------------------------|-----|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m)  | 0.1 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/>            |
| Estimated Present Water Level Width (m)  | 1   | Aggradation | <input type="checkbox"/> | Scour  | <input checked="" type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 1.3 | Ice         | <input type="checkbox"/> |        |                                     |

Comments

### Repairs and Monitoring

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

1

2

3

4

5

6

7

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

1

2

3



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Upstream Profile



Deck



Left Bank Abutment when facing downstream



Outlet



Right Bank Abutment when facing downstream



Superstructure



Downstream Profile



Downstream Profile