

CK-2102

ROCKY POINT 0.2km

2016 Inspection

CBR iPad Offline Ver 0.23



## CBR Data

|                              |                            |          |   |
|------------------------------|----------------------------|----------|---|
| Latitude                     | Longitude                  |          |   |
| 49°18'42.09"                 | -122°19'21.1"              |          |   |
| Crossing Name                | Sayers Creek               |          |   |
| FSR #                        | 8648                       | Branch # | 2 |
| Road Name                    | ROCKY POINT                |          |   |
| User km                      | 0.2                        |          |   |
| Current Load Rating (tonnes) | 54                         |          |   |
| Structure Class              | Permanent Bridge           |          |   |
| Portable                     | N                          |          |   |
| Superstructure               | Compo Girders              |          |   |
| Deck Type                    | Concrete Composite         |          |   |
| Abutment Left                | Steel Pipe and Precast Pad |          |   |
| Abutment Right               | Steel Pipe and Precast Pad |          |   |
| Spans                        | 1                          |          |   |
| Total Length (m)             | 18.8                       |          |   |
| Deck Width (m)               | 6.1                        |          |   |

## Updated Data

|              |                |              |   |
|--------------|----------------|--------------|---|
| Latitude     | Longitude      |              |   |
| 49°18'42.04" | -122°19'21.06" |              |   |
| HD Diff. (m) | 2.1            | Accuracy (m) | 5 |

## Inspection

Date of Inspection 2016-08-11 9:10:57 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

## Inspector Comments

measurable section loss not anticipated based on limited extent of corrosion

## P.Eng Comments

Seal all grouted panel joints. Replace guardrail, risers and blocks. Realign the no post barriers and brush approaches. Post bridge ahead signs and replace missing delineator. Present load rating of L60 or 54 tonnes to continue.



27/02/2017

P.Eng Seal

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## Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Poor

no posts off road

Posted Load Rating

Road Surface Fair

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Poor loose rail bolts

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

|                        |      |                                                 |
|------------------------|------|-------------------------------------------------|
| Running Surface        | Fair |                                                 |
| Running Planks         | N/A  |                                                 |
| Sub Deck               | N/A  |                                                 |
| Ties                   | N/A  |                                                 |
| Nails                  | N/A  |                                                 |
| Deck to Girder Bolts   | N/A  |                                                 |
| Concrete Deck          | Fair |                                                 |
| Grout Pockets          | Fair |                                                 |
| Deck Joints            | Fair | water getting through some grouted panel joints |
| Steel Deck Plate       | N/A  |                                                 |
| Gravel Surface         | N/A  |                                                 |
| Curb Rail/Blocks/Posts | Poor | rot in risers and blocks                        |
| Hand Rails/Walkouts    | N/A  |                                                 |
| Hardware               | N/A  |                                                 |
| Overall Deck Condition | Poor | due to rail condition                           |
| Gravel Depth (mm)      |      |                                                 |

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**Steel/Concrete**

Serial/ID Plate

Girders Fair some sections of steel delaminating

Diaphragms Fair 1 at center span

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted  
shear connectors N/A**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)  | 0.3 | 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) | 3.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description                                      |
|-------------|----------|---------------------------------------------------------|
| 1           | Medium   | repair concrete no post alignment and brush approaches  |
| 2           | Medium   | replace guardrail system and replace missing delineator |
| 3           | Medium   | seal all grouted panel joints                           |

| Item | Monitor Description | Frequency          |
|------|---------------------|--------------------|
| 1    | steel delamination  | Routine Inspection |
| 2    |                     |                    |
| 3    |                     |                    |

Sketch  
(Select Signature)



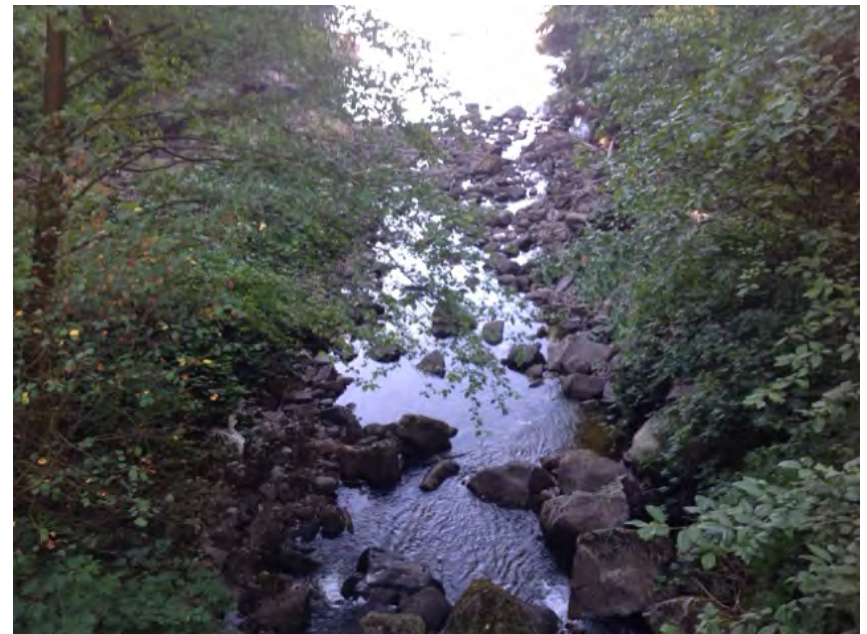
Approach from Left Bank when facing downstream



looking upstream from deck



Deck



looking downstream from deck



right bank upstream no post



Approach from Right Bank when facing downstream



right bank downstream no post



Downstream Profile



Left Bank Abutment when facing downstream



some delaminating of the top flange at deck joint



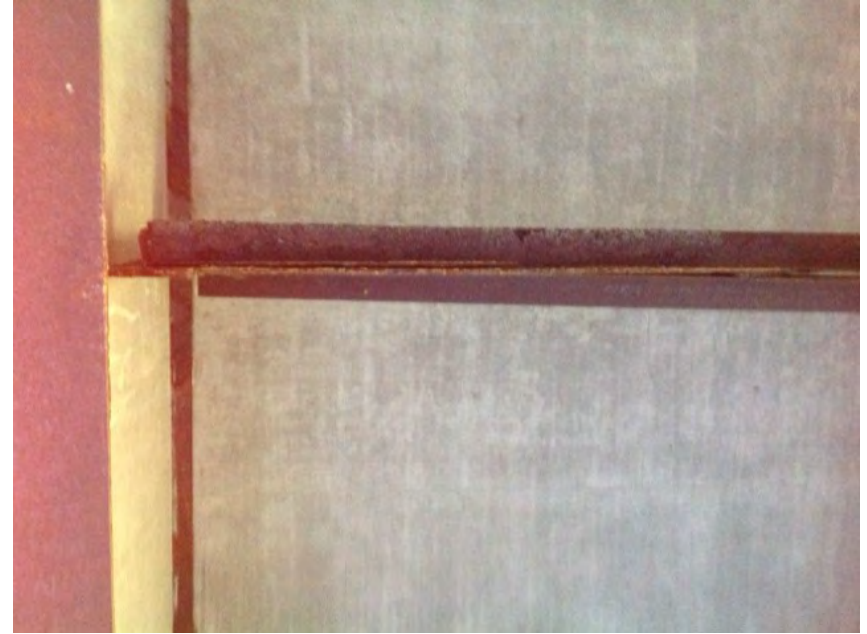
superstructure



water getting through at deck joint



delaminating on bottom flange



diaphragm delamination



more delaminating on bottom flange