

CK-2234

RUBY CREEK 17km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°25'19.99"	-121°39'35.1"
Crossing Name	West Fork Ruby Creek
FSR #	8125
Branch #	1
Road Name	RUBY CREEK
User km	17
Current Load Rating (tonnes)	54
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)	17.2
Deck Width (m)	8

Updated Data

Latitude	Longitude
49°25'20.1"	-121°39'35.31"
HD Diff. (m)	5.3
Accuracy (m)	5

Inspection

Date of Inspection 2015-10-23 12:51:59 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair damaged deck panels; replace guardrail, risers and blocks; brush approaches; replace delineators; and post bridge ahead signs all prior to industrial activity. Present load rating of L60 or 54 tonnes to continue.



05/01/2016

P.Eng Seal

CK-2234

RUBY CREEK 17km

2015 Inspection



CBR iPad Offline Ver 0.21

Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good steel plates and rubber pads

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

CK-2234

RUBY CREEK 17km

2015 Inspection

CBR iPad Offline Ver 0.21

**Deck**

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to rail
Gravel Depth (mm)		

CK-2234

RUBY CREEK 17km

2015 Inspection



CBR iPad Offline Ver 0.21

Steel/Concrete

Serial/ID Plate

Girders Good 3 composite girders

Diaphragms Good 1 bay - welded

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 Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

CK-2234

RUBY CREEK 17km

2015 Inspection

CBR iPad Offline Ver 0.21



Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	6.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

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

- | | | |
|---|--------|---|
| 1 | Medium | replace guardrail with activity |
| 2 | Medium | brush approaches with activity |
| 3 | Medium | replace delineators and post bridge ahead signs |
| 4 | Medium | repair damaged panels |

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

1

2

3

Sketch
(Select Signature)

CK-2234

RUBY CREEK 17km

2015 Inspection



Approach from Right Bank when facing downstream



Guard Rail



Approach from Right Bank when facing downstream



Deck

CK-2234

RUBY CREEK 17km

2015 Inspection



Approach from Left Bank when facing downstream



damage to deck panel at downstream left approach



Right Bank Abutment when facing downstream



damage to deck panel at downstream right approach

CK-2234

RUBY CREEK 17km

2015 Inspection



Left Bank Abutment when facing downstream



superstructure