

CK-2493

RUBY ELEVEN 0.15km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°22'21.5"	-121°39'42.9"
Crossing Name	Mahood Creek
FSR #	8125
Branch #	11
Road Name	RUBY ELEVEN
User km	0.15
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°22'21.42"	-121°39'43.17"
HD Diff. (m)	6.0
Accuracy (m)	5

Inspection

Date of Inspection 2017-06-14 12:12:20 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Post bridge ahead signs, replace missing delineator and brush approaches. Monitor deformation of the steel deck plate. Current load rating of L75 or 68 tonnes to continue.



05/02/2018

P.Eng Seal

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Approach

Alignment Fair

HC and VC both approaches

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

2x lock blocks RB, 1x LB

Caps or Sills Good

Treated timbers bolted together in 4 locations

Piles or Posts

Ballast Wall Good

Logs

Wing Wall Good

Only downstream RB

Bracing Good

Geogrid between rows of blocks

Hardware

Fill Good

Riprap Good

Rounded, but stable

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate Fair Slight deformation on wheel path and anti skid surface worn

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate L-75, WO 2607 West Bridge, TCH-0303

Girders Good

Diaphragms Unrated Inside box beams, no deformation apparent

Bracing Unrated Inside box beams, no deformation apparent

Under Trussing

Hardware

Welded/grouted
shear connectors**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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace missing delineator and post bridge ahead signs
2	Medium	Brush when active
3		

Item	Monitor Description	Frequency
1	Deformation of steel deck plate	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck

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Approach from Right Bank when facing downstream



Structure ID



Left Bank Abutment when facing downstream



Structure ID



Right Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream