

QC-7841

EY21 9999km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°34'30.5"	-132°6'39"
Crossing Name	Unknown
FSR #	10845
Branch #	253
Road Name	EY21
User km	9999
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	6.8
Deck Width (m)	4

Updated Data

Latitude	Longitude
53°34'30.8"	-132°6'38.96"
HD Diff. (m)	9.3
Accuracy (m)	5
1.4	

Inspection

Date of Inspection 2018-09-17 11:46:58 AM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate

Cw Log Bridge with cross puncheon is in fair condition. Some maintenance items to address prior to industrial activity.

All Cw stringers have 10mm of sap rot, as do the cross puncheon logs.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Brush approaches and install bridge ahead signs. Add fill to bring minimum depth of fill over entire structure to 300mm. Add downstream curb log prior to industrial activity. Post load rating sign



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Approach

Alignment **Good**Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2Brushing Required **Y**Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2Fender Condition **Poor**

No approach barriers

Posted Load Rating **0**

None 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**

Single Cw sills.

Piles or Posts **N/A**Ballast Wall **N/A**Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **N/A**Bearings **Good**Corrosion Protection **N/A**

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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	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Poor	Downstream fill retention log does not meet minimum height requirements.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)	000	200 to 300mm of shot rock fill.

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Poor**

Downstream fill retention log does not meet minimum height requirements.

Needle Beam **N/A**Needle Lashing/
Shimming **N/A**

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	680	10	Fair	
2	Cw	N	585	10	Fair	
3	Cw	N	595	10	Fair	
4	Cw	N	685	10	Fair	
5	Cw	N	690	10	Fair	
6	Cw	N	665	10	Fair	
7	Cw	N	585	10	Fair	
8	Cw	N	690	10	Fair	
9	Cw	N	640	10	Fair	

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	Debris
Estimated Present Water Level Width (m)	1.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.0	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush approaches and install bridge ahead signs
2	High	Add fill to bring minimum depth of fill over entire structure to 300mm (minimum requirement for cross puncheon).
3	High	Add downstream curb log prior to industrial activity.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)