

QC-7122

IAN 5670 4.2km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°51'15.9"	-132°24'12.4"
Crossing Name	Unknown
FSR #	10824
Branch #	37
Road Name	IAN 5670
User km	4.2
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel I-beam
Deck Type	Steel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	12.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
53°51'15.99"	-132°24'12.59"
HD Diff. (m)	4.6
Accuracy (m)	5

Inspection

Date of Inspection 2018-09-19 9:23:20 AM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

Inspector Comments Serial/ID Plate None

ASP bridge in poor condition. Guard rails have been heavily damaged as well as all the risers on the upstream side.
Sills not cut flat causing uneven bearing at centre line.
Deck is in fair condition due to weathering.
Road is deactivated 100m beyond structure.

Complete repairs prior to industrial activity

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 0 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Reinstall bridge and replace guard rails



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Approach

Alignment **Good**Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2Brushing Required **N**Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2Fender Condition **Poor** No approach barriersPosted Load Rating **0** Not postedRoad Surface **Fair**

Abutment

Log/Timber Cribs **N/A**Tie Backs **N/A**Bin Wall **N/A**Concrete **N/A**Caps or Sills **Poor** Sills not cut flat.Piles or Posts **N/A**Ballast Wall **Good**Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **N/A**Bearings **Poor** Sill logs not cut flat.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	Poor	Uneven at centre due to poor bearing at ends. Deck half's not aligned properly.
Steel Deck Plate	Fair	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Damaged W-beam rails and risers.
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Poor	Due to damaged rail and risers.
Gravel Depth (mm)	0	

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted shear connectors	N/A
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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)	0.3	High Water	Debris
Estimated Present Water Level Width (m)	1.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	2.0	Ice	

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

- | | | |
|---|--------|--|
| 1 | High | Repair damaged risers and W-beam guard rails. |
| 2 | High | Remove structure and cut sills to match bearing plates on structure. Reinstall and lag structure to sills. |
| 3 | Medium | Install bridge ahead signs and delineators on both approaches. |

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)