

CK-2254

SQUEAH 6km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°26'26"	-121°24'22.3"
Crossing Name	not known
FSR #	6092
Branch #	1
Road Name	SQUEAH
User km	6
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Removable
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	16.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°26'27.34"	-121°24'20.2"
HD Diff. (m)	59.2
Accuracy (m)	10
	6.5
	L75 or 68 tonnes

Inspection

Date of Inspection 2019-05-01 10:41:51 AM

Inspector Name Tyson Miller

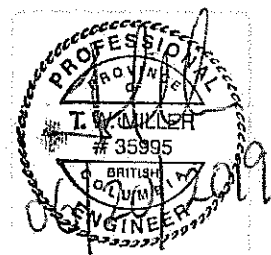
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Add surfacing to both approaches; replace the failed upstream left approach fender log; and brush approaches. The current load rating of L75 or 68 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Fair

Missing upstream left approach

Posted Load Rating 68040

Road Surface Poor

Large potholes both approaches

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Upstream bearing plates misaligned but appears it was installed that way

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts **Good**

Concrete Deck **Good**

Grout Pockets

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Recycled girders

Diaphragms Fair

4 welded bays

Bracing Fair

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)	7.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Add surfacing prior to industrial activity
2	Low	Brush approaches
3	Medium	Replace failed log fender at upstream left approach

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Missing upstream left bank fender, has rolled off road



Deck



Ballast wall at left bank is 30mm lower than deck panel



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Structure ID



Gap between deck panel and ballast wall on right bank filled with treated timber



Deck clips in place and functional



Left Bank Abutment when facing downstream



Superstructure



Minor damage noted to panel 3 at left bank



Bearing plates misaligned at upstream left bank



Minor steel delamination



Right Bank Abutment when facing downstream