

CK-2371

KAREN 2.26km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°27'34.09"	-121°15'5.2"
Crossing Name	Not Known
FSR #	8240 Branch # 1
Road Name	KAREN
User km	2.26
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°27'33.96"	-121°15'4.9"
HD Diff. (m)	7.4 Accuracy (m) 10
2.3	
L75 or 68 tonnes	

Inspection

Date of Inspection 2019-04-30 10:40:09 AM

Inspector Name Tyson Miller

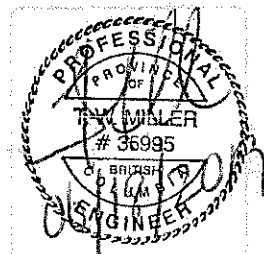
Inspector Comments Serial/ID Plate 12599

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

P.Eng Comments

Replace guardrail, risers and blocks. Clean sediment off deck and reset bridge approach barriers. Post bridge ahead signs. The current load rating of L75 or 68 tonnes to continue.



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 Very minor

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

Fender Condition Good

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Some surface damage noted to top of right bank wall

Wing Wall

Bracing Good Small damage to top chord at left bank

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Poor

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Unrated Buried in sediment

Grout Pockets Unrated Buried in sediment but no leakage noted underneath

Deck Joints Unrated Buried in sediment but no leakage noted underneath

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Rotten

Hand Rails/Walkouts

Hardware Poor Loose rail bolts

Overall Deck Condition Poor Due to rail condition and sediment on deck

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 4 bolted bays

Bracing Good

Under Trussing

Hardware Good

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	High	Replace guardrail, risers and posts
2	Medium	Reset failing BABs
3	High	Clean sediment from deck and post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Rail condition



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



BABs falling off-road



Right Bank Abutment when facing downstream



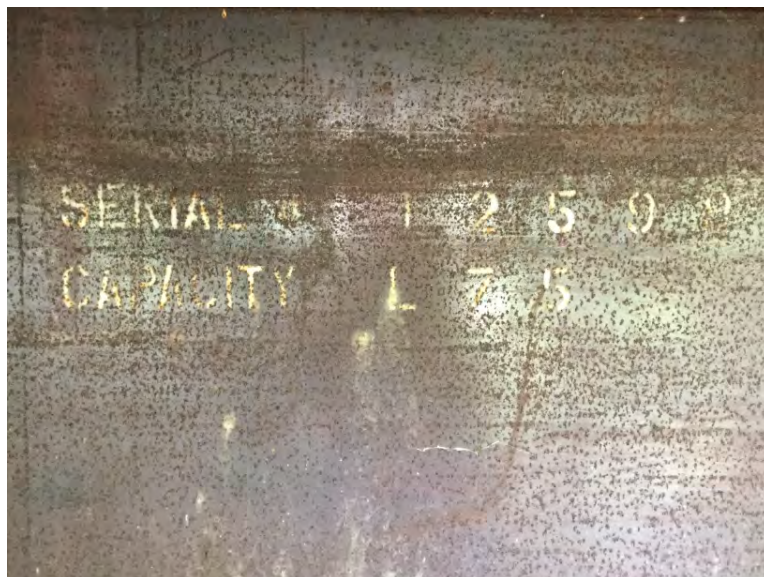
Superstructure



Left Bank Abutment when facing downstream



Damage to panel 1 right bank



Structure ID



Damage to panel 1 at right bank



Damage noted to top of right bank ballast wall