

CK-2370

KAREN CREEK 1.81km

2016 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°27'42.19"	-121°15'3.4"
Crossing Name	Karen Creek
FSR #	8240
Branch #	1
Road Name	KAREN CREEK
User km	1.81
Current 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)	21.6
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°27'41.54"	-121°15'3.36"
HD Diff. (m)	20.4
Accuracy (m)	10

Inspection

Date of Inspection 2016-04-13 11:49:35 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the guardrail, risers and blocks. Post bridge ahead signs and replace missing delineator. Clean sediment from deck. Monitor deck joints and buldging bearing pads. Present load rating of L75 or 68 tonnes to continue.



17/01/2017

P.Eng Seal

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Approach

Alignment Fair

VC and HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair steel plates and rubber pads

Piles or Posts Fair

Ballast Wall Good

Wing Wall N/A

Bracing Fair

Hardware Fair rail bolts loose

Fill Good

Riprap Good

Bearings Fair rubber pads slightly bulging

Corrosion Protection Fair

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Deck

Running Surface	Poor	lots of sediment on deck
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Unrated	too much sediment to view from the top - seems good from below
Grout Pockets	Unrated	too much sediment - appear good from below
Deck Joints	Fair	too much sediment - appear fair from below - 1 location has moisture underneath
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	blocks and risers have rot - time to replace
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to aging rail system
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good bolted

Bracing Good bolted

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**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)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace guardrail system
2	Medium	post bridge ahead signs and replace delineator
3	High	clean sediment from deck

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream



water getting through 1 deck joint