

CK-2368

KAREN CREEK 0.17km

2014 Inspection

CBR iPad Offline Ver 0.15

CBR Data

Latitude Longitude
49°28'28.99" -121°14'55.8"

Road Name KAREN CREEK
User km 0.17
Current Load Rating (tonnes) 68
Structure Class Permanent Bridge
Portable N

Superstructure Steel I-beam

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 24.4

Deck Width (m) 4.9

Updated Data

Latitude Longitude
49°28'29.81" -121°14'55.85"

HD Diff. (m) 25.0 Accuracy (m) 5

Karen Creek
0.2

Permanent Bridge
N

Steel I-beam

Concrete Composite

Other Steel pipe and CIP footing (buried)

Other Steel pipe and CIP footing

1

24.4

4.9

Inspection

Date of Inspection 2014-07-07 11:18:53 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Brush and post bridge ahead signs with activity. Present load rating of L75 or 68 tonnes to continue.

P.Eng Comments

Brush and post bridge ahead signs with industrial activity. Present load rating of L75 or 68 tonnes to continue.



T.W. Miller
July 23/2014

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Approach

Alignment Fair

horizontal curve both approaches, with vertical left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good steel plates and rubber pads

Piles or Posts Good CIP right bank, buried left bank

Ballast Wall Good

Wing WallBracing N/A

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Fair

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Deck

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good 8 panels, flared right approach

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Girders Good steel I beams

Diaphragms Good 6 - bolted

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Comment

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Hazards

Estimated Present Water Level Depth (m)	2.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comment debris accumulations noted upstream - lots of clearance to flush

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush approaches
2	Medium	post bridge ahead signs
3		

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream

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Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



right bank bearing



right upstream