

CK-2233

STEVE 0.7km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°41'11.9"	-122°42'56.6"
Crossing Name	Steve Creek
FSR #	8394
Branch #	4
Road Name	STEVE
User km	0.7
Previous Load Rating (tonnes)	109
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)	24.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°41'12.48"	-122°42'56.18"
HD Diff. (m)	19.7
Accuracy (m)	5
2.0	
L120 or 109 tonnes	

Inspection

Date of Inspection 2019-11-06 9:27:32 AM

Inspector Name Tyson Miller

Inspector Comments

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

P.Eng Comments

Brush approaches and post bridge ahead signs. The current load rating of L120 or 109 tonnes to continue.



2020-02-13

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
 ☐ 2
Delineator Missing
Right
☒ 0
 ☐ 1
 ☐ 2

Fender Condition Fair

Old logs

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Precast pads both abutments

Caps or Sills

Piles or Posts Good

Short column height all 4 corners

Ballast Wall Fair

Hairline crack with efflorescence down center of right abutment wall and minor damage noted on wheel path

Wing Wall

Bracing

No bracing due to short column height

Hardware

Fill Good

Riprap Good

BR

Bearings Fair

minor buldging

Corrosion Protection Fair

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Deck

Running Surface Good

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Track damage

Grout Pockets Good

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Fair 5 bolted bays with minor corrosion

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	10.0	Ice	☐		

Comments BR controlled stream

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Brush approaches
2	Medium	Post bridge ahead signs
3		

Item	Monitor Description	Frequency
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1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Downstream Left Bank Abutment when facing downstream



Structure ID



Left Bank Abutment when facing downstream



Downstream right bank abutment bearing