

CK-2511

BOULDER 3km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude 49°18'37.1" Longitude -122°0'13.7"

Crossing Name Boulder Creek

FSR # 8241 Branch # 17

Road Name BOULDER

User km 3

Current Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 18.3

Deck Width (m) 4.3

Updated Data

Latitude 49°18'37.1" Longitude -122°0'12.28"

HD Diff. (m) 28.7 Accuracy (m) 5

L100 or 91 tonnes

Concrete Composite

Steel Pipe and Precast Pad

Steel Pipe and Precast Pad

Inspection

Date of Inspection 2018-06-18 1:35:26 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Reset downstream right approach concrete no post barriers Present load rating of L100 or 91 tonnes to continue.



18/12/2018

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 91 See picture

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

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)

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

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)	0.8	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Reset downstream right approach barriers

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Load Rating Sign



Approach from Right Bank when facing downstream



Deck



Downstream right approach barrier



Downstream from Crossing



Upstream from Crossing



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Girders appear older than abutments and deck



Right Bank Abutment when facing downstream



Upstream Profile



Structure ID



Superstructure



Left Bank Abutment when facing downstream