

SC-8056

MCNAB/POTLATCH 0.48km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°35'13.49"	-123°23'44"
Crossing Name	Unknown
FSR #	10209
Branch #	4
Road Name	MCNAB/POTLATCH
User km	0.48
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Compo Girders
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5520008.8
Accuracy (m)	

Inspection

Date of Inspection 2020-10-21 8:06:09 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

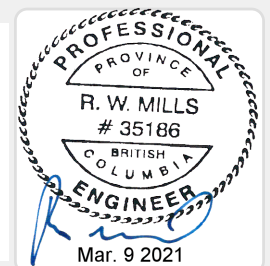
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Check footing type to see if cast in place footings on left side. Otherwise there is scour potential, may require riprap. Guardrail, fair, will require replacement in 3 years.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 26, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2023
Comments: Replace guardrails within 3 years. Add approach barriers.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Poor None

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap N/A No riprap left side. Check that footings are cast in place. Scoured.

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Unrated Unable to see

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Replace in 3 years

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing N/A

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)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	6	Ice	☐		

Comments Guaged stream

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Consider adding approach barriers.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream Profile



Deck



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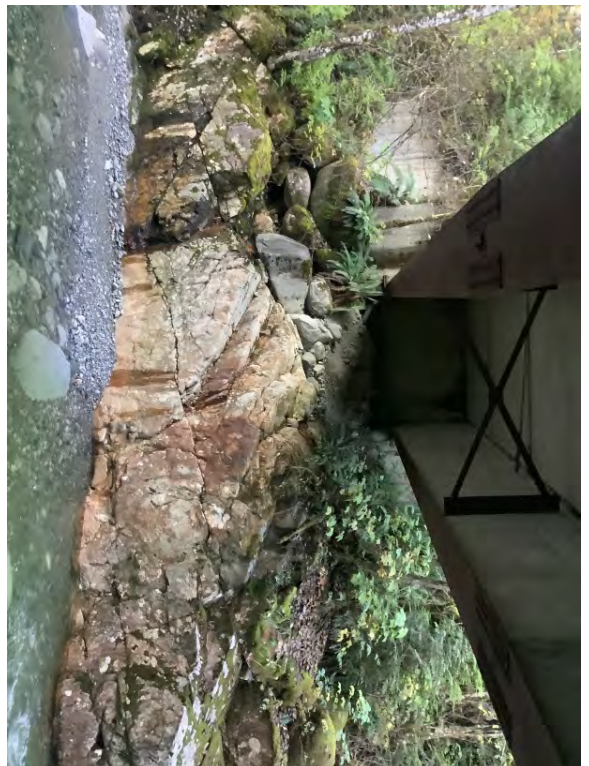
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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



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