

CK-2166

LOST CREEK 5km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°18'57.39"	-122°14'55.9"
Crossing Name	Weatherhead Creek
FSR #	8466 Branch # 1
Road Name	LOST CREEK
User km	5
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	16.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°18'57.4"	-122°14'56.22"
HD Diff. (m)	6.4 Accuracy (m) 10

L60 or 54 tonnes

Inspection

Date of Inspection 2019-04-26 10:39:08 AM

Recommended Next Inspection Year 2022

Inspector Name Tyson Miller

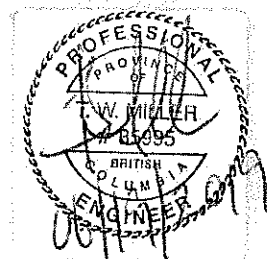
Inspection Company FLNRORD

Inspector Comments

If structure is considered for replacement try a 90 foot steel girder with composite deck, lift the town end deck elevation 1-2 and place bridge on a 3-4% grade to cut down on vertical curve at right approach

P.Eng Comments

Replace the log retaining fill at downstream left approach; replace all the delineators and remove the sediment from the deck. Monitor the asphalt overlay condition. The current load rating of L60 or 54 tonnes to continue.



P.Eng Seal

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Approach

Alignment Poor

Heavy VC right approach

Bridge Ahead Signs
Missing☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Minor

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

Fender Condition Good

Posted Load Rating 55000

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

CIP both abutments

Caps or Sills

Piles or Posts

Ballast Wall Good

Creosote timbers

Wing Wall Good

Concrete downstream right abutment

Bracing

Hardware

Fill Poor

Loosing fill downstream left approach, rotten log retaining fill

Riprap Fair

BR left bank is good, right bank has scoured

Bearings Good

Corrosion Protection

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**Deck**

Running Surface

Fair

Asphalt overlay is wearing extensively at right approach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Good

Hand Rails/Walkouts

Hardware

Good

Overall Deck Condition

Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good 4 concrete slabs

Diaphragms

Bracing

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)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Remove sediment from deck
2	Low	Replace all delineators
3	High	Replace log retaining fill at downstream left bank

Item	Monitor Description	Frequency
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1	Asphalt overlay condition	Routine Inspection
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2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Fill erosion noted downstream left approach



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Asphalt overlay is wearing at right approach



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Rotten log retaining fill downstream left bank