CK-2061	LITTLE TAMIHI WEST 4.2km	2016 Inspection

CBR iPad Offline Ver 0.23

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°4'16.7"	-121°55'11.9"

Crossing Name	Liumchen Creek
FSR #	5127
Branch #	4
Road Name	LITTLE TAMIHI WEST
User km	4.2
Current Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	26
Deck Width (m)	4.27

Updated Data

Latitude	Longitude
49°4'17.46"	-121°55'12.85"

HD Diff. (m)	30.4	Accuracy (m)	10
Superstructure	Compo Girders		
Deck Type	Concrete Composite		

Inspection

Date of Inspection	2016-11-08 1:04:26 PM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Grade and brush the approaches, post bridge ahead signs and update load rating sign prior to industrial activity. Present load rating of L60 o r54 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating		60 ton
Road Surface	Fair	only public access, no industry

Abutment

Log/Timber Cribs	N/A
Tie Backs	N/A
Bin Wall	N/A
Concrete	N/A
Caps or Sills	Good
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	N/A
Bracing	Good
Hardware	Good
Fill	Good
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good	only public access, no industry
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	
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	N/A	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

Bracing N/A

Under Trussing N/A

Hardware N/A

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

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	18.2	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	grade out potholes when active
2	Low	brush when active
3	Medium	update load rating sign and post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream

looking upstream

Deck

looking downstream

CK-2061 LITTLE TAMIHI WEST 4.2km 2016 Inspection

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Downstream Profile

composite superstructure

Right Bank Abutment when facing downstream