CK-2158	LORENZETTA HUNTER 4.9km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°19'42.7"	-121°32'39.5"

Road Name	LORENZETTA HUNTER
User km	4.9
Current Load Rating (tonnes)	5
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.2

Updated Data

Latitude	Longitude
49°19'42.34"	-121°32'39.65"

HD Diff. (m)	11.6	Accuracy (m)	5

Road Name	Lorenzetta Hunter
User km	4.7
Current Load Rating (tonnes)	L75 or 68 tonnes
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber – Treated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	21.4
Deck Width (m)	4.3

Inspection

Date of Inspection 2014-09-22 12:19:55 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Post bridge ahead signs and monitor deck. If any movement is noticed then recommend placing deck clips on remaining ties with risers attached to fasten deck. L75 or 68 tonnes load rating.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA T. W. MILLER P.Eng

Dec 19/2014

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	Fair	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Fair	lock blocks left bank, CIP right bank
Caps or Sills	Fair	
Piles or Posts	N/A	
Ballast Wall	Fair	treated timbers
Wing Wall	Fair	only on right bank - CIP
Bracing	N/A	
Hardware	Fair	
Fill	Fair	
Riprap	Fair	
Bearings	Fair	

Corrosion Protection	N/A	

Deck

Running Surface	N/A	
Running Planks	Good	
Sub Deck	Good	treated
Ties	Good	treated
Nails	Good	
Deck to Girder Bolts	Fair	about 30% missing as holes in girders don't align with ties - originally designed for a modular deck and permanent deck installed - watched 2 loaded trucks go over and absolutely no movement of deck
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	steel risers
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair
Diaphragms	Fair
Bracing	Fair
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)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	7.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	5.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	post bridge ahead signs
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1	deck for movement	Routine Inspection
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

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Approach from Right Bank when facing downstream

Approach from Right Bank when facing downstream

Deck

guardrail connection

guardrail connection 2

Approach from Left Bank when facing downstream

Approach from Left Bank when facing downstream

upstream left approach fender

Right Bank Abutment when facing downstream

left bank bearing

superstructure