CK-2474	NAHATLATCH 46km	2015 Inspection

CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°54'25.8"	-121°59'31.9"

Crossing Name	Unknown		
FSR #	6996	Branch #	1
Road Name	NAHATLATCH		
User km	46		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Removable		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	18		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude
°0'0"	-121°59'31.9"

HD Diff. (m)	5555640.4	Accuracy (m)	
User km	46.5		

Inspection

Date of Inspection	2015-06-17 11:46:43 AM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Replace guardrail, risers and blocks when active. Brush approaches. Repair damaged panel(s). Replace missing deck clip. Present load rating of L75 or 68 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	Fair	
Posted Load Rating	68040	
Road Surface	Poor	requires surfacing and grading prior to activity

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	plates and rubber pads
Piles or Posts	Good	
Ballast Wall	Good	
Wing Wall	N/A	
Bracing	Good	
Hardware	Poor	loose rail bolts
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Fair	

Deck

Running Surface	Good	requires surfacing and grading prior to activity
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	Fair	missing 1 clip
Concrete Deck	Good	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	rotting risers and blocks
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	due to rail
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate		
Girders	Good	
Diaphragms	Good	4 bays, welded
Bracing	Good	
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)	2.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	10.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments: beaver activity in area but very little risk to bridge

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream

left approach 1st panel damage

Approach from Left Bank when facing downstream

Deck

CK-2474 NAHATLATCH 46km 2015 Inspection

Approach from Right Bank when facing downstream

deck clips - 1 missing downstream

Left Bank Abutment when facing downstream

superstructure

beaver dam 15 m upstream

Right Bank Abutment when facing downstream