CK-2478	NAHATLATCH 42.6km	2015 Inspection

CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°55'35.79"	-121°57'25.6"

Crossing Name	Unknown
FSR #	6996
Branch #	1
Road Name	NAHATLATCH
User km	42.6
Current Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	10
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°55'35.7"	-121°57'25.6"

HD Diff. (m)	3.5	Accuracy (m)	5

Inspection

Date of Inspection 2015-07-22 12:16:37 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

July 23/2015

P.Eng Comments

Structure condemned, 0 tonnes load rating. Post load rating sign and block access or remove structure. Due to the ongoing fire fighting efforts in the area a temporary bypass road was constructed immediately upstream of the crossing for machine access (stream is dry). Recommend upgrading this bypass route so vehicles can access while the stream is dry. If the stream starts to flow recommend placing a temporary crossing (bridge) if access is required.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

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	5	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Poor	scoured right
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	N/A	
Wing Wall	N/A	
Bracing	Poor	loosely lashed
Hardware	Fair	
Fill	Fair	
Riprap	Poor	none
Bearings	Poor	scoured under right crib
Corrosion Protection	N/A	

Deck

Running Surface	N/A	
Running Planks	Fair	
Sub Deck	Poor	rotting
Ties	Poor	rotten
Nails	Poor	protruding
Deck to Girder Bolts	Poor	ties spiked to stringers but ties and stringers rotting
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	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	rotting
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/ Shimming

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Fd	Y	660	200	Poor	dry rot
2	Fd	Y	660	60	Poor	dry rot - conks
3	Fd	Y	690	300	Poor	rotten
4	Fd	Y	800	300	Poor	rotten
5	Fd	Y	780	300	Fair	rotten

Hazards

Estimated Present Water Level Depth (m)	0.0	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments: stringers are rotten

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 Right Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

load rating sign

CK-2478 NAHATLATCH 42.6km 2015 Inspection

Right Bank Abutment when facing downstream

Upstream Profile

Left Bank Abutment when facing downstream

machine bypass just upstream