CK2477	NAHATLATCH 39.8km	2016 Inspection

CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
49°56'8.99"	-121°56'.31"

Crossing Name	Nahatlatch Creek		
FSR #	6996	Branch #	1
Road Name	NAHATLATCH		
User km	39.8		
Current Load Rating (tonnes)	80		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Treated		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	47.5		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude
49°56'9.69"	-121°56'.52"

HD Diff. (m)	21.8	Accuracy (m)	10

Inspection

Date of Inspection	2016-08-01 2:29:27 PM		
Inspector Name	Jamie Rupar Gilliatt	Inspection Company	SNT Engineering

Inspector Comments

Bridge is in good condition. Bridge is currently load rated for 80 tonnes, but is incorrectly posted. Installation of correct load posting sign required.

P.Eng Comments

Monitor the bending and alignment of the ballast walls. Present load rating of L90 or 80 tonnes to continue. Update load rating sign.

P.Eng Seal

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Approach

Alignment	Good	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	Vegetation starting to obscure bridge.
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Good	
Posted Load Rating	68040	Incorrect based on load rating on file.
Road Surface	Good	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	Fair	Steel posts.
Ballast Wall	Fair	Pressure treated. Planks reinforced between girders at both abutments. Typically slightly misaligned, R/B D/S bending due to fill.
Wing Wall	N/A	
Bracing	Fair	
Hardware	Fair	Deck hardware: slightly loose.
Fill	Fair	
Riprap	Good	
Bearings	Good	Thin rubber pads on top of posts.
Corrosion Protection	Fair	Painted substructure.

Deck

Running Surface	Good	
Running Planks	Good	
Sub Deck	Good	Pressure treated.
Ties	Good	Pressure treated.
Nails	Good	
Deck to Girder Bolts	Unrated	No access.
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	Weathering and checking of guardrail, some sections slightly loose.
Hand Rails/Walkouts	N/A	
Hardware	Fair	Ballast wall bolts.
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate	No ID Tag.	
Girders	Good	Girders cantilever over steel posts.
Diaphragms	Good	
Bracing	Good	
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	N/A	

Log

Log Curbs	N/A
Needle Beam	N/A
Needle Lashing/ Shimming	N/A

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)	3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	33	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Install correct load posting sign.
2		
3		

Item	Monitor Description	Frequency
1	Monitor bending and alignment of abutment ballast walls.	Routine Inspection
2		
3		

Sketch
(Select Signature)

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Right Approach Facing Bridge

Deck

Right Approach Facing Away From Bridge

Guard Rail

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Looking Downstream

Left Approach Facing Away From Bridge

Looking Upstream

Left Approach Facing Bridge

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Downstream Elevation

Girders

Right Bank Abutment

Left Bank Abutment

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Bearing

Left Bank Abutment

Upstream Elevation

Right Bank Abutment

Right Bank Downstream Ballast Wall