CK-2537
CK-2537

NORRISH 17000 1.8km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°17'31.09"	-122°6'9.9"

Site Status	Active
Insp. Status	Inspect
Crossing Name	unknown
FSR #	10326
Branch #	2
Road Name	NORRISH 17000
User km	1.8
Previous Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	15.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°17'31.21"	-122°6'9.77"

HD Diff. (m)	4.3	Accuracy (m)	7

Inspection

Date of Inspection	2022-10-21 10:24:49 AM
Inspector Name	Cameron VandenBrink, EIT
Inspector Comments	Serial/ID Plate
Recommended Next Inspection	2024
Inspection Company	Chartwell Resource Group Ltd

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 91 Tonnes GVW, L-100
Next Inspection: September 1, 2025
Comments: Recommend brushing approaches and installing signage.

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	HC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 • 2	
Brushing Required	Y	Around structure and no posts
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	91	
Road Surface	Fair	Potholes each end of structure

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Good	
Piles or Posts	Good	
Ballast Wall		
Wing Wall		
Bracing	Good	
Hardware	Good	
Fill	Good	
Riprap	Fair	Appears some has shifted. Still appear stable
Bearings	Good	
Corrosion Protection	Good	

Deck

Running Surface		Potholes each end of structure
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	Fines accumulating
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Approx 2250mm c/c
Diaphragms	Fair	4 welded bay
Bracing	Fair	
Under Trussing		
Hardware		
Welded/grouted shear connectors		

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)	.15	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	1.5	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Bridge Ahead Signs. # of signs. Priority:Low	
2		
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Riprap		Routine Inspection
2			
3			

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Approach from Left Bank when facing downstream

Load Rating Sign

Downstream from Crossing

Upstream from Crossing

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Approach from bridge deck of Left bank approach when facing downstream

Approach from bridge deck of Right bank approach when facing downstream

Approach from Right Bank when facing downstream

Bearing

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Downstream Profile

Structure ID