CK-2126
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BEAR 7500 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°27'10.19"	-121°42'8.6"

Site Status	Barricaded/Closed
Insp. Status	Do Not Inspect
Crossing Name	Bear Creek
FSR #	5748
Branch #	7
Road Name	BEAR 7500
User km	0.1
Previous Load Rating (tonnes)	0
Structure Class	Temporary Bridge
Portable	N
Superstructure	Timber - untreated stringers
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.1
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°27'8.67"	-121°42'15.68"

HD Diff. (m)	149.9	Accuracy (m)	6

Superstructure	Steel Truss/Bailey/Acrow
Deck Type	Steel
Total Length (m)	23
Deck Width (m)	1.8

Inspection

Date of Inspection	2022-09-13 11:47:40 AM
Inspector Name	Cameron VandenBrink, EIT
Recommended Next Inspection	2024
Inspection Company	Chartwell Resource Group Ltd

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2023
Load rating: 0 tonnes
Comments: either deactivate structure, or install barriers to prevent ATV access, and install warning signs, pedestrian only, repair guard rails cables
Next inspection: 2024

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	HC and vc left approach
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Good	Small guide logs of sufficient length and size for atv use
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	Poor	Original cribs 4x. Second crib set back from original 2x with top log removed.
Tie Backs	Poor	4x rotting
Bin Wall		
Pier		
Concrete		
Caps or Sills	Poor	Structure sits on single sill set behind upper crib
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill	Fair	
Riprap	Fair	Appears newer install than rest of structure.
Bearings	Fair	Sufficient
Corrosion Protection		

Deck

Running Surface		
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Fair	Warping, left approach is bent up. Drops when you walk over it
Gravel Surface		
Curb Rail/Blocks/Posts		
Hand Rails/Walkouts	Poor	Uprights bent and cable no longer fit for guard rail/safety barrier
Hardware	Poor	Cable is loose
Overall Deck Condition	Poor	Due to safety cable
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Appears to be old tower with plate steel welded onto it and safety uprights and cables. One bolted splice, all webbing is cut at this location. Old Richie brothers sticker, likely bought as foot
Diaphragms	
Bracing	
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)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2	Ic	☐		

Comments Risk of falling off structure due to failed guard cable system

Repairs and Monitoring

	Repair Item	Repair Description
1	Miscellaneous. Deactivate Crossing. # of items. Priority:High	Install Road closure signs, guard wire should be tightened if structure remains accessible to public.
2		
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Crib logs for failure of fill retention.		Routine Inspection
2			
3			

BRITISH COLUMBIA

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Approach from Right Bank when facing downstream

Upstream from Crossing

Downstream from Crossing

Approach from bridge deck of Right bank approach when facing downstream

Approach from bridge deck of Left bank approach when facing downstream

Approach from Left Bank when facing downstream

Deck

Upstream Profile

Splice

Right Bank Abutment when facing downstream

Downstream Profile

Bearing

Left Bank Abutment when facing downstream