SQ-3063
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IN-SHUCK-CH FSR 34.6km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°3'3.54"	-122°31'50.7"

Crossing Name	Tenas Creek
FSR #	7343
Branch #	1
Road Name	IN-SHUCK-CH FSR
User km	34.6
Previous Load Rating (tonnes)	62
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)	18.3
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
50°3'.99"	-122°31'50.31"

HD Diff. (m)	79.4	Accuracy (m)	5
	33		

Inspection

Date of Inspection: 2020-09-10 11:05:45 AM

Recommended Next Inspection Year

Inspector Name: Greg Dohm

Inspection Company: FLNRORD

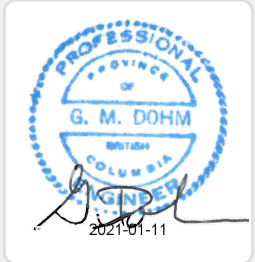
Inspector Comments

Serial/ID Plate

Old wbc in stran channel collapsing just downstream of crossing. Both townside and woodside abutments appears to be founded on bedrock so likely not an immediate concern although some downstream riprap on woodside may be affected. Monitor on routine inspection.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 6, 2021
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2023
Comments: WBC in channel collapsing just downstream of crossing. Both townside and woodside abutments appears to be founded on bedrock, however should be investigated with inspection and excavator at abutment to confirm bedrock.



P.Eng Seal

Approach

Alignment	Fair	On curve on woodside
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	62	
Road Surface	Fair	

Abutment

Log/Timber Cribs		Old wbc in stran channel collapsing just downstream of crossing. Both townside and woodside abutments appears to be founded on bedrock so likely not an immediate concern
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall	Fair	
Wing Wall		
Bracing	Fair	
Hardware	Fair	
Fill	Fair	
Riprap	Fair	
Bearings	Fair	
Corrosion Protection	Fair	

Deck

Running Surface	Fair
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	Fair
Grout Pockets	Fair
Deck Joints	Fair
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	
Hardware	Fair
Overall Deck Condition	Fair
Gravel Depth (mm)	
Pier Deck	

Steel/Concrete

Girders	Fair
Diaphragms	Fair
Bracing	Fair
Under Trussing	
Hardware	Fair
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)	.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	3	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Old wbc in stran channel collapsing just downstream of crossing. Both townside and woodside abutments appears to be founded on bedrock so likely not an immediate concern although some downstream riprap on woodside may be affected. Monitor on routine inspection.	Routine Inspection
2		
3		

Approach from Left Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Guard Rail

Deck

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Left Bank when facing downstream

Upstream Profile

Upstream Profile

Right Bank Abutment when facing downstream

Upstream from Crossing

Downstream from Crossing

Left Bank Abutment when facing downstream

Downstream Profile

Downstream Profile

Downstream Profile

Downstream from Crossing

Downstream from Crossing