CK-2555	GARNET 7600 km	2019 Inspection	BRITISH COLUMBIA

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°24'37.9"	-121°35'44.1"

Crossing Name	unknown
FSR #	7558 Branch # 3
Road Name	GARNET 7600
User km	
Previous Load Rating (tonnes)	91
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	12.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°24'34.91"	-121°35'36.36"

HD Diff. (m)	181.2	Accuracy (m)	5

0.4km

L100 or 91 tonnes

Inspection

Date of Inspection 2019-05-01 12:13:07 PM

Recommended Next Inspection Year 2022

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace missing hardware and tightening all other hardware. The current load rating of L100 or 91 tonnes to continue.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA T. W. MILLER # 35895

P.Eng Seal

Approach

Alignment	Fair	HC both approaches
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	
Posted Load Rating	90680	
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Good	
Piles or Posts	Unrated	Buried
Ballast Wall	Good	
Wing Wall		
Bracing	Unrated	Buried
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Unrated	Buried

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	1 riser bolt loose
Hand Rails/Walkouts		
Hardware	Good	1 riser bolt loose
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good	5 concrete slabs
Diaphragms		
Bracing		
Under Trussing		
Hardware		
Welded/grouted shear connectors	Good	Welded

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)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Tighten loose rail bolts and replace the missing one
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Left Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Right Bank when facing downstream

Loose riser bolts

Upstream Profile

Structure ID

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Downstream Profile