QC-7119	IAN 5600 3.9km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°51'2.49"	-132°26'17.3"

Crossing Name	Unknown
FSR #	10824
Branch #	12
Road Name	IAN 5600
User km	3.9
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel I-beam
Deck Type	Steel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
53°51'2.61"	-132°26'17.02"

HD Diff. (m)	6.2	Accuracy (m)	5

Inspection

Date of Inspection: 2018-09-19 12:31:42 PM

Recommended Next Inspection Year: 2020

Inspector Name: Robert Kemmler

Inspection Company: Onsite Engineering

Serial/ID Plate: None

Inspector Comments

Abutments consist of large Cw sills on mud sills with fill retaining logs between the mud sills.
Left side of structure does not bear at the ends of structure half's, but seem to be functioning satisfactorily.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Install bridge ahead signs and delineators on both approaches. Repair both W-beam guard rails and any damaged risers.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

February 6 2019

P.Eng Seal

Approach

Alignment	Fair	
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	0	Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Fair	
Piles or Posts	N/A	
Ballast Wall	N/A	
Wing Wall	Good	
Bracing	N/A	
Hardware	N/A	
Fill	Good	
Riprap	Fair	
Bearings	Fair	Structure not bearing on end at the Left abutment. Structure bears onto girders approximately 1m ahead of diaphragm.
Corrosion Protection	N/A	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	Good	
Steel Deck Plate	Fair	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Both W-beam rails damaged along with some steel risers.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	0	

Steel/Concrete

Girders	Good	
Diaphragms	Good	
Bracing	Fair	Right side upstream bracing is damaged.
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	N/A	

Log

Log Curbs	
Needle Beam	
Needle Lashing/ Shimming	

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	Debris
Estimated Present Water Level Width (m)	10.0	Aggradation	Scour
Estimated High Water Level Clearance (m)	3.0	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Install bridge ahead signs and delineators on both approaches.
2	High	Repair both W-beam guard rails and any damaged risers.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)