QC-7501	BONANZA/BILL BROWN 16.9km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°25'45"	-132°34'39.9"

Crossing Name	Bill Brown Creek?
FSR #	8229
Branch #	01
Road Name	BONANZA/BILL BROWN
User km	16.9
Current Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	27.1
Deck Width (m)	4.2

Updated Data

Latitude	Longitude
53°25'46.05"	-132°34'41.04"

HD Diff. (m)	38.7	Accuracy (m)	5

Inspection

Date of Inspection	2018-09-15 2:18:49 PM	Recommended Next Inspection Year	2020
Inspector Name	Robert Kemmler	Inspection Company	Onsite Engineering

Inspector Comments — Serial/ID Plate: MOF L-60, WO-274, 26.6m, May, 92. (26.11m)

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 5 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Replace all wooden deck components

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

February 6 2019

P.Eng Seal

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Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 • 2	
Brushing Required	Y	Road quad access only for 120m.
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Poor	None
Posted Load Rating	0	Not posted
Road Surface	Poor	Grown in

Abutment

Log/Timber Cribs	Fair	3cm sap rot on crib logs.
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	Creosote timbers
Piles or Posts	N/A	
Ballast Wall	Good	Creosote timbers
Wing Wall	N/A	
Bracing	N/A	
Hardware	Fair	
Fill	Good	
Riprap	N/A	
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	Poor	Grown in
Running Planks	Poor	Rotten
Sub Deck	Poor	Rotten
Ties	Poor	Rotten
Nails	Fair	
Deck to Girder Bolts	Fair	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Poor	Deck should be replaced prior to industrial activity.
Gravel Depth (mm)	0	

Steel/Concrete

Girders	Good
Diaphragms	Good
Bracing	Good
Under Trussing	N/A
Hardware	Good
Welded/grouted shear connectors	N/A

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)	0.5	High Water	Debris
Estimated Present Water Level Width (m)	5.0	Aggradation	Scour
Estimated High Water Level Clearance (m)	6	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace cross ties, sub-deck, running planks, riders, blocks and guard rails prior to industrial activity.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)