QC-7503	BONANZA/BILL BROWN 8.43km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°24'7.27"	-132°30'56"

Crossing Name	Unknown
FSR #	8229
Branch #	01
Road Name	BONANZA/BILL BROWN
User km	8.43
Current Load Rating (tonnes)	150
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	11
Deck Width (m)	5.63

Updated Data

Latitude	Longitude
53°24'7"	-132°30'57.18"

HD Diff. (m)	23.4	Accuracy (m)	5

4.88

Inspection

Date of Inspection: 2018-09-16 10:12:42 AM

Recommended Next Inspection Year: 2021

Inspector Name: Robert Kemmler

Inspection Company: Onsite Engineering

Inspector Comments: Serial/ID Plate BCTS, CHE-0015B, L-165, 11-12-080, March 2012, 11 Meters.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2021
Comments:

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

February 6 2019

P.Eng Seal

Approach

Alignment	Good	
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	0	No load limit posted
Road Surface	Fair	Potholes on both approaches exposing the ends of the girders

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	Integrated cap and ballast wall.
Caps or Sills	Good	Concrete
Piles or Posts	N/A	
Ballast Wall	Good	Concrete
Wing Wall	N/A	
Bracing	N/A	
Hardware	N/A	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	Good	Potholes on both approaches exposing the ends of the girders
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Good	Based on the age of structure. Unable to fully assess due to gravel/mud on deck.
Grout Pockets	Unrated	Unable to assess due to gravel/mud on deck.
Deck Joints	Unrated	Unable to assess due to gravel/mud on deck.
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Good	
Gravel Depth (mm)	0	

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

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

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Grade In potholes on approaches to prevent damage to the ends of girders.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)