

QC-7112

BONANZA 20.7km

2018 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°29'4.36"	-132°30'15.1"
Crossing Name	Not known
FSR #	8229 Branch # 07
Road Name	BONANZA
User km	20.7
Current Load Rating (tonnes)	54
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2300
Opening Width (mm)	2300
Inlet Cover (mm)	2000
Outlet Cover (mm)	2500
Culvert Gradient %	7
Culvert Length (m)	23.5

Updated Data

Latitude	Longitude
53°29'3.76"	-132°30'15.12"
HD Diff. (m)	18.7 Accuracy (m) 5
2500	
3500	

Inspection

Date of Inspection 2018-09-15 3:36:26 PM

Inspector Name Robert Kemmler

Recommended Next Inspection Year 2021

Inspection Company Onsite Engineering

Inspector Comments

Due to +3m fill on downstream side, consider adding curb logs and delineators.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 54 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



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Approach

Alignment **Good**Bridge Ahead Signs
Missing • 0 1 2Brushing Required **N**Delineator Missing
Left • 0 1 2Delineator Missing
Right • 0 1 2Fender Condition **Unrated** **None**Posted Load Rating **0**Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall **N/A**

Bracing

Hardware

Fill **Good** +2m at inlet, +3m at outletRiprap **Good**

Bearings

Corrosion Protection

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Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	Some rust on Culvert floor
Coupled Connections	Good	
Embedment Materials	N/A	
Fill	Good	+2m at inlet, +3m at outlet
Floor	Fair	Some rust on Culvert floor
Footing	Good	Inlet bedrock controlled
Head Walls	N/A	
Inlet	Good	Textile has created a small bedload Deposit.
Outlet	Good	Perched
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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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
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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	Debris
Estimated Present Water Level Width (m)	0.4	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.5	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)