

QC-7112

BONANZA 20.7km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude	
53°29'3.8"	-132°30'14.9"	
Crossing Name	Not known	
FSR #	8229	Branch # 7
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)	2000	
Culvert Gradient %	7	
Culvert Length (m)	23.5	

Updated Data

Latitude	Longitude	
53°29'4.37"	-132°30'15.15"	
HD Diff. (m)	18.3	Accuracy (m) 5
2500		

Inspection

Date of Inspection 2015-10-03 11:25:55 AM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Consider installing guard logs on downstream side.

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L60 or 54 tonnes

Next Inspection: Sept 1, 2018

Comments: Install fender logs.

P.Eng Seal

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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 **No guide logs**

Posted Load Rating **None posted**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings

Corrosion Protection

Culvert

Baffles

Bolted Connections

Coating	Good	Some rust on floor
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Coupled Connections	Good	
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Embedment Materials

Fill	Good	
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Floor	Good	
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Footing

Head Walls

Inlet	Good	
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Outlet	Good	
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Overall	Good	
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Rip Rap	Good	
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Roof	Good	
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Sidewalls	Good	
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Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

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

Estimated Present Water Level Depth (m)	0.1	High Water	<input type="checkbox"/>	Debris	<input type="checkbox"/>
Estimated Present Water Level Width (m)	0.5	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	1.5	Ice	<input type="checkbox"/>		

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)

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Approach from Left Bank when facing downstream



Downstream Profile



Upstream Profile