

QC-7309

2017 Inspection



CBR iPad Offline Ver

CBR Data

Latitude	Longitude
°0'0"	°0'0"
Crossing Name	
FSR #	Branch #
Road Name	
User km	
Current Load Rating (tonnes)	None
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	800
Opening Width (mm)	800
Inlet Cover (mm)	5000
Outlet Cover (mm)	7000
Culvert Gradient %	5
Culvert Length (m)	20

Updated Data

Latitude	Longitude
53°16'23.24"	-132°7'20.71"
HD Diff. (m)	10015286.0
Accuracy (m)	5

2.4

Inspection

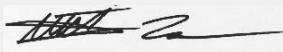
Date of Inspection 2017-09-14 12:06:08 PM

Recommended Next Inspection Year 2018

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments



Replace crossing with one large culvert. Headwall on downstream side is likely needed. Survey required. 1000mm culvert on top of 800mm culvert. Both have beveled inlets.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



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 Poor Steep drop at outlet. Recommend adding curb logs to the outside edge.

Posted Load Rating N/A inactive road.

Road Surface Poor Road on downstream side has failed. Likely due to oversaturated fill.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Poor Fill on downstream edge appears to be oversteepened and has failed.

Riprap Fair

Bearings

Corrosion Protection

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Poor	Bottom culvert is corroding.
Coupled Connections	Unrated	Unable to access
Embedment Materials	N/A	
Fill	Poor	Fill on downstream edge appears to be oversteepened and has failed.
Floor	Fair	
Footing	Unrated	N/A
Head Walls	N/A	
Inlet	Poor	Inlet of bottom culvert is crushed.
Outlet	Fair	
Overall	Poor	Bottom Culvert crushed at inlet.
Rip Rap	Fair	
Roof	Poor	Bottom culvert crushed
Sidewalls	Fair	
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

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	<input checked="" type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	3	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0	Ice	<input type="checkbox"/>		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Recommend replacing this crossing with one large culvert. Survey required.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)