

QC-7006

HONNA-STANLEY FSR 7.4km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
53°17'7.69"	-132°10'17.7"
Crossing Name	Not Known
FSR #	8468
Branch #	01
Road Name	HONNA-STANLEY FSR
User km	7.4
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	1400
Opening Width (mm)	1400
Inlet Cover (mm)	800
Outlet Cover (mm)	1000
Culvert Gradient %	2
Culvert Length (m)	12.1

Updated Data

Latitude	Longitude
53°17'8.09"	-132°10'18.17"
HD Diff. (m)	14.9
Accuracy (m)	5
1	
1.2	
13	

Inspection

Date of Inspection 2019-09-10 7:15:43 AM

Inspector Name Lindsey McGill

Recommended Next Inspection Year 2024

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Culvert is perched at outlet but everything stable.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2022

Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Needs brushing for industrial access - 2 more years of pickup access before brushing required.

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Unrated

Road requires grading

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Good

Riprap Good

Bearings

Corrosion Protection

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Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	Galvanized, bottom is rusting.
Coupled Connections	Good	No issues observed.
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	Rust evident but no holes in bottom of pipe.
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	Perched at outlet above large stacked rock fill, approx 4m high. No scour observed.
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 N/A None present, should have some on downstream side of road, due to steep fillslope

Needle Beam N/A

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)	.05	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1	Medium	Add guidelogs on sides of road, specifically downstream side of road.
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2	Low	Brush road in next two years
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3		
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Item

Monitor Description

Frequency

1		
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2		
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3		
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Sketch
(Select Signature)

Inlet



Approach from Left Bank when facing downstream



Upstream from Crossing



Approach from Right Bank when facing downstream



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Outlet



Towards outlet



Downstream from Crossing

