

SC-8208

THEODOSIA 3.3km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°58'33.89"	-124°38'58.1"
Crossing Name	Not Known
FSR #	6423
Branch #	7
Road Name	THEODOSIA
User km	3.3
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	1500
Outlet Cover (mm)	3000
Culvert Gradient %	20
Culvert Length (m)	21

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5563312.1
Accuracy (m)	

Inspection

Date of Inspection 2019-10-07 1:03:26 PM

Inspector Name Richard Mills

Recommended Next Inspection Year

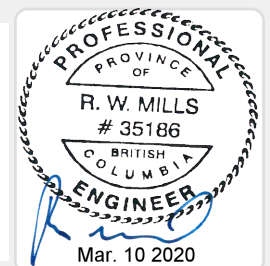
Inspection Company FLNRORD

Inspector Comments

Log grizzly is rotten. Appears to be unnecessary

P.Eng Comments

Load Rated by: Forrest Simpson, EIT, Mar 3, 2020
Load Rating: L165 or 150 tonnes
Next Inspection: 2022
Comments: Clear inlet of debris and remove log grizzly if possible.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Fender Condition Unrated N/a

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 Worn on bottom

Coupled Connections Good

Embedment Materials N/A

Fill Good

Floor Fair

Footing Good

Head Walls N/A

Inlet Fair Some woody debris.

Outlet Good

Overall Fair

Rip Rap Good

Roof Good

Sidewalls Good

Trash Rack Poor Rotten log grizzley

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)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.8	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)



Inlet



Approach from Right Bank when facing downstream



Inlet



Inlet log grizzly

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Outlet



Outlet

