

CK-2523

SQUEAH 0.4 km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°23'58.09"	-121°24'50.7"
Crossing Name	Side Creek
FSR #	6092
Branch #	1
Road Name	SQUEAH
User km	0.4
Previous Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	300
Outlet Cover (mm)	1000
Culvert Gradient %	
Culvert Length (m)	14

Updated Data

Latitude	Longitude
49°23'57.39"	-121°24'50.69"
HD Diff. (m)	21.8
Accuracy (m)	10
0.4	
BCL-625 or 63 tonnes	
400	
1400	
10	
15	

Inspection

Date of Inspection 2019-05-01 9:47:30 AM

Inspector Name Tyson Miller

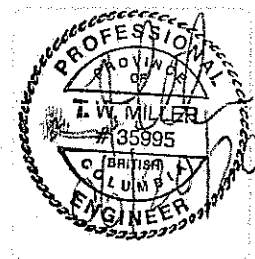
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Monitor the failing fill on the downstream right bank and the minor culvert deformation. The current load rating of BCL-625 or 63 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition

NA

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections Fair

Embedment Materials

Fill Fair Eroding at downstream right bank

Floor Fair Minor damage noted full length

Footing

Head Walls

Inlet Good

Outlet Fair 2.5m drop into bedrock controlled pool

Overall

Rip Rap Fair

Roof Fair Minor damage noted at midspan

Sidewalls Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1

2

3

Item

Monitor Description

Frequency

1 Fill erosion noted downstream right bank

Routine Inspection

2 Damage noted to roof and floor of culvert

Routine Inspection

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Fill erosion at downstream right bank



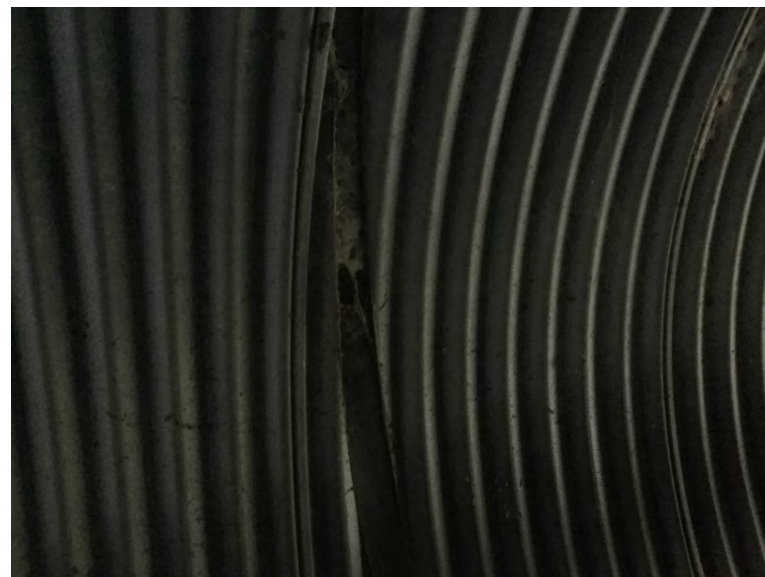
Approach from Right Bank when facing downstream



Inlet



Damage to roof at midspan



Coupler slightly misaligned, tight at roof with 50mm gap on floor



Minor damage noted on the floor



Outlet