

0.4km Squeah

ESD

Squeah FSR 0.4km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
°0'0"	°0'0"
Crossing Name	unknown
FSR #	Branch #
Road Name	Squeah FSR
User km	0.4
Current Load Rating (tonnes)	unknown
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 %	5
Culvert Length (m)	14

Updated Data

Latitude	Longitude
49°23'57.63"	-121°24'50.52"
HD Diff. (m)	9977176.1
Accuracy (m)	5
BCL-625 or 63 tonnes	
500	
1000	
8	

Inspection

Date of Inspection 2016-08-05 11:27:33 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

No information on file with regards to this structure or install. Limit loading to BCL-625 or 63 tonnes load rating. Monitor debris accumulations and aggradation at the inlet.



06/03/2017

P.Eng Seal

0.4km Squeah

ESD

Squeah FSR 0.4km

2016 Inspection



CBR iPad Offline Ver 0.23

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 Unrated

NA

Posted Load Rating

not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Fair

Riprap Fair

Bearings

Corrosion Protection

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Good	
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	some damage most likely from installation
Footing	NA	
Head Walls	N/A	
Inlet	Fair	aggradation and debris accumulations
Outlet	Fair	2m drop but rock and bedrock noted - stable
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	some damage most likely from installation
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

0.4km Squeah

ESD

Squeah FSR 0.4km

2016 Inspection



CBR iPad Offline Ver 0.23

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)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
1	aggradation and debris accumulations	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



looking downstream from road



Approach from Right Bank when facing downstream



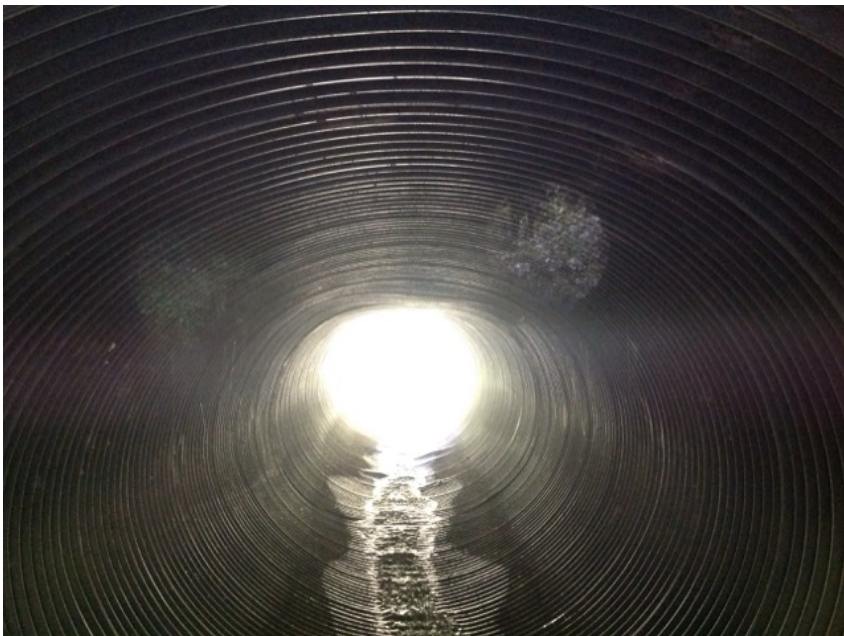
looking upstream from road



Inlet



damage to floor



damage to roof



2.0m drop at outlet