SC-8586
SC-8586

ST VINCENT 5km

2022 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°50'21"	-124°5'34.8"

Site Status	Active
Insp. Status	Inspect
Crossing Name	UNKNOWN
FSR #	8133
Branch #	4
Road Name	ST VINCENT
User km	5
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	1300
Outlet Cover (mm)	1500
Culvert Gradient %	6
Culvert Length (m)	16

Updated Data

Latitude	Longitude
49°50'21.15"	-124°5'35.13"

HD Diff. (m)	8.0	Accuracy (m)	5

Inspection

Date of Inspection: 2022-07-26 11:21:22 AM

Inspector Name: Jonathon Harvey

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022
Load Rating: 150 Tonnes GVW
Next Inspection Year: 2025
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

2023-01-05

PERMIT TO PRACTICE: 1003022

Approach

Alignment: Fair

Bridge Ahead Signs Missing: (•) 0 ( ) 1 ( ) 2

Brushing Required: N

Delineator Missing Left: (•) 0 ( ) 1 ( ) 2

Delineator Missing Right: (•) 0 ( ) 1 ( ) 2

Fender Condition: 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:

Bracing:

Hardware:

Fill: Fair

Riprap: Fair

Bearings:

Corrosion Protection:

Culvert

Baffles		
Bolted Connections		
Coating	Fair	
Coupled Connections	Fair	
Embedment Materials		
Fill	Fair	
Floor	Fair	Minor corrosion
Footing	Fair	
Head Walls		
Inlet	Fair	Minor debris in inlet
Outlet	Fair	3m drop out of outlet
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	
Sidewalls	Fair	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

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

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	1.0	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

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Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Upstream from Crossing

Downstream from Crossing

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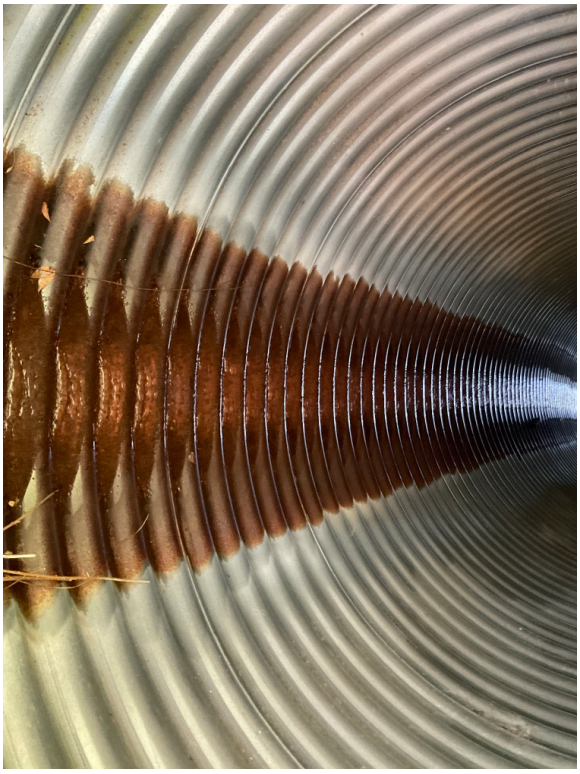
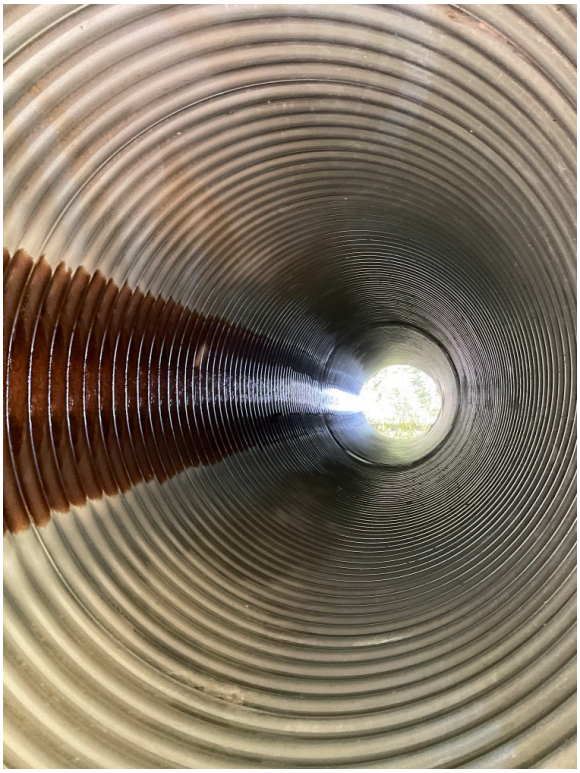
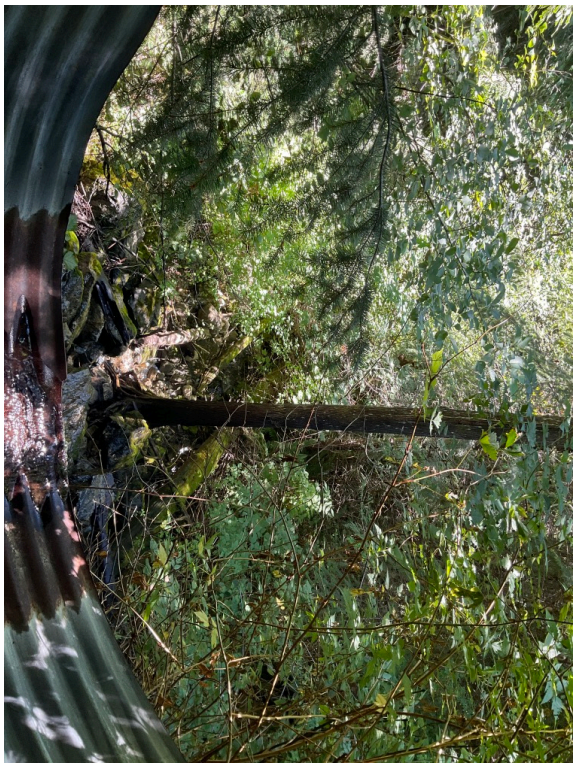
Culvert Floor



Inlet

Looking Downstream Through CMP



Outlet