CK-2471
CK-2471

MAISAL 3.2km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°24'19.8"	-121°59'21.2"

Crossing Name	Side Creek		
FSR #	8241	Branch #	16
Road Name	MAISAL		
User km	3.2		
Previous Load Rating (tonnes)	136		
Structure Class	Major Culvert		
Culvert Type	Round		
Culvert Material	Corrugated Steel		
Opening Height (mm)	2600		
Opening Width (mm)	2600		
Inlet Cover (mm)	4000		
Outlet Cover (mm)	5000		
Culvert Gradient %	5		
Culvert Length (m)	35		

Updated Data

Latitude	Longitude
49°24'20.18"	-121°59'20.92"

HD Diff. (m)	13.1	Accuracy (m)	10

L150 or 136 tonnes

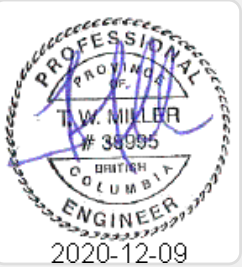
Inspection

Date of Inspection	2020-08-25 10:08:09 AM	Recommended Next Inspection Year	2023
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches and through crossing location . Add surfacing materials to the right approach and grade. The current load rating of L150 or 136 tonnes to continue.



2020-12-09

P.Eng Seal

Approach

Alignment	Fair	HC left approach and HC/VC right approach
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
Delineator Missing Left	( ) 0 ( ) 1 ( ) 2	NA
Delineator Missing Right	( ) 0 ( ) 1 ( ) 2	NA
Fender Condition	Poor	None
Posted Load Rating		Not posted
Road Surface	Poor	right approach surfacing and grading required

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	

Culvert

Baffles		
Bolted Connections		
Coating	Fair	
Coupled Connections	Fair	3 couplers
Embedment Materials		
Fill	Good	
Floor	Fair	Minor corrosion
Footing		
Head Walls		
Inlet	Good	
Outlet	Fair	Vertical drop but well armoured
Overall	Fair	
Rip Rap	Good	
Roof	Fair	
Sidewalls	Fair	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments 2 - 900mm diameter CSPs for overflow

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Approach surfacing grading. m. Priority:High	Add surfacing and grade prior to activity
2	Low	Brush approaches
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

BRITISH COLUMBIA

2020 Inspection

CBR iPad Offline Ver 0.33

MAISAL 3.2km

CK-2471
CK-2471

Approach from Left Bank when facing downstream

Outlet

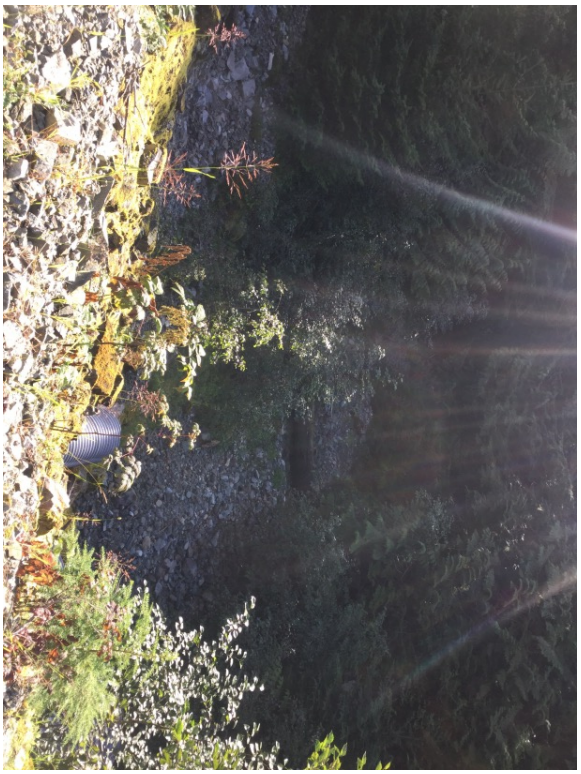
Fill over culverts

Running surface

Downstream from Crossing

Running surface scour at right approach

Looking up chain from right approach



Upstream from Crossing

Culvert punctured from fill in 6 locations at left bank

Approach from Right Bank when facing downstream

Outlet

Inlet