CK-2471	CHEHALIS-MAISAL km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data		Updated Data	
Latitude	Longitude	Latitude	Longitude
49°24'20.09"	-121°59'21.3"	49°24'19.85"	-121°59'21.2"
		HD Diff. (m) 7.9	Accuracy (m)
Road Name	CHEHALIS-MAISAL	Chehalis-Maisal	
User km		3.2	
Current Load Rating (tonnes)	136	L150 or 136 tonnes	
Structure Class	Major Culvert	Major Culvert	
Culvert Type	Round	Round	
Culvert Material	Corrugated Steel	Corrugated Steel	
Opening Height (mm)	2700	2600	
Opening Width (mm)	2600	2600	
Inlet Cover (mm)	4000	4000	
Outlet Cover (mm)	5000	5000	
Culvert Gradient %	5	5	
Culvert Length (m)	35	36	
Deck Width (m)		6.0	

Inspection

Date of Inspection 2014-09-09 11:55:59 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L150 or 136 tonnes to continue.

Dec 17/2014

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P.Eng #39891

Approach

Alignment	Fair	tight 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	
Concrete	
Caps or Sills	
Piles or Posts	
Ballast Wall	
Wing Wall	
Bracing	
Hardware	
Fill	
Riprap	
Bearings	

Corrosion Protection

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Fair	3x
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	
Footing	Fair	
Head Walls	N/A	
Inlet	Fair	
Outlet	Fair	5.0 drop at outlet but well armmoured
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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)	1.0	Ice ☐	

Comments 2x 900mm overflow culverts

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Inlet

Outlet