CK-2048	CHILLIWACK RIVER 1km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°5'33.29"	-121°26'32.5"

Road Name	CHILLIWACK RIVER
User km	1
Current Load Rating (tonnes)	54
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2300
Opening Width (mm)	2300
Inlet Cover (mm)	800
Outlet Cover (mm)	800
Culvert Gradient %	
Culvert Length (m)	14.5
Deck Width (m)	

Updated Data

Latitude	Longitude
49°5'33.21"	-121°26'32.16"

HD Diff. (m)	7.3	Accuracy (m)	10

Chilliwack Lake	
0.9	
L60 or 54 tonnes	
Major Culvert	
Round	
Corrugated Steel	
2300	
2300	
900	
900	
5	
14.5	
7.0	

Inspection

Date of Inspection 2014-10-31 12:52:53 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L60 or 54 tonnes to continue.

Dec 17/2014

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T.W. MILLER
P.Eng Seal
35995

Approach

Alignment	Good			
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	Good	
Coating	Good	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Fair	
Head Walls	N/A	
Inlet	Fair	
Outlet	Fair	2m drop
Overall	Fair	
Rip Rap	Fair	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.0	Ice ☐	

Comments

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

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Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Outlet

Inlet