CK-2489	BENCH 7.2km	2014 Inspection

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CBR Data		Updated Data	
Latitude	Longitude	Latitude	Longitude
49°5'.99"	-121°43'27"	49°5'1.86"	-121°43'27.16"
		HD Diff. (m) 26.8	Accuracy (m) 5
Road Name	BENCH	Bench	
User km	7.2	7.2	
Current Load Rating (tonnes)		L100 or 91 tonnes	
Structure Class	Major Culvert	Major Culvert	
Culvert Type	Open Bottom	Open Bottom	
Culvert Material	Corrugated Steel	Corrugated Steel	
Opening Height (mm)	1910	1910	
Opening Width (mm)	3660	3660	
Inlet Cover (mm)	1800	1.8	
Outlet Cover (mm)	2000	2.3	
Culvert Gradient %		5	
Culvert Length (m)	21.4	21.4	
Deck Width (m)		5.5	

Inspection

Date of Inspection 2014-09-10 2:21:02 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L100 or 91 tonnes to continue.

Nov 27/14

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P. Eng Seal
39995

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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	Good
Posted Load Rating	not posted
Road Surface	Good

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	Fair	some of the fill within the culvert has washed out but footing stillin tact (wrapped in geogrid and geotextile)
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Fair	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.8	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	fill within culvert	Routine Inspection
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

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Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Inlet

inside culvert

CK-2489 BENCH 7.2km 2014 Inspection

Outlet