CK-2205	NORTH AINSLIE CREEK 17.4km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
50°1'31.4"	-121°23'46.9"

Road Name	NORTH AINSLIE CREEK
User km	17.4
Current Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	1300
Outlet Cover (mm)	3000
Culvert Gradient %	3
Culvert Length (m)	22
Deck Width (m)	

Updated Data

Latitude	Longitude
50°1'31.93"	-121°23'46.06"

HD Diff. (m)	23.2	Accuracy (m)	5

North Ainslie Creek	
L150 or 136 tonnes	
Major Culvert	
Round	
Corrugated Steel	
2400	
2400	
1500	
1800	
4	
22	
10.0	

Inspection

Date of Inspection 2014-10-14 11:55:32 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Feb 16/2015

P.Eng Comments

Present load rating of L150 or 136 tonnes to continue.

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

Approach

Alignment	Fair	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	
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	
Footing	Fair	
Head Walls	N/A	
Inlet	Good	
Outlet	Fair	1.0m plunge pool
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)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.5	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

Inlet

Outlet

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