CK-2272	STAVE RIVER 26.7km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°34'31.1"	-122°22'9.5"

Road Name	STAVE RIVER
User km	26.7
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2290
Opening Width (mm)	3400
Inlet Cover (mm)	600
Outlet Cover (mm)	1500
Culvert Gradient %	2
Culvert Length (m)	14
Deck Width (m)	

Updated Data

Latitude		Longitude	
49°34'30.98"		-122°22'8.76"	
HD Diff. (m)	15.3	Accuracy (m)	5

Stave River	
25.0	
L75 or 68 tonnes	
Major Culvert	
Elliptical	
Corrugated Steel	
2200	
3400	
1000	
1200	
2	
16	
8.2	

Inspection

Date of Inspection 2014-11-17 8:42:45 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Feb 26/2015

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.

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

Approach

Alignment	Fair
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	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	Fair	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Fair	
Head Walls	N/A	
Inlet	Fair	aggrading
Outlet	Fair	
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)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	1.4	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	aggradation	Routine Inspection
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

CK-2272 STAVE RIVER 26.7km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

upstream

downstream

CK-2272 STAVE RIVER 26.7km 2014 Inspection

Inlet

Outlet