CK-2334	STAVE RIVER 4.4km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°27'21.39"	-122°13'3.9"

Road Name	STAVE RIVER
User km	4.4
Current Load Rating (tonnes)	68
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	3330
Opening Width (mm)	5200
Inlet Cover (mm)	600
Outlet Cover (mm)	500
Culvert Gradient %	2
Culvert Length (m)	18
Deck Width (m)	

Updated Data

Latitude	Longitude
49°27'21.34"	-122°13'4.74"

HD Diff. (m)	17.0	Accuracy (m)	5

Stave River	
4.4	
L75 or 68 tonnes	
Major Culvert	
Elliptical	
Corrugated Steel	
Multiplate Pipe Arch: 5050 x 3330	Round: 2200
500	
1.0	
5	
20	
7.5	

Inspection

Date of Inspection 2014-12-02 1:09:09 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Feb 19/2015

P.Eng Comments

Present load rating of L75 or 68 tonnes to continue.

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

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	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	Good	just for round CSP
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Fair	
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)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.5	Ice ☐	

Comments: secondary culvert is 2200mm round corrugated steel

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

CK-2334 STAVE RIVER 4.4km 2014 Inspection

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Inlet

Inlet x 2

CK-2334 STAVE RIVER 4.4km 2014 Inspection

Outlet

Outlet x 2