CK-2129	STS'AILES 12.5km	2014 Inspection

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CBR Data		Updated Data	
Latitude	Longitude	Latitude	Longitude
49°24'12.3"	-121°50'44.2"	49°24'13.24"	-121°50'45.2"
		HD Diff. (m) 35.5	Accuracy (m) 5
Road Name	STS'AILES	Sts'ailes	
User km	12.5	12.0	
Current Load Rating (tonnes)	54	L60 or 54 tonnes	
Structure Class	Permanent Bridge	Permanent Bridge	
Portable	N	N	
Superstructure	Concrete Box Beam	Others	
Deck Type	Other	Concrete	
Abutment Left	Concrete Cast in Place	Concrete Cast in Place	
Abutment Right	Concrete Cast in Place	Concrete Cast in Place	
Spans	1	1	
Total Length (m)	17.8	17.4m	
Deck Width (m)	6	4.3	

Inspection

Date of Inspection 2014-08-27 9:06:17 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

check design load rating - 54 tonnes vs 68 tonnes as posted!

Feb 16/2015

P.Eng Comments

Replace missing delineator, brush approaches and replace damaged sections of guardrail risers and blocks. UPDATE LOAD RATING SIGN ASAP. Present load rating of L60 or 54 tonnes to continue.

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

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Approach

Alignment	Fair	
Bridge Ahead Signs Missing	X0 ○ 1 ○ 2	
Brushing Required	Y	minor
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	○ 0 • 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	68	load rating shows 54 tonnes but posted at 68 tonnes!
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	CIP both sides
Caps or Sills	Fair	rubber pads
Piles or Posts	N/A	
Ballast Wall	Fair	timbers
Wing Wall	N/A	
Bracing	N/A	
Hardware	N/A	
Fill	Fair	
Riprap	Fair	
Bearings	Good	

Corrosion Protection	N/A	

Deck

Running Surface	Fair	lots of sediment on deck
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	replace damaged section
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	4 concrete box beams - approx 900mm deep
Diaphragms	N/A	
Bracing	N/A	
Under Trussing	N/A	
Hardware	N/A	
Welded/grouted shear connectors	Fair	grouted

Log

Log Curbs	
Needle Beam	
Needle Lashing/ Shimming	
Needle Beam to Crib (m)	

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.4	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	5.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace damaged guardrail upstream left approach
2	Medium	replace missing delineator
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

Guard Rail

Deck

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream