

CK-2007

ANDERSON SEVEN 0.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°43'35.5"	-121°21'52.4"
Road Name ANDERSON SEVEN	
User km	0.1
Current Load Rating (tonnes)	41
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Treated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	27.4
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°43'35.49"	-121°21'51.43"
HD Diff. (m)	19.4
Accuracy (m)	10
Anderson 7	
0.1	
L75 or 68 tonnes	
Temporary Bridge	
N	
Steel I-beam	
Timber - Treated	
Crib, Log or Untreated Timber	
Crib, Log or Untreated Timber	
2	
27.4	
4.3	

Inspection

Date of Inspection 2014-10-14 1:50:03 PM

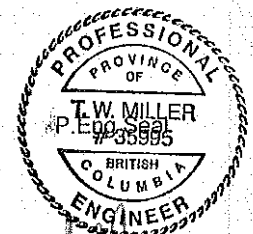
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace wear planks, post bridge ahead signs and replace fender logs prior to industrial activity. Monitor upstream left bank riprap. Monitor bearing as all 4 bearing bolts on right bank have sheared off and left bank are all bent. Work completed in 2013, which included adding additional internal stiffeners, adding additional bearing stiffeners, adding an additional diaphragm and bent has resulted in an increased load rating. Present load rating of L75 or 68 tonnes to continue. Please update load rating sign ASAP.



T.W. Miller
Jan 19/2015

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor missing or completely rotten

Posted Load Rating 90680

Road Surface Fair

Abutment

Log/Timber Cribs Fair just for fill retention - nonbearing

Tie Backs Fair

Bin Wall N/A

Concrete N/A

Caps or Sills Fair H beam

Piles or Posts Fair H piles, 4 per abutment with 2 rounded posts as pier

Ballast Wall Fair logs

Wing Wall Fair

Bracing Fair all bracing welds appear intact

Hardware Fair

Fill Fair

Riprap Fair monitor upstream left bank riprap

Bearings Fair fair to poor - bearing bolts on left bank all bent and all 4 bearing bolts on right bank (slotted) sheared off. Pier added in 2013 with what appears as fixed bearing holes as

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Corrosion Protection Fair

Deck

Running Surface N/A

Running Planks Poor rotten

Sub Deck Fair creosoted

Ties Fair creosoted

Nails Poor protruding

Deck to Girder Bolts Fair

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Poor due to worn running planks

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

Diaphragms Fair 5, welded

Bracing Fair

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	14.	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments pier added in 2013, with what appears as fixed bearings
all 4 bearing bolts on right bank sheared completely off
check previous inspections noting sheared bearing bolts

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace wear planks with activity
2		
3		

Monitor Item

Monitor Description

Monitoring Frequency

1	bearing on right bank	Anually
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Upstream Profile

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



right bank upstream bearing bolts (both) sheared off



Right Bank Abutment when facing downstream

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pier



left bank upstream bearing bolts



superstructure