



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2353		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8613		*Br. 02	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: WINSLOW			
*Kilometres: 1.9		User Kilometres:	
*Crossing Name: SIDE CRK		Close Proximity Inspection Required? ☐ Yes ☒ No	
*Inspection Status: ☒ Inspect ☐ Do Not Inspect			
*BCTS Business Area (if applicable):			
Trim Map Sheet #:		1:50,000 Map Sheet #:	
Special Access Requirements: ☐ ATV ☐ Boat ☐ 4-Wheel Drive ☐ Gate Key ☒ Helicopter ☐ Isolated Public Access		Special Equipment Requirements: ☐ Peeper Truck ☐ Scuba	
Point of Access Description:			
Coordinates Longitude: (ddd / mm / ss.s)		Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 557597	UTM Northing: 5481862	

*Denotes Mandatory Information for Corporate Bridge Register



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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure # <u>CK-2353</u>	*Site #: <u>CK-2353</u>
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name: <u>SIDE CRK</u>
*Forest District: <u>CHILLIWACK</u>	Management Area:
*Forest Service Road: <u>WINSLOW</u>	Kilometres: <u>1.9</u>
*Project File ID#: <u>8013</u>	*Br. <u>02</u>
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☒ New Structure ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR) <u>5</u>	Design Load Rating GVW (tonnes): (Typically obtained from design drawings) _____
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year): <u>2030</u>	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR). <u>2012</u>
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS

Number of Spans:

1

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]

8.5

Number of Piers:

0

Pier Type:

- | | |
|---|---|
| ☐ Concrete | ☐ Crib - Timber |
| ☐ Piles - Concrete | ☐ Piles - Steel |
| ☐ Piles - Timber Treated | ☐ Piles - Timber Untreated |
| ☐ Steel Column on Concrete Pad | |

Needle Beams?

☐ Yes ☒ No

Portable Structure?

☐ Yes ☒ No

Portable Superstructure Status:

☐ Installed
☐ Storage

Portable Superstructure Storage Location:

*Bridge
Length
(metres):

8.5

*Superstructure:

- | | | |
|---|---|-----------------------------------|
| ☐ Compo Girders | ☐ Concrete Box Beam | ☐ Rail Car |
| ☐ Concrete Cast in Place | ☐ Concrete I/T Beam | ☐ Other |
| ☒ Concrete Slab Girders | ☐ Glulam Girder | |
| ☐ Log Stringer | ☐ Steel Box Beam | |
| ☐ Steel I-Beam | ☐ Steel Truss/Bailey/Acrow | |
| ☐ Timber-Treated Stringers | ☐ Timber-Untreated Stringers | |

*Deck Type:

- | | | |
|--|--|---------------------------------|
| ☒ Concrete | ☐ Concrete Composite | ☐ Gravel |
| ☐ Concrete Removable | ☐ Concrete - Steel Free | ☐ Steel |
| ☐ Timber-Treated | ☐ Timber-Untreated | ☐ Other |
| ☐ Timber-Treated Panels | ☐ Timber-Untreated Panels | |

*Deck Width
(metres):

4.9

*Running Surface:

- | | | | |
|--|--|--|---------------------------------|
| ☐ Anti-Skid | ☐ Asphalt | ☒ Concrete | ☐ Gravel |
| ☐ Not Available | ☐ Timber Planks | | |

*Left Abutment:

- ☐ Binwall
☐ Concrete Cast in Place
☒ Concrete Lock Blocks
☐ Concrete Precast
☐ Crib, Log or Untreated Timber
☐ Other
☐ Pile-Temporary Materials
☐ Pile-Permanent Materials
☐ Sill-Permanent Materials
☐ Sill-Temporary Materials
☐ Steel Pipe & Precast Pad

*Right Abutment:

- ☐ Binwall
☐ Concrete Cast in Place
☒ Concrete Lock Blocks
☐ Concrete Precast
☐ Crib, Log or Untreated Timber
☐ Other
☐ Pile-Temporary Materials
☐ Pile-Permanent Materials
☐ Sill-Permanent Materials
☐ Sill-Temporary Materials
☐ Steel Pipe & Precast Pad

Comments:



Routine Condition Bridge Inspection Form
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION

(enter either long/lat or UTM below – not both)

*Site #: CK-2353

*Structure #: CK-2353

*FSR Name: Winston Creek

Longitude: (ddd / mm / ss.s)

Latitude: (ddd / mm / ss.s)

*Crossing Name: Side Creek

*Forest District: Chilliwack

*Kilometres: 1.90

OR

UTM Zone10

UTM Easting557597

UTM Northing5481862

*Type/Class:

☐ Temporary bridge

☒ Permanent bridge

*Project File ID# 8013

*Br. 02

User km: 1.90

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G F P UR	
Bridge Ahead Signs Missing	0 1 2	
Brushing Required	Yes No	
Delineator Missing Left	0 1 2	
Delineator Missing Right	0 1 2	
Fender Condition	E G F P None UR	Downstream right approach no post barriers have been hit and now lie in the ditch.
Posted Load Rating	(tonnes) or None	
Road Surface	E G F P UR	

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Crib	E G F P N/A UR	
Tie-backs	E G F P N/A UR	
Bin Wall	E G F P N/A UR	
Concrete (cast in place, lock blocks, precast)	E G F P N/A UR	2x lock blocks with geogrid
Caps or Sills	E G F P N/A UR	8" x 8" timber, some fruiting bodies growing on them, crushed.
Piles or Posts	E G F P N/A UR	
Ballast Wall	E G F P N/A UR	
Wing Wall	E G F P N/A UR	
Bracing	E G F P N/A UR	
Hardware	E G F P N/A UR	
Fill	E G F P N/A UR	
Riprap	E G F P N/A UR	
Bearings	E G F P N/A UR	Rotten crushed
Corrosion Protection	E G F P N/A UR	

Span 1 of 1 (spans are numbered consecutively starting from the left abutment)

Use "Additional Spans" Sheet for Multiple Spans

DECK

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface (N/A if running surface is gravel or timber planks)	E G F P N/A UR	Some damage likely from track vehicles to outside slabs
Running Planks	E G F P N/A UR	
Sub-deck	E G F P N/A UR	
Ties	E G F P N/A UR	
Nails	E G F P N/A UR	
Deck to Girder Bolts	E G F P N/A UR	
Concrete Deck	E G F P N/A UR	3x concrete slabs, upstream one is slanted
Grout Pockets	E G F P N/A UR	
Deck Joints	E G F P N/A UR	Sealant has eroded
Steel Deck Plate	E G F P N/A UR	
Gravel Surface	E G F P N/A UR	
Gravel Deck Depth	metres or N/A	
Curb Rail/Blocks/Posts	E G F P UR	Rotten timber rails
Handrails/ Walkouts	E G F P N/A UR	
Hardware	E G F P N/A UR	Loose rails
Overall Deck Condition	E G F P UR	Damage to running surface, deck joints, rotten, loose timber rails

FS1337B HEG Oct. 18, 2010

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
*Site #: CK-2353		*Structure #: CK-2353	
SUPERSTRUCTURE			
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G F P	UR	
Diaphragms	E G F P	N/A UR	
Bracing	E G F P	N/A UR	
Under-trussing	E G F P	N/A UR	
Hardware	E G F P	N/A UR	
Welded / Grouted Shear Connectors	E G F P	N/A UR	
Stream CHANNEL			
*Est. Present Water Level Depth 0.0 (m)		*Est. Present Water Level Width 0.0 (m)	*Est. High Water Level Clearance 1.6 (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes No	Scour?	Yes No
Ice?	Yes No	Debris?	Yes No
Aggradation?	Yes No		
Comments			
REPAIRS: ☒ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L	\$1.00	Replace sills. Replace rails before industrial activity occurs.
2	H M L	\$1.00	patch concrete surface
3	H M L		Post bridge ahead signs
*Monitoring Status: ☒ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	damage to running surface		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	Sill displaced	5	Upstream
2	Downstream	6	Right Abutment
3	Guard downstream	7	Right bearing
4	From Right	8	From Left
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings checked? Yes No		P Eng Inspection Required? Yes No	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): 2012	
		(P Eng to review and validate Inspector's estimate and provide "Full Log Haul Traffic Replacement (year)" on structure details sheet)	
*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2013/09/25	ONSITE	Jeremy Araki	C. R. ARAKI #29756
Inspector's Comments			
Must replace sills - load rate to 5 tonnes			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 68 tonnes (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2016/09/30	
Reviewer Company Name	Reviewed by - P Eng's Name (print)	Reviewed by - P Eng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		2014/01/15
P Eng Reviewer's Comments			
The timber sill, guardrail, risers and blocks were all replaced shortly after the inspection. Post			

* Denotes Mandatory Information for Corporate Bridge Register bridge ahead signs and patch concrete surface as noted. Present load rating of L75 or 68 tonnes to continue.





CK-2353 Slab Displaced



CK-2353 Downstream



CK-2353 Guard Downstream



CK-2353 From Right



CK-2353 Upstream



CK-2353 Km Sign



CK-2353 Right Bearing



CK-2353 From Left



CK-2353 Right Abutment



CK-2353 Left Abutment



