

**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 #: <u>CK-2161</u>	*Crossing Name: <u>Side G</u>	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>6086</u>				
*Structure #: <u>T4-0501</u>	*Forest District: <u>DCK</u>	*Kilometres: <u>1.2 km</u>	*Br. <u>02</u>				
*FSR Name: <u>Munster East H11200</u>			User km:				
Longitude: (ddd / mm / ss.s) <u>121-31-48.4</u>	OR	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>49-19-34.9</u>							
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 <u>F</u> P UR	Tight horizontal on this approach, cut slope raveling					
Bridge Ahead Signs Missing	0 1 <u>2</u>						
Brushing Required	Yes <u>No</u>	Not yet					
Delineator Missing Left	0 <u>1</u> 2	Both on townside					
Delineator Missing Right	0 <u>1</u> 2						
Fender Condition	E <u>G</u> F P None UR	Right as feeling CRP					
Posted Load Rating	(tonnes) or <u>None</u>						
Road Surface	E G F P <u>UR</u>	X snow					
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 <u>F</u> P N/A UR	Port of rot FS treated (right side)					
Tie-backs	E G F P N/A <u>UR</u>	Buried with riprap (RS) Buried (L/S)					
Bin Wall	E G F P <u>N/A</u> UR						
Concrete (cast in place; lock blocks, precast)	E G F P <u>N/A</u> UR						
Caps or Sills	E G F <u>P</u> N/A UR	Rotten Treated (CRS)					
Piles or Posts	E G F P <u>N/A</u> UR						
Ballast Wall	E G F <u>P</u> N/A UR	Logs rotten both sides, still holding dirt					
Wing Wall	E G F P <u>N/A</u> UR						
Bracing	E G F P <u>N/A</u> UR						
Hardware	E G F P <u>N/A</u> UR						
Fill	E G <u>F</u> P N/A UR						
Riprap	E G F <u>P</u> N/A UR	Pier (RS) & Sours undermined. Well done (L/S)					
Bearings	E G F <u>P</u> N/A UR	12 inches off to centre on both sides					
Corrosion Protection	E G F P <u>N/A</u> 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 <u>UR</u>	Two feet of snow					
Running Planks	E G F P <u>N/A</u> UR						
Sub-deck	E G F P <u>N/A</u> UR						
Ties	E G F P <u>N/A</u> UR						
Nails	E G F P <u>N/A</u> UR						
Deck to Girder Bolts	E G F P <u>N/A</u> UR						
Concrete Deck	E G F P <u>N/A</u> UR						
Grout Pockets	E G F P <u>N/A</u> UR						
Deck Joints	E G F P <u>N/A</u> UR						
Steel Deck Plate	E G F P N/A <u>UR</u>	Snow					
Gravel Surface	E G F P <u>N/A</u> UR						
Gravel Deck Depth	metres or <u>N/A</u>						
Curb Rail/Blocks/Posts	E <u>G</u> F P UR						
Handrails/ Walkouts	E G F P <u>N/A</u> UR						
Hardware	E G F P <u>N/A</u> UR						
Overall Deck Condition	E <u>G</u> F P UR						



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GENERAL INFORMATION

*Site #:

*Structure #:

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 0.2 (m)

*Est. Present Water Level Width 5 (m)

*Est. High Water Level Clearance 2 (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
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Comments

REPAIRS:

☒ Recommended ☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L		Replace L & R sills
2	H M L		Repair riprap RS
3	H M L		

*Monitoring Status:

☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	Monitor Scouring (RS)
2	

PHOTO LOG

Photo #	Description	Photo #	Description

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 prior to Log Haul
(PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)

*Date of Inspection
(yyyy/mm/dd)
2010/08/15

*Inspection Company Name

*Inspector's Name (print)
Jon Lee

Inspector's Signature

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 27 tonnes
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd)
2013/10/31
#35995

Reviewer Company Name
MOF

Reviewed by - PEng's Name (print)
T. Miller

Reviewed by PEng's Signature

Date Reviewed (yyyy/mm/dd)
2012/02/17

PEng Reviewer's Comments
Replace both sills & repair undermining riprap on town approach.
* Denotes Mandatory Information for Corporate Bridge Register
Post bridge ahead & load rating signs. Replace all 4
delineators & repair town approach / downstream concrete no-post
barriers. L30 or 27 tonnes load rating. Replace ballast wall (logs)
FS1337B HEG Oct. 18, 2010 on both ends.



Town approach



Town approach 2



Town bearing plate does not sit completely on sill



Town riprap angle



Town abutment and riprap



Town riprap undermined



Cover plate in-between 2 box girders



Woods sill – significant rot



Woods sill – significant rot



Woods bearing does not sit entirely on sill



Woods approach