

Bridge Inspection										
Bridge File Number	83085 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	2002/2002				Lot No.	4				
Bridge or Town Name	NORTH COOKING LAKE				Inspector Name	Jason Saly				
Located Over	WATERCOURSE, WATERCRS-NI				Inspector Class	BR CLS A				
Located On	TRAIL IN BLACKFOOT PROV. REC. AREA				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	28-Nov-2011				
Legal Land Location	SW SEC 10 TWP 52 RGE 20 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-112:52:17, 53:28:18				Data Entry Date	04-Jan-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien				
Contract Main. Area	UNDEFINED CMA				Review Date	15-Dec-2011				
Clear Roadway/Skew	3.6 /				Dept. Reviewer Name	Andrew Smikles				
AADT/Year					Dept. Review Date	09-Jan-2012				
Road Classification					Follow-Up By					
Detour Length (km)										
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member			
Design Loading:							----> Primary Span			

Posting Information										
Required Load Posting (t)	Single				Semi				Truck Train	
Posted Loading (t)	Single				Semi				Truck Train	
Posted:	Lane	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Remarks										
Hazard Marker At Bridge (Y/N)	No									
Remarks	Not required.									
Other Sign Types										

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road										
			Last	Now	Explanation of Condition					
Horizontal Alignment				6	Trail; OK for designed use.					
Vertical Alignment				6						
Roadway Width (m)	3.600									
Approach Bump				6						
Guardrail (Y/N)	No									
Guardrail				X						
Length (m)										
Current Standard (Y/N)	No									
Termination Type	None									
Drainage				N	Snow covered.					
Approach Road General Rating				6						

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : TT, 1 Spans, Lengths(m): 5.7, A-Ident Number:)							
Special Features							
Special Feature					X		
(Type :)							
Special Feature					X		
(Type :)							
Wearing Surface/Deck Top Detail Ratings							
	N (%)	1 (%)	2 (%)	3 (%)			
Last							
Now	100.0	0.0	0.0	0.0			
Wearing Surface/Deck Top					N	Snow covered.	
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 150)							
Deck Rideability					6		
Wheel Guards					7		
(Curb Type : Standard)							
(Type : TREATED TIMBER)							
(Thickness(mm) : 150)							
(Width(mm) : 150)							
Bridge Rail					6		
(Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))							
Bridge Rail Posts					6		
(Type : TREATED TIMBER;TREATED TIMBER)							
Bridge Rail/Posts Coating					X		
(Type :)							
(No. of Stringers : 7)							
Stringer Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)		Stringers 3 & 5 are original.	
Last							
Now	0	0	0	0			
Stringers					5	There is a wide check in 5th stringer from W.	
(Type : TREATED TIMBER)							
(Width(mm) : 150)							
(Depth(mm) : 250)							
(Spacing(mm) : 500)							
Sub Deck/Deck Underside					6	Deck underside of wearing surface, single layer strip deck.	
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 150)							
Defects (Percent Area)							
Span Alignment Problems							
Vertical (Y/N)	No						
Horizontal (Y/N)	No						
Superstructure General Rating					5		

Substructure							
Bridge Component		Last	Now	Explanation of Condition			
Abutments							
(Extended Backwall Piles (Y/N) : N)							
(Extended Backwall Piles Spacing(mm) :)							
(Total Number of Caps/Corbels : 1:1)				Timber cap on mud sills.			
Bearing Seats/Caps/Corbels Detail Ratings							
	N (count)	1 (count)	2 (count)			3 (count)	
Last							
Now	0	0	0			0	
Bearing Seats/Caps/Corbels							5
(Type : TREATED TIMBER)							
(Depth(mm) : 250)							
(Width(mm) : 600)							
Backwalls/Breastwalls							X
Greatest Height (m)							
Wingwalls					X		
(Total Number of Bearing Piles : 0:0)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now	0	0	0	0			
Piles					X		
Paint/Coating					X		
Abutment Stability					5		
Scour/Erosion					6		
Piers/Bents							
(Type :)							
(Total Number of Caps/Corbels :)							
Bearing Seats/Caps/Corbels Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Bearing Seats/Caps/Corbels					X		
(Type :)							
(Depth(mm) :)							
(Width(mm) :)							
(Total Number of Bearing Piles :)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Pier Shaft/Piles					X		
Greatest Height (m)							
Bracing/Struts/Sheathing					X		
Nose Plate					X		
Paint/Coating					X		
(Colour Description :)							
(Colour Code :)							
Pier Stability					X		

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour			X	
Debris (Y/N)	Yes			
Substructure General Rating			5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment			6	
Bank Stability			6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection			6	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs			X	
Adequacy of Opening			6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
PATCH DECK							
REPLACE STRIP DECK							
REPLACE SUB DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/55.6	Sufficiency Rating (Last/Now) (%)	/51.4	Est. Repl. Yr	2020	Maint. Reqd. (Y/N)	No
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name			Previous Assistant's Name				
Next Inspection Date	28-Aug-2016		Previous Inspection Date				
Inspection Cycle (Default) (months)	57						
Comment							