

Bridge Inspection										
Bridge File Number	83054 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	1986/1986				Lot No.	4				
Bridge or Town Name	N COOKING LA				Inspector Name	Jason Saly				
Located Over	WATERCOURSE, WATERCRS-NI				Inspector Class	BR CLS A				
Located On	TRAIL-PED, ON 50000 FB				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	29-Nov-2011				
Legal Land Location	NE SEC 30 TWP 52 RGE 20 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-112:55:60, 53:31:19				Data Entry Date	03-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 /				Dept. Reviewer Name	Andrew Smikles				
AADT/Year					Dept. Review Date	09-Jan-2012				
Road Classification	RLU-207G-60				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	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No		
Remarks										
Hazard Marker At Bridge (Y/N)	No									
Remarks										
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		5	6	Trail; OK for designed usage.					
Vertical Alignment		5	6						
Roadway Width (m)	3.700			3.65					
Approach Bump		3	4	High bump at E; OK for designed usage, no action required.					
Guardrail (Y/N)	No								
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage		5	N						
Approach Road General Rating		3	6						

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : TT, 1 Spans, Lengths(m): 5.6, A-Ident Number:)							
Special Features							
Special Feature					X		
(Type :)							
Special Feature					X		
(Type :)							
Wearing Surface/Deck Top Detail Ratings							
	N (%)	1 (%)	2 (%)	3 (%)	Covered in dirt & ice.		
Last							
Now	100.0	0.0	0.0	0.0			
Wearing Surface/Deck Top				6	N		
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 300)							
Deck Rideability				6	6		
Wheel Guards							
(Curb Type : Standard)							
(Type : TREATED TIMBER)							
(Thickness(mm) : 150)							
(Width(mm) : 150)							
Bridge Rail					5	2x4 rail; 4x4 posts, removable.	
(Type : TREATED TIMBER BRIDGE SOLID BEAM (EX. TIMBER RAILS))							
Bridge Rail Posts				X	6		
(Type : TREATED TIMBER;TREATED TIMBER)							
Bridge Rail/Posts Coating				X	X		
(Type :)							
(No. of Stringers : 7)							
Stringer Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)	Thin ice; viewed from sides.		
Last							
Now	5	0	0	0			
Stringers				6	5		
(Type : TREATED TIMBER)							
(Width(mm) : 200)							
(Depth(mm) : 490)							
(Spacing(mm) : 640)							
Sub Deck/Deck Underside				X	6	Underside of wearing surface (single layer of timber).	
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 300)							
Defects (Percent Area)		0					
Span Alignment Problems							
Vertical (Y/N)		No					
Horizontal (Y/N)		No					
Superstructure General Rating				6	6		

Substructure							
Bridge Component		Last	Now	Explanation of Condition			
Abutments							
(Extended Backwall Piles (Y/N) :)							
(Extended Backwall Piles Spacing(mm) :)							
(Total Number of Caps/Corbels : 1:1)							
Bearing Seats/Caps/Corbels Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now	2	0	0	0			
Bearing Seats/Caps/Corbels				X	N	Could not get under bridge due to thin ice.	
(Type : TREATED TIMBER)							
(Depth(mm) :)							
(Width(mm) :)							
Backwalls/Breastwalls				X	X		
Greatest Height (m)							
Wingwalls				X	X		
(Total Number of Bearing Piles : 0:0)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Piles				X	X		
Paint/Coating				X	X		
Abutment Stability				4	4	Bank unstable at E side. Loss of fill from behind E breastwall; no action required at this time.	
Scour/Erosion				5	4		
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	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	X		
Greatest Height (m)							
Bracing/Struts/Sheathing				X	X		
Nose Plate				X	X		
Paint/Coating				X	X		
(Colour Description :)							
(Colour Code :)							
Pier Stability				X	X		

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	Yes			
Substructure General Rating		6	4	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction :)				Unknown.
(D/S Direction :)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			
Slope Protection		7	5	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	5	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	5	

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) (%)	66.0/55.6	Sufficiency Rating (Last/Now) (%)	49.1/77.1	Est. Repl. Yr	2018	Maint. Req. (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	Aime Theroux		Previous Assistant's Name				
Next Inspection Date	29-Aug-2016		Previous Inspection Date	12-Nov-2002			
Inspection Cycle (Default) (months)	57						
Comment							