

Bridge Inspection									
Bridge File Number	83067 -1 Bridge				Form Type	TT			
Year Built/Year Supstr	1986/1986				Lot No.	2			
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	28-Nov-2011			
Legal Land Location	SW SEC 18 TWP 52 RGE 19 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-112:47:55, 53:29:13				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	Trails; OK for designed use.				
Vertical Alignment			5	6					
Roadway Width (m)	3.700								
Approach Bump			5	4	85mm from path to deck top; OK for designed use.				
Guardrail (Y/N)	No								
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage			5	N					
Approach Road General Rating			5	6					

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : TT, 1 Spans, Lengths(m): 4.8, A-Ident Number:)							
Special Features							
Special Feature					X		
(Type :)							
Special Feature					X		
(Type :)							
Wearing Surface/Deck Top Detail Ratings							
	N (%)	1 (%)	2 (%)	3 (%)	Snow covered.		
Last							
Now	100.0	0.0	0.0	0.0			
Wearing Surface/Deck Top				5	N		
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 300)							
Deck Rideability				5	5		
Wheel Guards							
(Curb Type : Standard)							
(Type : TREATED TIMBER)							
(Thickness(mm) : 150)							
(Width(mm) : 150)							
Bridge Rail					6	DECK TO STREAMBED APPROX. 1.1m.	
(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)			
Last							
Now	0	0	0	0			
Stringers				5	6		
(Type : TREATED TIMBER)							
(Width(mm) : 200)							
(Depth(mm) : 300)							
(Spacing(mm) : 620)							
Sub Deck/Deck Underside				X	6	Deck underside of single layer of TT.	
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 75)							
(Plank Width(mm) : 300)							
Defects (Percent Area)							
Span Alignment Problems							
Vertical (Y/N)		Yes				Piles installed for breastwall are tight against the stringers & heaving. First 3 stringers from S are nto bearing on caps; up to 40m gap.	
Horizontal (Y/N)		No					
Superstructure General Rating				5	6		

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)						
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	5	
(Type : TREATED TIMBER)						
(Depth(mm) : 200)						
(Width(mm) : 500)						
Backwalls/Breastwalls			X	4		
Greatest Height (m)						
Wingwalls			X	8		
(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	X		
Paint/Coating			X	X		
Abutment Stability			5	5		
Scour/Erosion			5	5		
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		5	5	
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		5	6	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		5	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	2012	Cut back breastwall piles.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	55.0/61.1	Sufficiency Rating (Last/Now) (%)	51.2/79.0	Est. Repl. Yr	2020	Maint. Req'd. (Y/N)	Yes
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	28-Aug-2016		Previous Inspection Date	13-Nov-2002			
Inspection Cycle (Default) (months)	57						
Comment							