

Bridge Inspection										
Bridge File Number	83068 -1 Bridge				Form Type	TT				
Year Built/Year Supstr	2002/2002				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	28-Nov-2011				
Legal Land Location	NE SEC 12 TWP 52 RGE 20 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-112:48:21, 53:28:36				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	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										
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)	4.000				(3.95)				
Approach Bump			5	6					
Guardrail (Y/N)	No								
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage			5	5					
Approach Road General Rating			5	6					

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : TT, 1 Spans, Lengths(m): 5.5, 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				5	6	
(Curb Type : Standard)						
(Type : TREATED TIMBER)						
(Thickness(mm) : 150)						
(Width(mm) : 150)						
Bridge Rail				6	DECK TO STREAMBED APPROX. 1.0m. Rail system is removable for easy repairs. Rail 100x50mm.	
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))						
Bridge Rail Posts			X	6		
(Type : TREATED TIMBER;TREATED TIMBER)					Posta 100x100mm.	
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	7	
(Type : TREATED TIMBER)						
(Width(mm) : 200)						
(Depth(mm) : 300)						
(Spacing(mm) : 620)						
Sub Deck/Deck Underside			X	7	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)		No				
Horizontal (Y/N)		No				
Superstructure General Rating			5	7		
Substructure						
Bridge Component		Last	Now	Explanation of Condition		
Abutments						
(Extended Backwall Piles (Y/N) : N)						
(Extended Backwall Piles Spacing(mm) :)						

Substructure								
Bridge Component		Last	Now	Explanation of Condition				
(Total Number of Caps/Corbels : 2:2)				Timber caps on mud sill.				
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				7	
(Type : TREATED TIMBER)								
(Depth(mm) : 250)								
(Width(mm) : 250)								
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	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				
Scour			X	X				

Substructure				
Bridge Component		Last	Now	Explanation of Condition
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	5	A little bit of rock under bridge.
(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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	55.0/66.7	Sufficiency Rating (Last/Now) (%)	51.2/81.5	Est. Repl. Yr	2020	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	28-Aug-2016		Previous Inspection Date	13-Nov-2002			
Inspection Cycle (Default) (months)	57						
Comment							