

Bridge Inspection									
Bridge File Number	83055 -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	SE SEC 29 TWP 52 RGE 20 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-112:54:47, 53:31:05				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)	2.400								
Approach Bump			5	5					
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): 5.3, 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	40.0	0.0	0.0	0.0		
Wearing Surface/Deck Top				5	7	
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 75)						
(Plank Width(mm) : 300)						
Deck Rideability				5	6	
Wheel Guards				5	5	Minor damage at SW corner; still functional.
(Curb Type : Standard)						
(Type :)						
(Thickness(mm) :)						
(Width(mm) :)						
Bridge Rail				5	5	Approx. 700mm to streambed. Rail system removable for ease of repairs. Rail is 100x50mm; posts are 100x100mm.
(Type : BRIDGE SOLID BEAM (EX. TIMBER RAILS))						
Bridge Rail Posts				5	5	
(Type : TREATED TIMBER;TREATED TIMBER)						
Bridge Rail/Posts Coating				5	X	
(Type :)						
(No. of Stringers : 7)						
Stringer Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)	3rd & 5th stringers from S (240x240) are original.	
Last						
Now	0	0	0	0		
Stringers				5	5	
(Type : TREATED TIMBER)						
(Width(mm) : 156)						
(Depth(mm) : 240)						
(Spacing(mm) : 675)						
Sub Deck/Deck Underside				X	7	Underside of wearing surface (single layer of TT).
(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				5	5	
Substructure						
Bridge Component				Last	Now	Explanation of Condition
Abutments						
(Extended Backwall Piles (Y/N) :)						
(Extended Backwall Piles Spacing(mm) :)						

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
(Total Number of Caps/Corbels : 1:1)				TT on mud sill.		
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	Dirt upto bottoms of stringers.		
(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	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 : S)				
(D/S Direction : N)				
Alignment		7	7	
Bank Stability		7	N	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	Yes			Beaver dam to S of bridge.
Slope Protection		5	5	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	5	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		6	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) (%)	55.0/55.6	Sufficiency Rating (Last/Now) (%)	53.5/76.5	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							