

Bridge Inspection									
Bridge File Number	86082 -1 Bridge				Form Type	TT			
Year Built/Year Supstr	1967/1967				Lot No.	4			
Bridge or Town Name	MCLENNAN				Inspector Name	Brian Pientsch			
Located Over	WATERCOURSE, WATERCRS-NI				Inspector Class	BR CLS A			
Located On	TRAIL-PED, ON 50000 FB				Assistant Name	Clem Guenette			
Water Body Cl./Year					Assistant Class	BR CLS B			
Navigabil. Cl./Year					Inspection Date	09-Jan-2013			
Legal Land Location	SW SEC 35 TWP 76 RGE 18 W5M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-116:40:59, 55:37:29				Data Entry Date	10-Apr-2013			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	UNDEFINED CMA				Review Date	03-Apr-2013			
Clear Roadway/Skew	1.2 /				Dept. Reviewer Name				
AADT/Year					Dept. Review Date				
Road Classification					Follow-Up By				
Detour Length (km)	999								
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		5	5	Access foot bridge to seawall.					
Vertical Alignment		5	5						
Roadway Width (m)	2.000								
Approach Bump		7	7						
Guardrail (Y/N)		No							
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage		7	7						
Approach Road General Rating		5	5						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : TT, 12 Spans, Lengths(m): 4.9-4.9-4.9-4.9-4.9-4.9-4.9-4.9-4.9-4.9-4.9, 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				
Wearing Surface/Deck Top			X	N	Snow covered
(Material Type :)					
(Plank Thickness(mm) :)					
(Plank Width(mm) :)					
Deck Rideability			7	7	
Wheel Guards			7	N	Snow covered
(Curb Type : None)					
(Type : TREATED TIMBER)					
(Thickness(mm) : 40)					
(Width(mm) : 140)					
Bridge Rail			7	7	steel panel
(Type :)					
Bridge Rail Posts			7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			7	7	
(Type : GALVANIZED)					
(No. of Stringers : 4;4;4;4;4;4;4;4;4;4;4;4)					
Stringer Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	340mm ice to bottom stringer. Ice to deep.
Last					
Now	48				
Stringers			N	N	
(Type : TREATED TIMBER)					
(Width(mm) : 200)					
(Depth(mm) : 250)					
(Spacing(mm) : 450)					
Sub Deck/Deck Underside			6	N	
(Material Type : TREATED TIMBER)					
(Plank Thickness(mm) : 40)					
(Plank Width(mm) : 200)					
Defects (Percent Area)		1			
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			6	6	GR carried fwd.

Substructure									
Bridge Component				Last	Now	Explanation of Condition			
Abutments									
(Extended Backwall Piles (Y/N) :)				Fill to bottom of stringers, both Abuts.-26-Oct-2007					
(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	100	0	0				0		
Now	2								
Bearing Seats/Caps/Corbels							N	N	
(Type : TREATED TIMBER)									
(Depth(mm) :)									
(Width(mm) :)									
Backwalls/Breastwalls				N	N				
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	100	0	0	0					
Now	100								
Piles				N	N				
Paint/Coating				X	X				
Abutment Stability				8	8				
Scour/Erosion				8	N				
Piers/Bents									
(Type : PIER-COLUMN)									
(Total Number of Caps/Corbels : 1: :1:1:1: :1:1:1:1:1)				(Steel bracket connection between piles & caps.21-July-2002)					
Bearing Seats/Caps/Corbels Detail Ratings									
	N (count)	1 (count)	2 (count)	3 (count)					
Last	100	0	0	0					
Now	100								
Bearing Seats/Caps/Corbels				7	N	Not visable due to wate/icer depth.			
(Type : TREATED TIMBER)									
(Depth(mm) : 300)									
(Width(mm) : 300)									
(Total Number of Bearing Piles : 0:0:0:0:0:0:0:0:0:0)									
Piles Detail Ratings									
	N (count)	1 (count)	2 (count)	3 (count)					
Last	100	0	0	0					
Now	100								
Pier Shaft/Piles				N	N				
Greatest Height (m)				1.50					
Bracing/Struts/Sheathing				N	N				
Nose Plate				X	X				
Paint/Coating				X	X				
(Colour Description :)									
(Colour Code :)									

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		7	7	
Scour		7	N	
Debris (Y/N)	No			
Substructure General Rating		7	7	General rating carried forward.
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction :)				
(D/S Direction :)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)	0.7			
Drift (Y/N)	No			
Slope Protection (Type :)		7	N	Snow covered
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	7	

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) (%)	72.2/72.2	Sufficiency Rating (Last/Now) (%)	/85.3	Est. Repl. Yr	2022	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	Jim Amirault		Previous Assistant's Name				
Next Inspection Date	09-Oct-2017		Previous Inspection Date	26-Oct-2007			
Inspection Cycle (Default) (months)	57						
Comment							