

Bridge Inspection									
Bridge File Number	83082 -1 Bridge				Form Type	PT			
Year Built/Year Supstr	1986/1986				Lot No.	4			
Bridge or Town Name	HAYS LAKES				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	01-Dec-2011			
Legal Land Location	SW SEC 20 TWP 49 RGE 20 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-112:54:11, 53:14:18				Data Entry Date	04-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	1.2 /				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	Not required.								

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)	1.200								
Approach Bump		5	6						
Guardrail (Y/N)		No							
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)		No							
Termination Type		None							
Drainage		5	N	Snow covered.					
Approach Road General Rating		5	6						

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : PT, 2 Spans, Lengths(m): 14.7-14.7, 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					N	
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 50)						
(Plank Width(mm) : 150)						
Deck Rideability					6	
Deck Joints					X	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
Curbs/Wheel Guards					X	
(Curb Type :)						
(Type :)						
(Thickness(mm) :)						
(Width(mm) :)						
Bridge Rail					6	Truss forms rail.
(Type :)						
Bridge Rail Posts/Blocking					X	
(Type :)						
Bridge Rail/Posts Coating					X	
(Type :)						
Sidewalk					X	

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : PT, 2 Spans, Lengths(m): 14.7-14.7, A-Ident Number:)						
Wide Load Damage (Y/N)	No					65mm x 65mm tubing.
Top Chord					7	
Batter Posts					7	
Diagonals					7	
Verticals					7	
Connections					7	
Floor Beams					7	
Bottom Chord					7	
Lateral Bracings					X	
(No. of Stringers : Null;Null)						
Stringer Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Stringers					X	
(Type :)						
(Width(mm) :)						
(Depth(mm) :)						
(Spacing(mm) :)						
Paint Condition					6	Yellow.
(Colour Description :)						
(Colour Code :)						
Touchup Required (Y/N)	No					
Bearings					X	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Functioning (Y/N)						
Sub Deck/Deck Underside					5	Deck underside of single layer strip deck.
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 50)						
(Plank Width(mm) : 150)						
Defects (Percent Area)						
Span Alignment Problems						
Vertical (Y/N)	No					
Horizontal (Y/N)	No					
Superstructure General Rating					5	Based on timber wearing surface previous rating.
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 : 1:1)				TT 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			5	
(Type : TREATED TIMBER)							
(Depth(mm) : 150)							
(Width(mm) : 500)							
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 : PIER-COLUMN)				Piles attached directly to truss brackets.			
(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 : TREATED TIMBER)							
(Total Number of Bearing Piles : 2)						2 sets of 2 300x150mm TT.	
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now	0	0	0	0			
Pier Shaft/Piles			4	4			
Greatest Height (m)							
Bracing/Struts/Sheathing			X	X			
Nose Plate			X	X			
Paint/Coating			X	X			
(Colour Description :)							
(Colour Code :)							
Pier Stability			4	4			
Scour			5	5			
Debris (Y/N)		No					
Substructure General Rating			4	4			

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction :)				Undetermined.
(D/S Direction :)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				
Drift (Y/N)		No		
Slope Protection		5	6	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
PATCH DECK							
REPLACE SUB DECK							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	50.0/50.0	Sufficiency Rating (Last/Now) (%)	51.9/75.9	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	01-Sep-2016		Previous Inspection Date	14-Nov-2002			
Inspection Cycle (Default) (months)	57						
Comment							