

Bridge Inspection									
Bridge File Number	83084 -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	-112:53:49, 53:14:19				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					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)	3.000								
Approach Bump			5	6					
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 : PT, 1 Spans, Lengths(m): 7.3, 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	100.0	0.0	0.0	0.0		
Wearing Surface/Deck Top				5	N	
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 40)						
(Plank Width(mm) : 150)						
Deck Rideability				5	5	
Deck Joints				X	X	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
Curbs/Wheel Guards				X	X	
(Curb Type :)						
(Type :)						
(Thickness(mm) :)						
(Width(mm) :)						
Bridge Rail					X	DECK TO STREAMBED APPROX. 0.6m. Truss forms pedestrian rail.
(Type :)						
Bridge Rail Posts/Blocking				X	X	
(Type :)						
Bridge Rail/Posts Coating				X	X	
(Type :)						
Sidewalk				X	X	

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : PT, 1 Spans, Lengths(m): 7.3, A-Ident Number:)						
Wide Load Damage (Y/N)		No				65mm x 65mm tubing.
Top Chord				7	7	
Batter Posts				7	7	
Diagonals				7	7	
Verticals				7	7	
Connections				7	7	
Floor Beams				7	7	
Bottom Chord				7	7	
Lateral Bracings				X	X	
(No. of Stringers : Null)						
Stringer Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Stringers				X	X	
(Type : STEEL)						
(Width(mm) :)						
(Depth(mm) :)						
(Spacing(mm) :)						
Paint Condition				7	5	Minor chipping on top chord.
(Colour Description :)						
(Colour Code :)						
Touchup Required (Y/N)		No				
Bearings				X	X	
Temperature (deg. C)						
(Expansion Type :)						
(Fixed Type :)						
Functioning (Y/N)						
Sub Deck/Deck Underside				X	5	Underside of wearing surface, single layer strip deck.
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 40)						
(Plank Width(mm) : 150)						
Defects (Percent Area)						
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				
Superstructure General Rating				5	5	GR based on wearing surface Nov 2002 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	2	0	0	0		
Bearing Seats/Caps/Corbels				5	N	
(Type : TREATED TIMBER)						
(Depth(mm) : 150)						
(Width(mm) : 300)						
Backwalls/Breastwalls					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 :)						
(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	
Debris (Y/N)		No				
Substructure General Rating				5	5	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				Unknown
(U/S Direction :)				
(D/S Direction :)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				
Drift (Y/N)	No			
Slope Protection		5	5	
(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							
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) (%)	55.0/55.6	Sufficiency Rating (Last/Now) (%)	51.2/75.5	Est. Repl. Yr	2020	Maint. Reqd. (Y/N)	No
Special Comments for Next Inspection	Bridge located in loop 4 near the amphitheatre.		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							