

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)				Buried.				
(Depth(mm) : 150)								
(Width(mm) : 300)								
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 :)								
(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				
(U/S Direction :)				Unknown
(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. Req. (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							