

Bridge Inspection										
Bridge File Number	83080 -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 21 TWP 49 RGE 20 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-112:52:24, 53:14:20				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	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	Not required.									
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	5	TRAILS					
Vertical Alignment		5	5						
Roadway Width (m)	1.200								
Approach Bump		5	5						
Guardrail (Y/N)	No								
Guardrail		X	X						
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage		5	N						
<b>Approach Road General Rating</b>		<b>5</b>	<b>5</b>						

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : PT, 1 Spans, Lengths(m): 12.1, A-Ident Number: )						
<b>Special Features</b>						
Special Feature					X	
(Type : )						
Special Feature					X	
(Type : )						
<b>Wearing Surface/Deck Top Detail Ratings</b>						
	N (%)	1 (%)	2 (%)	3 (%)		
<b>Last</b>						
<b>Now</b>	100.0	0.0	0.0	0.0		
Wearing Surface/Deck Top				4	N	(Som boards beginning to rot. 14Nov2002).
(Material Type : <b>TREATED TIMBER</b> )						
(Plank Thickness(mm) : <b>40</b> )						
(Plank Width(mm) : <b>150</b> )						
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. 1.2m. 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): 12.1, 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	6		Yellow.
(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		Deck underside of a single layer strip deck.
(Material Type : TREATED TIMBER)						
(Plank Thickness(mm) : 40)						
(Plank Width(mm) : 150)						
Defects (Percent Area)						
<b>Span Alignment Problems</b>						
Vertical (Y/N)	No					
Horizontal (Y/N)	No					
<b>Superstructure General Rating</b>			<b>5</b>	<b>4</b>		GR based on previous wearing surface rating on 14Nov2002.
Substructure						
Bridge Component				Last	Now	Explanation of Condition
<b>Abutments</b>						
(Extended Backwall Piles (Y/N) : N)						
(Extended Backwall Piles Spacing(mm) : )						

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
(Total Number of Caps/Corbels : : )				Timber caps on mud sill.		
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)			3 (count)
<b>Last</b>						
<b>Now</b>	0	0	0			0
Bearing Seats/Caps/Corbels			5			5
(Type : <b>TREATED TIMBER</b> )						
(Depth(mm) : )						
(Width(mm) : )						
Backwalls/Breastwalls			X			X
Greatest Height (m)						
Wingwalls			X	X		
(Total Number of Bearing Piles : <b>0:0</b> )						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)			3 (count)
<b>Last</b>						
<b>Now</b>	0	0	0			0
Piles			X			X
Paint/Coating			X			X
Abutment Stability			5			5
Scour/Erosion			5			5
<b>Piers/Bents</b>						
(Type : )						
(Total Number of Caps/Corbels : )						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
Bearing Seats/Caps/Corbels			X	X		
(Type : )						
(Total Number of Bearing Piles : )						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
<b>Last</b>						
<b>Now</b>						
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				
<b>Substructure General Rating</b>			<b>5</b>	<b>5</b>		

Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(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 : <b>NATURAL; NATURAL</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>7</b>	<b>5</b>	

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							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>55.0/50.0</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>53.7/73.0</b>	Est. Repl. Yr	2020	Maint. Req. (Y/N)	No
Special Comments for Next Inspection	Found in back country trails, chickadee loop.		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							