

Bridge Inspection										
Bridge File Number	75425 -1 Bridge				Form Type	SS				
Year Built/Year Supstr	1994/1994				Lot No.					
Bridge or Town Name	SLAVE LAKE				Inspector Name	Eric Carcoux				
Located Over	LILY CREEK, 8.11.80.29, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	LOCAL ROAD				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	14-Jul-2011				
Legal Land Location	NW SEC 14 TWP 74 RGE 6 W5M				Data Entry By	Bryan Wai				
Longitude, Latitude	-114:48:50, 55:24:58				Data Entry Date	26-Sep-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Arnold Assenheimer				
Contract Main. Area	UNDEFINED CMA				Review Date	18-Jul-2011				
Clear Roadway/Skew	4 /				Dept. Reviewer Name	Byron Chelak				
AADT/Year	1 / 2007 (E)				Dept. Review Date	26-Sep-2012				
Road Classification					Follow-Up By	Inspection reentered to match correct span type				
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	For trail & Park equipment use.									
Hazard Marker At Bridge (Y/N)	No									
Remarks	Not required.									
Other Sign Types										

Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power	7 wire East r/w.				Municipal					
Others	WSC @ NW.				Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		8	8	Trail in Provincial Park behind locked gate. Call 849-7100 for access if locked. Lily creek group site entrance not accessible in winter. Located on Trans Canada Trails beside road to campground.					
Vertical Alignment		8	8						
Roadway Width (m)	3.000								
Approach Bump			8	8	Not required.				
Guardrail (Y/N)									
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)	No								
Termination Type	None								
Drainage			8	8					
Approach Road General Rating			8	8					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SSB, 1 Spans, Lengths(m): 21, 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					
Wearing Surface			9	8	Stripdeck stops 0.3 m short each side.
(Material Type : UNTREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top			9	8	
Deck Rideability			9	8	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			X	X	
Drains Clogged (Y/N)					
Curbs/Median			9	8	
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			7	7	Uses truss as rail.
(Type : NON-STANDARD RAIL)					
Bridge Rail Posts		X	X		
(Type :)					
Bridge Rail/Posts Coating		X	X		
(Type :)					
Sidewalk			X	X	
Top Chord			6	6	Few 25 mm minor nicks & minor distort areas.
Diagonals			7	7	
Verticals			6	6	Minor distortion near SE.
Connections			7	7	
Floor Beams			7	7	Few nicks, minor distortion. N 2m cantilevered over cap.
Bottom Chord			4	4	
Stringers			7	7	15 stringers/bay x 14 bays.
Girders			X	X	
Diaphragms/Cross Frame			4	4	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : SSB, 1 Spans, Lengths(m): 21, A-Ident Number:)				
Paint Condition		4	4	Green. Top coat peeling 20%.
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	Yes			
Bearings		X	X	Set directly on steel cap.
Temperature (deg. C)				
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		9	8	spaced @ 225 at center.
Stains (Percent Area)				
(Snow Slots Filled :)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		4	4	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps/Corbels		5	5	
(Type : STEEL)				
(Depth(mm) : 310)				
(Width(mm) : 310)				
Backwalls/Breastwalls		5	5	Piles not visible @ S. abut., may be sitting on mudsill.
Wingwalls		X	X	
Piles		5	5	
Paint/Coating		X	X	
Abutment Stability		7	7	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps/Corbels		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
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	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		5	5	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		5	5	
Bank Stability		5	5	
HWM (m below Top of Curb)				HWM not visible
Drift (Y/N)	Yes			
Slope Protection		7	7	
(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		5	5	

Proposed Long-Term Strategy			
On 3-Year Program (Y/N)			
Proposed Action			
Previous Inspector's Name	Dave Lam	Previous Assistant's Name	
Next Inspection Date	14-Oct-2014	Previous Inspection Date	16-Aug-2007
Inspection Cycle (Default) (months)	39		
Comment			