

Bridge Inspection							
Bridge File Number	83047 -1 Bridge			Form Type	SG		
Year Built/Year Supstr	1998/1998			Lot No.	4		
Bridge or Town Name				Inspector Name	Owen Salava		
Located Over	PIGEON LK TB, WATERCRS-NI			Inspector Class	BR CLS A		
Located On	LOCAL ROAD;TRAIL-PED			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	25-Oct-2012		
Legal Land Location	NE SEC 1 TWP 47 RGE 2 W5M			Data Entry By	Marcia Chavez		
Longitude, Latitude	-114:09:35, 53:01:32			Data Entry Date	15-Nov-2012		
Road Authority	Alberta Transportation (AIT)			Reviewer Name	John O'Brien		
Contract Main. Area	UNDEFINED CMA			Review Date	30-Oct-2012		
Clear Roadway/Skew	2.6 /			Dept. Reviewer Name	Andrew Smikles		
AADT/Year				Dept. Review Date	16-Nov-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	WB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)
Remarks							
Hazard Marker At Bridge (Y/N)	No						
Remarks	Not required.						
Other Sign Types							

Utilities (Located at)			
Utility Attachments			
Telephone			Gas
Power			Municipal
Others			Problem (Y/N)
Remarks	None		

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment			7	Trail in Pigeon Lake Provincial Park.
Vertical Alignment			7	
Roadway Width (m)	3.000			
Approach Bump			7	
Guardrail (Y/N)	No			
Guardrail			X	
Length (m)				
Current Standard (Y/N)	No			
Termination Type	None			
Drainage			7	
Approach Road General Rating			7	

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : RB, 1 Spans, Lengths(m): 9.2, 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	90.0	0.0	0.0	0.0	
Wearing Surface			X		
(Material Type :)					
(Thickness(mm) :)					
Deck Top			7	Subdeck carries traffic. UT 50x150mm.	
Deck Rideability			7		
Deck Joints			X		
Temperature (deg. C)		-4			
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			7	No drains.	
Drains Clogged (Y/N)					
Curbs/Median			X		
(Curb Type : Standard)					
Scaling (Percent Area)					
Bridge Rail			7		
(Type : STEEL BRIDGE TUBE)					
Bridge Rail Posts			7		
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating			7		
(Type : PAINT)					
Sidewalk			X		
Girder/Beam					
Cover Plate			X		
Flange			7		
Web			7		
Stiffeners			X		
Splice			X		
Weld			X		
Diaphragms/Cross Frame			7		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 1 Spans, Lengths(m): 9.2, A-Ident Number:)				
Paint Condition			7	Black
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			X	
Temperature (deg. C)	-4			
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside			7	
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			7	150x600mm timber sill.
(Type : TREATED TIMBER)				
Backwalls/Breastwalls			7	
Wingwalls			X	
Piles			X	
Paint/Coating			X	
Abutment Stability			7	
Scour/Erosion			7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps			X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles			X	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			7	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment			7	
Bank Stability			7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection			6	
(Type : NATURAL; NATURAL)				
Guidebank/Spurs			X	
Adequacy of Opening			6	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating			6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	/77.8	Sufficiency Rating (Last/Now) (%)	/60.2	Est. Repl. Yr	2060	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			Previous Assistant's Name				
Next Inspection Date	25-Jan-2016		Previous Inspection Date				
Inspection Cycle (Default) (months)	39						
Comment							