

Bridge Inspection									
Bridge File Number	83048 -1 Bridge				Form Type	SG			
Year Built/Year Supstr	1986/1986				Lot No.	8			
Bridge or Town Name	BUCK LAKE				Inspector Name	Owen Salava			
Located Over	TRIBUTARY TO BUCKLAKE CK, 6.132.2.16, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	LOCAL ROAD				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	06-Jan-2012			
Legal Land Location	SW SEC 30 TWP 46 RGE 5 W5M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-114:43:03, 52:59:37				Data Entry Date	14-Feb-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Jason Saly			
Contract Main. Area	UNDEFINED CMA				Review Date	30-Jan-2012			
Clear Roadway/Skew	4.6 /				Dept. Reviewer Name	Andrew Smikles			
AADT/Year	17 / 2012 (E)				Dept. Review Date	23-Feb-2012			
Road Classification	RLU-207G-60				Follow-Up By				
Detour Length (km)	999								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	MS230						----> 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	30 KMH, ENTRANCE TO PARK								
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	Curves each side, entrance to parking, camping area for Calhoun Bay Prov. Rec Area.				
Vertical Alignment			5	7					
Roadway Width (m)	5.000				Rotting posts; SW/NE ends not secured.				
Approach Bump			5	7					
Guardrail (Y/N)	Yes								
Guardrail			7	4					
Length (m)	15.200								
Current Standard (Y/N)	No								
Termination Type	TURNDOWN								
Drainage			6	6					
Approach Road General Rating			5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : WG, 1 Spans, Lengths(m): 11.7, 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				5	N
(Material Type : UNTREATED TIMBER)					
(Thickness(mm) : 75)					
Deck Top				5	N
Deck Rideability				5	6
Deck Joints				X	X
Temperature (deg. C)		-1		DECK TO STREAMBED APPROX. 2.8m	
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage				X	X
Drains Clogged (Y/N)					
Curbs/Median				7	7
(Curb Type : Standard)					
Scaling (Percent Area)		0		TIMBER - 295 X 295. Minor scrapes	
Bridge Rail				7	7
(Type : BRIDGE TUBE)					
Bridge Rail Posts				7	7
(Type : POST STEEL;POST STEEL)					
Bridge Rail/Posts Coating				4	4
(Type : PAINT)					
Sidewalk				X	X
Girder/Beam					
Cover Plate				X	X
Flange				7	7
Web				7	7
Stiffeners				7	7
Splice				X	X
Weld				X	X
Diaphragms/Cross Frame				7	7

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 1 Spans, Lengths(m): 11.7, A-Ident Number:)				
Paint Condition		5	6	Black
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		X	X	Girders welded to cap at W; slide on E cap with keepers at outside girders.
Temperature (deg. C)	-1			
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		X	7	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		7	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		7	7	
(Type : STEEL)				
Backwalls/Breastwalls		7	7	
Wingwalls		7	7	
Piles		7	7	
Paint/Coating		5	5	Minor rust; paint scraped off lower 0.5m.
Abutment Stability		7	7	
Scour/Erosion		7	7	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles		X	X	
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		7	7	

Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)		Winding channel; lake d/s.		
(D/S Direction : N)				
Alignment		7	6	
Bank Stability		X	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		7	6	CL2 in front of piles.
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		7	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7	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	2012	Replace rotten guardrail posts & secure turned down ends.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	77.0/77.8	Sufficiency Rating (Last/Now) (%)	61.4/58.5	Est. Repl. Yr	2037	Maint. Req'd. (Y/N)	Yes
Special Comments for Next Inspection	Tags placed at NE & SW corners.		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	06-Apr-2015		Previous Inspection Date	27-Nov-2002			
Inspection Cycle (Default) (months)	39						
Comment							