

Bridge Inspection									
Bridge File Number	78199 -1 Bridge				Form Type	PSR			
Year Built/Year Supstr	1978/1978				Lot No.	4			
Bridge or Town Name	LOUGHEED PK				Inspector Name	Garry Roberts			
Located Over	BOULTON CREEK, 2.13.56.23, 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-Dec-2011			
Legal Land Location	SE SEC 25 TWP 19 RGE 9 W5M				Data Entry By	Erin Roberts			
Longitude, Latitude	-115:06:34, 50:37:59				Data Entry Date	29-Jan-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Tom Carey			
Contract Main. Area	CMA28				Review Date	21-Dec-2011			
Clear Roadway/Skew	8.8 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	200 / 2005 (E)				Dept. Review Date	06-Feb-2012			
Road Classification	RLU-208-100				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:	HS25						----> 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)	Yes								
Remarks	Bottom of sign is @ curb height - 1.2m from top to road.								
Other Sign Types									
Utilities (Located at)									
Utility Attachments									
Telephone	West ditch.				Gas				
Power	Crosses South.				Municipal				
Others					Problem (Y/N)	No			
Remarks									
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			5	5	Curves North and South, entrance South.				
Vertical Alignment			6	6					
Roadway Width (m)	9.000								
Approach Bump			6	6					
Guardrail (Y/N)	No								
Guardrail			X	X					
Length (m)									
Current Standard (Y/N)									
Termination Type									
Drainage			8	7					
Approach Road General Rating			5	5					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : RD, 1 Spans, Lengths(m): 21.3, 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	0.0	0.0	0.0	0.0	
Wearing Surface			5	5	Chipcoat on epoxy overlay. Some minor wear @ South.
(Material Type : CONCRETE - CONVENTIONAL CHIP SEAL COAT)					
(Thickness(mm) : 50)					
Lateral Connection Problem (Y/N)	No				
Deck Top			N	N	
Deck Rideability			7	7	
Deck Joints			5	5	
Temperature (deg. C)		-10			
(Expansion Type :)					
(Fixed Type : COMPRESSION SEAL (ACME SEALS))					
Gap Size (mm)		Gap Location			
25		North			
22		South			
Deck Drainage			5	5	
Drains Clogged (Y/N)		No			
Curbs/Median			7	N	Snow covered. PR 7.
(Curb Type : Standard)					
Scaling (Percent Area)		5			
Bridge Rail			7	7	10% superficial corrosion. Minor scrapes.
(Type : BRIDGE TUBE)					
Bridge Rail Posts		7	7		
(Type : POST STEEL)					
Bridge Rail/Posts Coating		4	4		
(Type : PAINT)					
Sidewalk			5	5	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Girders			5	5	Exterior girders have medium width longitudinal cracks - all corrosion areas repaired.
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			Spall Crack @ Girder #4 @ South Headslope - Minor
(Number Of Girders : 9)					

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RD, 1 Spans, Lengths(m): 21.3, A-Ident Number:)				
Diaphragms/Cross Frame		X	X	
Bearings		8	7	
Temperature (deg. C)	-10			
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type : REINFORCED PAD BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		5	5	Some signs of Leakage - not active
Stains (Percent Area)	1			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		5	5	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
Backwalls/Breastwalls		7	7	
Wingwalls		7	7	
Piles		N	N	Buried.
Paint/Coating		7	6	
Abutment Stability		9	8	
Scour/Erosion		8	8	
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 : E)				
(D/S Direction : W)				
Alignment		7	7	
Bank Stability		5	6	
HWM (m below Top of Curb)				HWM not visible. Drift in D/S channel.
Drift (Y/N)	Yes			
Slope Protection		5	5	
(Type : RIP RAP; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(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							
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
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) (%)	66.7/66.7	Sufficiency Rating (Last/Now) (%)	62.1/62.1	Est. Repl. Yr	2030	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	Tom Carey		Previous Assistant's Name				
Next Inspection Date	06-Mar-2015		Previous Inspection Date	29-Oct-2008			
Inspection Cycle (Default) (months)	39						
Comment							