

Bridge Inspection									
Bridge File Number	01535 -2 Bridge				Form Type	PCS			
Year Built/Year Supstr	1966/1966				Lot No.	3			
Bridge or Town Name	PONOKA				Inspector Name	Owen Salava			
Located Over	2ND ORDER TRIBUTARY TO BATTLE RIVER, 5.60.1, WATERCRS-ST				Inspector Class	BR CLS A			
Located On	792:04 C1 10.618				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	04-Feb-2013			
Legal Land Location	SW SEC 6 TWP 44 RGE 27 W4M				Data Entry By	Marcia Chavez			
Longitude, Latitude	-113:55:19, 52:45:37				Data Entry Date	20-Feb-2013			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien			
Contract Main. Area	CMA17				Review Date	13-Feb-2013			
Clear Roadway/Skew	7.6 /				Dept. Reviewer Name	Chris Black			
AADT/Year	350 / 2011 (A)				Dept. Review Date	14-Mar-2013			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	6								
Allowable Load (t):	Single	CS1 28		Semi	CS2 49		Train	CS3 62	
								----> On Critical Spans ---->Critical Member	
Design Loading:	CS750							----> 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									
Other Sign Types									
Utilities (Located at)									
Utility Attachments	GAS UTILITIES-GAS LINE; TELEPHONE UTILITIES-PHONE LINE; POWER UTILITIES-POWER LINE								
Telephone	West r/w.				Gas	Crossing road 70m North. Gas crossing 10m South.			
Power	2 wire East r/w.				Municipal				
Others					Problem (Y/N)	No			
Remarks	Phone conduit attached to West rail.								
Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			8	8	ACP cracks along centreline of road.				
Vertical Alignment			8	8					
Roadway Width (m)	9.000								
Approach Bump			4	5					
Guardrail (Y/N)	Yes								
Guardrail			7	7					
Length (m)	42.000								
Current Standard (Y/N)	Yes								
Termination Type	Turn Down								
Drainage			4	4					
					Ponding @ corners off bridge - photo. Windrows under approach rail.				
Approach Road General Rating			4	4					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SC, 1 Spans, Lengths(m): 8.5, A-Ident Number:)					
Special Features					
Special Feature			X	File tags SE & NW.	
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last	10				
Now	10.0	0.0	0.0	0.0	
Wearing Surface			X	X	
(Material Type :)					
(Thickness(mm) :)					
Lateral Connection Problem (Y/N)		No			
Deck Top			8	8	Hairline cracking.
Deck Rideability			8	8	
Deck Joints			8	8	
Bump (Y/N)		Yes			
Deck Drainage			8	8	No deck drains.
Drains Clogged (Y/N)		No			
Curbs/Median			9	N	Snow covered.
(Curb Type : Standard)					
Scaling (Percent Area)		0			
Bridge Rail			9	9	Double layer.
(Type : GALVANIZED STEEL THRIE BEAM)					
Bridge Rail Posts			9	9	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			9	9	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now	0	0	0	0	
Girders			5	5	Hairline longitudinal cracks G2 North end, otherwise girders rate 8.
Last Complete Inspection Date		04-Feb-2013			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 9)					
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						
(Extended Backwall Piles (Y/N) : Y)				Bridge widened onto extended piles.		
(Extended Backwall Piles Spacing(mm) : 1500)						
(Total Number of Caps/Corbels : 7:7)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				9	9	
(Type : TREATED TIMBER)						
(Depth(mm) : 350)						
(Width(mm) : 300)						
Backwalls/Breastwalls				6	6	
Greatest Height (m)		2.50				
Wingwalls				9	9	
(Total Number of Bearing Piles : 9:9)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Piles				6	6	Banded, some tied back. A1P7 has outer fibres split off, pile looks ok - photo.
Paint/Coating				X	X	
Abutment Stability				7	7	
Scour/Erosion				N	N	Ice.
Piers/Bents						
(Type :)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				X	X	
(Type :)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles :)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
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 :)						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		6	6	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		8	8	
Bank Stability		6	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		6	6	
(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		6	6	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
OVERLAY DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION	2013	Clear windrows from approach rail.					
OTHER ACTION	2013	Seal longit. cracks in approach ACP.					
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	61.1/61.1	Sufficiency Rating (Last/Now) (%)	56.9/57.3	Est. Repl. Yr	2033	Maint. Req. (Y/N)	Yes
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	Owen Salava		Previous Assistant's Name				
Next Inspection Date	04-May-2016		Previous Inspection Date	04-Mar-2010			
Inspection Cycle (Default) (months)	39						
Comment							