

Bridge Inspection										
Bridge File Number	01504 -2 Bridge				Form Type	PCS				
Year Built/Year Supstr	2008/2008				Lot No.	4				
Bridge or Town Name	STETTLER				Inspector Name	Owen Salava				
Located Over	TRIBUTARY TO REDWILLOW CREEK, 5.31.1.5, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	12:12 C1 47.014				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	31-Aug-2012				
Legal Land Location	NW SEC 6 TWP 39 RGE 19 W4M				Data Entry By	Marcia Chavez				
Longitude, Latitude	-112:43:58, 52:19:30				Data Entry Date	17-Sep-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	John O'Brien				
Contract Main. Area	CMA20				Review Date	06-Sep-2012				
Clear Roadway/Skew	13.7 / 0 deg.				Dept. Reviewer Name	Andrew Smikles				
AADT/Year	7,660 / 2011 (A)				Dept. Review Date	18-Sep-2012				
Road Classification	RAU-211.8-110				Follow-Up By					
Detour Length (km)	1									
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)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	EB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Remarks	Not req'd.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks									
Other Sign Types	Speed limit on light std. - both directions.								

Utilities (Located at)										
Utility Attachments										
Telephone	20m S of c/l.				Gas					
Power	N side.				Municipal					
Others	Fibre optic N r/w. Street lights 32m W of W end of brdge & at E end.				Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		7	7	In town limits.					
Vertical Alignment		9	9						
Roadway Width (m)	14.000								
Approach Bump		7	7						
Guardrail (Y/N)	Yes								
Guardrail		9	9						
Length (m)	30.400								
Current Standard (Y/N)	Yes								
Termination Type	Turned down								
Drainage		7	7						
<b>Approach Road General Rating</b>		<b>7</b>	<b>7</b>						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>SC, 1 Spans, Lengths(m): 8, A-Ident Number: )</b>					
<b>Special Features</b>					
Special Feature			X		
(Type : )					
Special Feature			X		
(Type : )					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0.0	0.0	0.0	0.0	
Wearing Surface			9	9	
(Material Type : <b>MIX TYPE 2 ACP</b> )					
(Thickness(mm) : <b>50</b> )					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			8	8	
Deck Joints			N	N	
Bump (Y/N)		No		Asphalted over. Buffer angles.	
Deck Drainage			7	7	
Drains Clogged (Y/N)		No		No drains.	
Curbs/Median			X	X	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)					
Bridge Rail			9	9	
(Type : <b>GALVANIZED STEEL THRIE BEAM</b> )					
Bridge Rail Posts			9	9	
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			9	9	
(Type : <b>GALVANIZED</b> )					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0	0	0	0	
Girders			9	9	
Last Complete Inspection Date		31-Aug-2012		New SLC girders.	
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : <b>12</b> )					
<b>Span Alignment Problems</b>					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
<b>Superstructure General Rating</b>			<b>9</b>	<b>9</b>	

Substructure					
Bridge Component		Last	Now	Explanation of Condition	
<b>Abutments</b>					
(Extended Backwall Piles (Y/N) : <b>N</b> )					
(Extended Backwall Piles Spacing(mm) : )					
(Total Number of Caps/Corbels : <b>1:1</b> )				Galvanized steel caps.	
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0	0	0	0	
Bearing Seats/Caps/Corbels			9	9	
(Type : <b>STEEL</b> )					
(Depth(mm) : <b>305</b> )					
(Width(mm) : <b>305</b> )					
Backwalls/Breastwalls			9	9	
Greatest Height (m)		1.90			
Wingwalls			9	9	
(Total Number of Bearing Piles : <b>10:10</b> )				Galvanized H-piles.	
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0	0	0	0	
Piles			9	9	
Paint/Coating			9	9	
Abutment Stability			9	9	
Scour/Erosion			8	8	
C1-2 rock at both hslps.					
<b>Piers/Bents</b>					
(Type : )					
(Total Number of Caps/Corbels : )					
Bearing Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>					
<b>Now</b>					
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)	
<b>Last</b>					
<b>Now</b>					
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			
<b>Substructure General Rating</b>		<b>9</b>	<b>9</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>S</b> )				
(D/S Direction : <b>N</b> )				
Alignment		8	8	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		6	6	3 culverts under service road 10m N side.
(Type : <b>NATURAL; NATURAL</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>6</b>	<b>6</b>	

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							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>100.0/100.0</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>78.4/78.4</b>	Est. Repl. Yr	2070	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	Owen Salava		Previous Assistant's Name				
Next Inspection Date	31-May-2014		Previous Inspection Date	26-Aug-2010			
Inspection Cycle (Default) (months)	21						
Comment							