

Bridge Inspection										
Bridge File Number	13848 -2 Bridge				Form Type	PCS				
Year Built/Year Supstr	2004/2004				Lot No.	3				
Bridge or Town Name	MILO				Inspector Name	Tom Carey				
Located Over	BRP - IRRIGATION C, WATERCRS-IC				Inspector Class	BR CLS A				
Located On	542:02 C1 23.065				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	08-Feb-2010				
Legal Land Location	SW SEC 1 TWP 19 RGE 22 W4M				Data Entry By	Kelsey Roberts				
Longitude, Latitude	-112:55:55, 50:34:20				Data Entry Date	03-Mar-2010				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts				
Contract Main. Area	CMA25				Review Date	23-Feb-2010				
Clear Roadway/Skew	10.1 / 30 deg. (RHF)				Dept. Reviewer Name	Lorenz Bohnert				
AADT/Year	590 / 2008 (A)				Dept. Review Date	08-Mar-2010				
Road Classification	RCU-209-110				Follow-Up By					
Detour Length (km)	6									
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	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	Not req.								
Hazard Marker At Bridge (Y/N)	Yes								
Remarks	4 corners								
Other Sign Types									

Utilities (Located at)										
Utility Attachments	GAS UTILITIES-GAS LINE; TELEPHONE UTILITIES-PHONE LINE; POWER UTILITIES-POWER LINE									
Telephone	N & S ditch				Gas	crossing 60m W				
Power	N R&W				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
			Last	Now	Explanation of Condition				
Horizontal Alignment			7	7	Int 300m W, canal & farm accesses				
Vertical Alignment			9	9	4 corners				
Roadway Width (m)	10.100								
Approach Bump			7	7					
Guardrail (Y/N)	Yes		One broken post at NW						
Guardrail			8	3					
Length (m)	53.600		Not thriebeam						
Current Standard (Y/N)	No								
Termination Type	TURNED DOWN								
Drainage			9	9					
<b>Approach Road General Rating</b>			<b>7</b>	<b>7</b>					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>SC, 4 Spans, Lengths(m): 12.8-12.8-12.8-12.8, 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			8	8	A.C.P cracked over piers and abuts.
(Material Type : <b>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	Buffer angles-ACP covered
Bump (Y/N)		No			
Deck Drainage			8	8	No drains Drains off of the sides of the Girder
Drains Clogged (Y/N)					
Curbs/Median			X	X	
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)		0			
Bridge Rail			8	8	
(Type : <b>FLEX BEAM</b> )					
Bridge Rail Posts			8	8	
(Type : <b>GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			8	8	
(Type : )					
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			8	8	
Last Complete Inspection Date		08-Feb-2010			
Cracking (Y/N)		No			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : <b>36</b> )					
<b>Span Alignment Problems</b>					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
<b>Superstructure General Rating</b>			<b>8</b>	<b>8</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> )					
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			8	8	
(Type : <b>CONCRETE</b> )					
(Depth (mm) : <b>800</b> )					
(Width (mm) : <b>600</b> )					
Backwalls/Breastwalls			8	8	
Greatest Height (m)		0.80			
Wingwalls			8	8	
(Total Number of Bearing Piles : <b>7:7</b> )					
Piles Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	14	0	0	0	
Piles			N	N	
Paint/Coating			X	X	
Abutment Stability			9	9	
Scour/Erosion			8	8	
<b>Piers/Bents</b>					
(Type : <b>PIER-COLUMN</b> )					
(Total Number of Caps/Corbels : <b>1:1:1</b> )					
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			8	8	
(Type : <b>CONCRETE</b> )					
(Depth (mm) : <b>600</b> )					
(Width (mm) : <b>600</b> )					
(Total Number of Bearing Piles : <b>7:7:7</b> )					
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	
Pier Shaft/Piles			8	8	
Greatest Height (m)		6.00			
Bracing/Struts/Sheathing			8	8	
Nose Plate			X	X	
Paint/Coating			8	8	
(Colour Description : )					
(Colour Code : )					

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		9	9	
Scour		8	N	Iced over
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>8</b>	<b>8</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : <b>N</b> )				
(D/S Direction : <b>S</b> )				
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Curb)	3.5			
Drift (Y/N)	No			
Slope Protection		8	8	
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening		8	9	
(Fish Compensation Measure 1 : <b>NONE</b> )				
(Fish Compensation Measure 2 : <b>NONE</b> )				
<b>Channel General Rating</b>		<b>8</b>	<b>8</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
REPAIR/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	2010	Replace guardrail post at N.W.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>88.9/88.9</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>91.8/77.5</b>	Est. Repl. Yr	2064	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	Tim Davies		Previous Assistant's Name				
Next Inspection Date	08-May-2013		Previous Inspection Date	23-Jan-2007			
Inspection Cycle (Default) (months)	39						
Comment							