

Bridge Inspection										
Bridge File Number	77738 -1 Bridge				Form Type	PCS				
Year Built/Year Supstr	1980/1980				Lot No.	4				
Bridge or Town Name	COUNTESS				Inspector Name	Tom Carey				
Located Over	MATZHIWIN CREEK, 3.15, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	862:02 C1 3.719				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	10-Feb-2010				
Legal Land Location	SW SEC 25 TWP 21 RGE 17 W4M				Data Entry By	Erin Roberts				
Longitude, Latitude	-112:14:37, 50:48:36				Data Entry Date	08-Mar-2010				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts				
Contract Main. Area	CMA23				Review Date	24-Feb-2010				
Clear Roadway/Skew	10.1 /				Dept. Reviewer Name	Lorenz Bohnert				
AADT/Year	240 / 2008 (A)				Dept. Review Date	09-Mar-2010				
Road Classification	RLU-208G-90				Follow-Up By					
Detour Length (km)	8									
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member			
Design Loading:	MS23						----> 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	SE marker in wrong location- 2m from bridge								
Other Sign Types									

Utilities (Located at)										
Utility Attachments										
Telephone	west ditch				Gas					
Power	3 wire east ditch				Municipal					
Others					Problem (Y/N)	No				
Remarks										

Approach Road									
		Last	Now	Explanation of Condition					
Horizontal Alignment		9	9	New guardrail					
Vertical Alignment		8	8						
Roadway Width (m)	7.700								
Approach Bump		7	7						
Guardrail (Y/N)	Yes								
Guardrail		3	7						
Length (m)	15.000								
Current Standard (Y/N)	No								
Termination Type	TURN DOWN								
Drainage		4	7						
<b>Approach Road General Rating</b>		<b>8</b>	<b>8</b>						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : <b>SM, 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			X	X	
(Material Type : )					
(Thickness (mm) : )					
Lateral Connection Problem (Y/N)					
Deck Top			5	5	Pitted from gravel
Deck Rideability			7	7	
Deck Joints			5	5	
Bump (Y/N)		No			
Deck Drainage			6	6	NO DECK DRAINS
Drains Clogged (Y/N)		No			
Curbs/Median			6	7	vertical cracks 200mm apart- Hairline
(Curb Type : <b>Standard</b> )					
Scaling (Percent Area)		0			
Bridge Rail			7	7	Tube rail
(Type : <b>BRIDGE TUBE</b> )					
Bridge Rail Posts			7	7	
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating			7	7	
(Type : )					
Sidewalk			X	X	
<b>Girder Detail Ratings</b>					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	0	0	0	0	
<b>Now</b>	0	0	0	0	
Girders			5	7	Typical diag crk on NW curb gird bot- hairline hairline long crk on most gird
Last Complete Inspection Date					
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : <b>9</b> )					
<b>Span Alignment Problems</b>					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
<b>Superstructure General Rating</b>			<b>5</b>	<b>7</b>	

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
<b>Abutments</b>						
(Extended Backwall Piles (Y/N) : Y)				previous bridge abutment used for erosion protection -N. planks broken.		
(Extended Backwall Piles Spacing (mm) : )						
(Total Number of Caps/Corbels : 3:3)						
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			7			7
(Type : TREATED TIMBER)						
(Depth (mm) : 300)						
(Width (mm) : 350)						
Backwalls/Breastwalls			7	7		
Greatest Height (m)		2.20				
Wingwalls			7	7		
(Total Number of Bearing Piles : 0:0)						
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			7	7		
Paint/Coating			X	X		
Abutment Stability			7	7		
Scour/Erosion			8	N	Ice	
<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>	0	0	0	0		
<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>	0	0	0	0		
<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>7</b>	<b>7</b>	
Structure Usage				
		Last	Now	Explanation of Condition
<b>Channel</b>				
(U/S Direction : )				
(D/S Direction : )				
Alignment		6	6	
Bank Stability		8	N	Snow
HWM (m below Top of Curb)				
Drift (Y/N)	No			
Slope Protection (Type : )		7	N	Snow
Guidebank/Spurs		X	X	
Adequacy of Opening		8	8	
(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>	GR carried

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							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>66.7/77.8</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>68.4/73.4</b>	Est. Repl. Yr	2023	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	Tim Davies		Previous Assistant's Name				
Next Inspection Date	10-May-2013		Previous Inspection Date	02-Feb-2007			
Inspection Cycle (Default) (months)	39						
Comment							