

Bridge Inspection										
Bridge File Number	08246 -2 Bridge				Form Type	PCS				
Year Built/Year Supstr	2001/2001				Lot No.	4				
Bridge or Town Name	BOYLE				Inspector Name	Eric Carcoux				
Located Over	FLAT CREEK, 8.11.55.5.8, WATERCRS-ST				Inspector Class	BR CLS A				
Located On	63:01 C1 17.266				Assistant Name					
Water Body Cl./Year					Assistant Class					
Navigabil. Cl./Year					Inspection Date	13-Jan-2012				
Legal Land Location	SE SEC 2 TWP 65 RGE 20 W4M				Data Entry By	Theresa Lacusta				
Longitude, Latitude	-112:54:25, 54:35:14				Data Entry Date	17-Jan-2012				
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Arnold Assenheimer				
Contract Main. Area	CMA07				Review Date	16-Jan-2012				
Clear Roadway/Skew	12.4 /				Dept. Reviewer Name	Brent Herrick				
AADT/Year	3,390 / 2010 (A)				Dept. Review Date	18-Jan-2012				
Road Classification	RAU-211.8-110				Follow-Up By					
Detour Length (km)	5									
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	EB	At Junction (Y/N)		In Advance (Y/N)				At Bridge (Y/N)	
Posted:	Lane	WB	At Junction (Y/N)		In Advance (Y/N)				At Bridge (Y/N)	
Remarks	nOT REQUIRED									
Hazard Marker At Bridge (Y/N)	No									
Remarks										
Other Sign Types										
Utilities (Located at)										
Utility Attachments										
Telephone					Gas					
Power					Municipal					
Others					Problem (Y/N)	No				
Remarks										
Approach Road										
			Last	Now	Explanation of Condition					
Horizontal Alignment			6	6	Field & farm entrances each way. Limited sight distances.					
Vertical Alignment			7	7						
Roadway Width (m)	10.400									
Approach Bump			6	6						
Guardrail (Y/N)	Yes				Improper lap of "michigan shoe" at NE and SW.					
Guardrail			4	5						
Length (m)	48.000									
Current Standard (Y/N)	Yes									
Termination Type	Turn Down									
Drainage			4	5	Excess chipseal rock along rail.-photo					
Approach Road General Rating			6	6						

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : SCC, 1 Spans, Lengths(m): 16, 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					
Wearing Surface			6	6	(Narrow transverse cracks @ avg 800mm spacing. 15/Aug/2006) Chip seal coat over concrete overlay.
(Material Type :)					
(Thickness(mm) :)					
Lateral Connection Problem (Y/N)		No			
Deck Top			X	X	
Deck Rideability			8	8	
Deck Joints			N	N	Covered by chipseal coat.
Bump (Y/N)		No			
Deck Drainage			4	5	
Drains Clogged (Y/N)		Yes			
Curbs/Median			6	6	Typical shrinkage cracks. Transverse cracking. SCALING ON TOP SURFACE.
(Curb Type : Standard)					
Scaling (Percent Area)		5			
Bridge Rail			8	7	
(Type : GALVANIZED STEEL BRIDGE TUBE)					
Bridge Rail Posts			8	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)					
Bridge Rail/Posts Coating			8	7	
(Type : GALVANIZED)					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Girders			7	5	Hairline diagnal (SM TYPE) cracks on several girders, less than 0.5m long.
Last Complete Inspection Date		13-Jan-2012			
Cracking (Y/N)		Yes			
Spalling (Percent Area)		0			
Lift or Connector Pocket Grouted (Y/N)		Yes			
(Number Of Girders : 11)					
Span Alignment Problems					
Vertical (Y/N)		No			
Horizontal (Y/N)		No			
Superstructure General Rating			7	5	

Substructure							
Bridge Component				Last	Now	Explanation of Condition	
Abutments							
(Extended Backwall Piles (Y/N) :)							
(Extended Backwall Piles Spacing(mm) :)							
(Total Number of Caps/Corbels : :)							
Concrete abutment.							
Bearing Seats/Caps/Corbels Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Bearing Seats/Caps/Corbels				8	7	25mm neoprne strip.	
(Type : CONCRETE)							
(Depth(mm) :)							
(Width(mm) :)							
Backwalls/Breastwalls				8	7		
Greatest Height (m)		1.60					
Wingwalls				7	7		
(Total Number of Bearing Piles : 0:0)							
Piles Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)		Piles encased in concrete abutment.	
Last	100	0	0	0			
Now	100						
Piles				N	N		
Paint/Coating				5	5		
Abutment Stability				8	7		
Scour/Erosion				8	7		
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 :)							
Pier Stability				X	X		

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		8	7	
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : S)				
(D/S Direction : N)				
Alignment		8	7	
Bank Stability		8	7	
HWM (m below Top of Curb)				
Drift (Y/N)	No			
Slope Protection		7	7	
(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		7	7	

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							
Structural Condition Rating (Last/Now) (%)	83.3/66.7	Sufficiency Rating (Last/Now) (%)	73.1/64.1	Est. Repl. Yr	2064	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	Arnold Assenheimer		Previous Assistant's Name	Todd Warshawski			
Next Inspection Date	13-Oct-2013		Previous Inspection Date	02-Mar-2010			
Inspection Cycle (Default) (months)	21						
Comment							