

Bridge Inspection										
Bridge File Number	85010 -1 Bridge					Form Type	SG			
Year Built/Year Supstr	2011/2011					Lot No.	4			
Bridge or Town Name						Inspector Name	Eric Carcoux			
Located Over	216:06 L1 15.687;216:06 R1 15.634					Inspector Class	BR CLS A			
Located On	LOCAL ROAD					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	24-Feb-2013			
Legal Land Location	NW SEC 17 TWP 52 RGE 25 W4M					Data Entry By	Theresa Lacusta			
Longitude, Latitude	-113:39:36, 53:29:39					Data Entry Date	20-Mar-2013			
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Stew Hagan			
Contract Main. Area	ANTHONY HENDAY DRIVE					Review Date	20-Mar-2013			
Clear Roadway/Skew	28.9 /					Dept. Reviewer Name	Brent Herrick			
AADT/Year						Dept. Review Date	22-Mar-2013			
Road Classification	RFD-820.8-110					Follow-Up By				
Detour Length (km)										
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member			
Design Loading:						----> Primary Span				

Posting Information												
Required Vert. Clearance Posting (m)												
Posted Vertical Clearance (Y/N)		Yes										
Posted:	Lane	NB	On Bridge (m)	5.8	In Advance (Y/N)	Yes	Lane	SB	On Bridge (m)	5.6	In Advance (Y/N)	Yes
Remarks		6.0m East side of NBL, 5.6m W side NBL.										
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												

Hazard Marker At Bridge (Y/N)	Yes											
Remarks	Hazard markers on crash cushion guardrail terminations.											
Other Sign Types												

Utilities (Located at)												
Utility Attachments												
Telephone						Gas						
Power	6 wire OH E r/w.					Municipal						
Others	OH lights on curbs.					Problem (Y/N)						
Remarks	Pedestals at SW, OH lights in median.											

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment			7	
Vertical Alignment			7	
Roadway Width (m)				
Approach Bump			7	
Guardrail (Y/N)	Yes			
Guardrail			7	
Length (m)	15.000			
Current Standard (Y/N)	Yes			
Termination Type	Crash cushion			
Drainage			7	
<b>Approach Road General Rating</b>			<b>7</b>	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : <b>WG, 3 Spans, Lengths(m): 44.008-45.808-32.906, 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>				
<b>Now</b>				
Wearing Surface			7	
(Material Type : <b>ACP</b> )				
(Thickness(mm) : <b>90</b> )				
Deck Top			X	
Deck Rideability			7	
Deck Joints			7	
Temperature (deg. C)	-3			
(Expansion Type : <b>TYPE 1 STRIP SEAL</b> )				
(Fixed Type : )				
Gap Size (mm)		Gap Location		
43		W abut		
55		E abut		
Deck Drainage			7	
Drains Clogged (Y/N)	No			
Curbs/Median			7	
(Curb Type : <b>SINGLE SLOPE CONCRETE BARRIER</b> )				
Scaling (Percent Area)				
Bridge Rail			7	Southside only
(Type : )				
Bridge Rail Posts			7	
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )				
Bridge Rail/Posts Coating			7	
(Type : <b>GALVANIZED</b> )				
Sidewalk			7	
<b>Girder/Beam</b>				
Cover Plate			X	
Flange			7	
Web			7	
Stiffeners			7	
Splice			7	
Weld			7	
Diaphragms/Cross Frame			7	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : <b>WG, 3 Spans, Lengths(m): 44.008-45.808-32.906, A-Ident Number: )</b>				
Paint Condition			X	weathering steel
(Colour Description : )				
(Colour Code : )				
Touchup Required (Y/N)	No			
Bearings			7	integral abutments.
Temperature (deg. C)	-3			
(Expansion Type : <b>POT BEARING</b> )				
(Fixed Type : )				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			7	
Stains (Percent Area)				
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>			<b>7</b>	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps			7	
(Type : <b>CONCRETE</b> )				
Backwalls/Breastwalls			7	
Wingwalls			7	
Piles			N	
Paint/Coating			7	
Abutment Stability			7	
Scour/Erosion			7	
<b>Piers/Bents</b>				
(Type : <b>PIER-COLUMN</b> )				5 concrete shafts at each pier.
Bearing Seats/Caps			7	
(Type : <b>CONCRETE</b> )				
(Total Number of Bearing Piles : <b>56:56</b> )				
Pier Shaft/Piles			7	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			7	
(Colour Description : )				
(Colour Code : )				
Pier Stability			7	
Scour			7	
Debris (Y/N)	No			
<b>Substructure General Rating</b>			<b>7</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment			7	
Traffic Safety Features			X	
Type				
Slope Protection			7	
(Type : <b>CONCRETE; CONCRETE</b> )				
Bank Stability			7	
Drainage			7	
<b>Grade Separation General Rating</b>			<b>7</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
RETROFIT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
REPAINT SUPERSTRUCTURE							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>/77.8</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>/67.3</b>	Est. Repl. Yr	2086	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			Previous Assistant's Name				
Next Inspection Date	24-Nov-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	21						
Comment							