

Bridge Inspection										
Bridge File Number	85011 -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 14.093;216:06 R1 14.051					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 8 TWP 52 RGE 25 W4M					Data Entry By	Theresa Lacusta			
Longitude, Latitude	-113:39:30, 53:28:48					Data Entry Date	22-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	32.8 /					Dept. Reviewer Name	Brent Herrick			
AADT/Year						Dept. Review Date	26-Mar-2013			
Road Classification	RFD-820.8-110					Follow-Up By				
Detour Length (km)										
Allowable Load (t):	Single	CS1 28			Semi	CS2 49		Train	CS3 62	----> On Critical Spans ---->Critical Member
Design Loading:	CL800					----> Primary Span				

Posting Information												
Required Vert. Clearance Posting (m)												
Posted Vertical Clearance (Y/N)												
Posted:	Lane	NB	On Bridge (m)	5.6	In Advance (Y/N)	Yes	Lane	SB	On Bridge (m)	5.8	In Advance (Y/N)	Yes
Remarks												
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 required												

Hazard Marker At Bridge (Y/N)	Yes											
Remarks												
Other Sign Types	Information											

Utilities (Located at)												
Utility Attachments												
Telephone						Gas						
Power	14 line OH East r/w.					Municipal						
Others	Street lights					Problem (Y/N)	No					
Remarks												

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment			7	Measured in area of two lane divided, past ramps.
Vertical Alignment			7	
Roadway Width (m)	23.500			
Approach Bump			7	
Guardrail (Y/N)	Yes			
Guardrail			7	
Length (m)	27.000			
Current Standard (Y/N)	Yes			
Termination Type	Crash cushion			
Drainage			7	
Approach Road General Rating			7	

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : WG, 2 Spans, Lengths(m): 50-50, 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					7	
(Material Type : ACP)						
(Thickness(mm) : 90)						
Deck Top					X	
Deck Rideability					7	
Deck Joints					7	
Temperature (deg. C)	-2					
(Expansion Type :)						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
72		W abut.				
80		E abut.				
Deck Drainage						
Drains Clogged (Y/N)		No				7
Curbs/Median						
						6
(Curb Type : SINGLE SLOPE CONCRETE BARRIER)						
Scaling (Percent Area)		0				
Medium vertical cracks with efflorescence at 3m spacing S curb. Cracking on N curb fascia.						
Bridge Rail						
						7
(Type :)						
Bridge Rail Posts						
						7
(Type :)						
Bridge Rail/Posts Coating						
						7
(Type :)						
Sidewalk						
						7
Girder/Beam						
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 : WG, 2 Spans, Lengths(m): 50-50, A-Ident Number:)				
Paint Condition			X	weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			7	Integral abutments
Temperature (deg. C)	-2			
(Expansion Type :)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			7	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			7	
(Type : CONCRETE)				
Backwalls/Breastwalls			6	Cracking with efflorescence at East backwall cold joint.
Wingwalls			6	Cracking with efflorescence at SW.
Piles			N	
Paint/Coating			7	
Abutment Stability			7	
Scour/Erosion			7	
Piers/Bents				
(Type : PIER-COLUMN)				
Bearing Seats/Caps			7	
(Type : CONCRETE)				
(Total Number of Bearing Piles : 48)				7 colums above ground.
Pier Shaft/Piles			7	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			7	beige
(Colour Description :)				
(Colour Code :)				
Pier Stability			7	
Scour			7	
Debris (Y/N)	No			
Substructure General Rating			7	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	
Traffic Safety Features			X	
Type				
Slope Protection			6	Wide horizontal cracking at lower section of West headslopes.
(Type : CONCRETE; CONCRETE)				
Bank Stability			5	
Drainage			5	
Grade Separation General Rating			5	

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							
Structural Condition Rating (Last/Now) (%)	/77.8	Sufficiency Rating (Last/Now) (%)	/67.4	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							