

Bridge Inspection										
Bridge File Number	85013 -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 11.666;216:06 R1 11.653					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 4 TWP 52 RGE 25 W4M					Data Entry By	Theresa Lacusta			
Longitude, Latitude	-113:37:55, 53:27:59					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	24.2 / 6 deg. (RHF)					Dept. Reviewer Name	Brent Herrick			
AADT/Year						Dept. Review Date	26-Mar-2013			
Road Classification	RFD-820.8-130					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)		Lane	SB	On Bridge (m)	5.8	In Advance (Y/N)	Yes
Remarks	5.6 over NBL West lane, 5.2m NBL over East lane.											
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)			At Bridge (Y/N)	No		
Remarks	Not required											

Hazard Marker At Bridge (Y/N)	No											
Remarks												
Other Sign Types	Information											

Utilities (Located at)												
Utility Attachments												
Telephone						Gas						
Power						Municipal						
Others	Street lights					Problem (Y/N)	No					
Remarks												

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)	12.000			
Current Standard (Y/N)	Yes			
Termination Type	Terminal End			
Drainage			7	
Approach Road General Rating			7	

Superstructure							
Bridge Component				Last	Now	Explanation of Condition	
(Primary Span : WG, 2 Spans, Lengths(m): 49.025-66.037, 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					5	Wide cracks at approach slabs.	
(Material Type : ACP)							
(Thickness(mm) : 90)							
Deck Top					N		
Deck Rideability					7		
Deck Joints					7		
Temperature (deg. C)							
(Expansion Type :)							
(Fixed Type :)							
Gap Size (mm)		Gap Location					
78		W abut					
50		E abut					
Deck Drainage							
Drains Clogged (Y/N)				No		7	
Curbs/Median					7	Median covered in snow and gravel.	
(Curb Type : SINGLE SLOPE CONCRETE BARRIER)							
Scaling (Percent Area)							
Bridge Rail					7		
(Type :)							
Bridge Rail Posts					X		
(Type :)							
Bridge Rail/Posts Coating					X		
(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): 49.025-66.037, A-Ident Number:)				
Paint Condition			X	weathering steel
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings			7	
Temperature (deg. C)	0			
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : POT BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			6	Transverse crack with efflorescence between G3 & 4, SP1.
Stains (Percent Area)	1			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			6	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			7	
(Type : CONCRETE)				
Backwalls/Breastwalls			7	
Wingwalls			6	
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 : 6)				6 columns
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				
Bridge Component		Last	Now	Explanation of Condition
Substructure General Rating			7	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	
Traffic Safety Features			X	
Type				
Slope Protection			7	
(Type : CONCRETE; CONCRETE)				
Bank Stability			7	
Drainage			7	
Grade Separation General Rating			7	

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) (%)	/72.2	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							