

Bridge Inspection																				
Bridge File Number	81038 S1-6 Bridge					Form Type	PSR													
Year Built/Year Supstr	2011/2011					Lot No.	3													
Bridge or Town Name	ANTHONY HENDAY DRIVE (HWY 216) SB OVER STONEY PLAIN ROAD					Inspector Name	Wade Nanninga													
						Inspector Class	BR CLS A													
Located Over	STONY PLAIN ROAD (LOCAL RD)					Assistant Name														
Located On	216:06 L1 20.910					Assistant Class														
Water Body Cl./Year						Inspection Date	24-Jan-2013													
Navigabil. Cl./Year						Data Entry By	Theresa Lacusta													
Legal Land Location	NW SEC 32 TWP 52 RGE 25 W4M					Data Entry Date	16-Feb-2013													
Longitude, Latitude	-113:39:34, 53:32:28					Reviewer Name	Eric Carcoux													
Road Authority	Alberta Transportation (AIT)					Review Date	27-Jan-2013													
Contract Main. Area	ANTHONY HENDAY DRIVE					Dept. Reviewer Name	Brent Herrick													
Clear Roadway/Skew	26.2 /					Dept. Review Date	27-Feb-2013													
AADT/Year	46,170 / 2011 (A)					Follow-Up By														
Road Classification	RFD-616.6-110																			
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	WB	On Bridge (m)	5.4	In Advance (Y/N)	Yes	Lane	EB	On Bridge (m)		In Advance (Y/N)									
Remarks	Posted on NB structure.																			
Required Load Posting (t)			Single		Semi		Truck Train													
Posted Loading (t)			Single		Semi		Truck Train													
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No												
Posted:	Lane	NB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)													
Remarks																				
Hazard Marker At Bridge (Y/N)		Yes																		
Remarks																				
Other Sign Types		Merge																		
Utilities (Located at)																				
Utility Attachments																				
Telephone						Gas														
Power						Municipal	Street lights													
Others						Problem (Y/N)	No													
Remarks																				
Approach Road																				
			Last	Now	Explanation of Condition															
Horizontal Alignment				7	Typical grade separation															
Vertical Alignment				7																
Roadway Width (m)		21.000			estimated															
Approach Bump				6	Minor settled approaches															
Guardrail (Y/N)		Yes																		
Guardrail				8	11.3 @ SW/SE 57.0 @ NW/NE															
Length (m)		11.300																		
Current Standard (Y/N)		Yes																		
Termination Type		FLEAT																		
Drainage				8																
Approach Road General Rating				7																

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : NU, 1 Spans, Lengths(m): 51.36, 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	10.0				
Wearing Surface			8		
(Material Type : ACP)					
(Thickness(mm) : 90)					
Lateral Connection Problem (Y/N)		No			
Deck Top			N		
Deck Rideability			8		
Deck Joints			4	Water staining on abutments from possible joint leakage.	
Temperature (deg. C)		-5			
(Expansion Type : TYPE 1 STRIP SEAL)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
90		S abut			
Deck Drainage			8		
Drains Clogged (Y/N)		No			
Curbs/Median			8		
(Curb Type : SINGLE SLOPE CONCRETE BARRIER)					
Scaling (Percent Area)					
Bridge Rail			X		
(Type :)					
Bridge Rail Posts			X		
(Type :)					
Bridge Rail/Posts Coating			X		
(Type :)					
Sidewalk			N	Covered in snow/ice.	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
Last					
Now					
Girders			8		
Cracking (Y/N)		No			
Spalling (Percent Area)					
(Number Of Girders : 14)					
Diaphragms/Cross Frame			9		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : NU, 1 Spans, Lengths(m): 51.36, A-Ident Number:)				
Bearings			8	Viewed with binoculars.
Temperature (deg. C)	-5			
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside			8	
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating			8	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps			9	
(Type : CONCRETE)				
Backwalls/Breastwalls			8	
Wingwalls			9	
Piles			N	
Paint/Coating			9	
Abutment Stability			8	
Scour/Erosion			8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps			X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles			X	
Bracing/Struts/Sheathing			X	
Nose Plate			X	
Paint/Coating			X	
(Colour Description :)				
(Colour Code :)				
Pier Stability			X	
Scour			X	
Debris (Y/N)	No			
Substructure General Rating			8	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			9	
Traffic Safety Features			9	
Type	Delinators/lights			
Slope Protection			8	
(Type : CONCRETE; CONCRETE)				
Bank Stability			8	
Drainage			8	
Grade Separation General Rating			8	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK							
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS	2013	Flood joints and investigate leaking.					
RESET/ PAINT BEARINGS							
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) (%)	/88.9	Sufficiency Rating (Last/Now) (%)	/71.2	Est. Repl. Yr	2085	Maint. Req. (Y/N)	Yes
Special Comments for Next Inspection	Monitor girders.		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-Oct-2014		Previous Inspection Date				
Inspection Cycle (Default) (months)	21						
Comment							