

Bridge Inspection										
Bridge File Number	82403 S-2 Bridge					Form Type	PSR			
Year Built/Year Supstr	2009/2009					Lot No.	3			
Bridge or Town Name						Inspector Name	Garry Roberts			
Located Over	SCENIC ACRES LINK WESTBOUND;SCENIC ACRES LINK EASTBOUND					Inspector Class	BR CLS A			
Located On	201:08 L1 4.514					Assistant Name				
Water Body Cl./Year						Assistant Class				
Navigabil. Cl./Year						Inspection Date	16-Aug-2011			
Legal Land Location	NW SEC 9 TWP 25 RGE 2 W5M					Data Entry By	Alyssa Boynton			
Longitude, Latitude	-114:13:51, 51:07:05					Data Entry Date	09-Sep-2011			
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Tom Carey			
Contract Main. Area	DEERFOOT/STONE Y					Review Date	24-Aug-2011			
Clear Roadway/Skew	20.8 / -10 deg. (LHF)					Dept. Reviewer Name	Tim Davies			
AADT/Year	32,110 / 2010 (A)					Dept. Review Date	16-Sep-2011			
Road Classification						Follow-Up By				
Detour Length (km)	1									
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)	UNDER: SCENIC ACRES LINK EASTBOUND 7.2m, SCENIC ACRES LINK WESTBOUND 7.3m										
Posted Vertical Clearance (Y/N)	Yes										
Posted:	Lane	EB	On Bridge (m)	5.4	In Advance (Y/N)	No	Lane	WB	On Bridge (m)	In Advance (Y/N)	No
Remarks	Not req. W/B as posted on N/B bridge										
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 req.										
Hazard Marker At Bridge (Y/N)	No										
Remarks	Not req.										
Other Sign Types											

Utilities (Located at)									
Utility Attachments									
Telephone	In area				Gas				
Power	In area and under deck				Municipal				
Others	Light standards				Problem (Y/N)		No		
Remarks									

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		7	7	134 m at north approach end.
Vertical Alignment		7	7	
Roadway Width (m)	20.000			
Approach Bump		8	7	
Guardrail (Y/N)	Yes			
Guardrail		3	8	
Length (m)	26.000			
Current Standard (Y/N)	Yes			
Termination Type	Attenuation end			
Drainage		7	7	
Approach Road General Rating		7	7	

Superstructure							
Bridge Component		Last	Now	Explanation of Condition			
(Primary Span : NU, 1 Spans, Lengths(m): 48, A-Ident Number:)							
Special Features							
Special Feature			X				
(Type :)							
Special Feature			X				
(Type :)							
Wearing Surface/Deck Top Detail Ratings							
	N (%)	1 (%)	2 (%)	3 (%)			
Last	0	0	0	0			
Now	0.0	0.0	0.0	0.0			
Wearing Surface			8	8			
(Material Type : ACP)							
(Thickness(mm) : 90)							
Lateral Connection Problem (Y/N)		No					
Deck Top			N	N	Buried.		
Deck Rideability			9	8			
Deck Joints			9	8			
Temperature (deg. C)		23					
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))							
(Fixed Type :)							
Gap Size (mm)		Gap Location					
38		N Abut-2					
Deck Drainage			8	8			
Drains Clogged (Y/N)		No					
Curbs/Median			9	8			
(Curb Type : JERSEY/F SHAPE)							
Scaling (Percent Area)		0					
Bridge Rail			X	X			
(Type :)							
Bridge Rail Posts			X	X			
(Type :)							
Bridge Rail/Posts Coating			X	X			
(Type :)							
Sidewalk			4	4	Sidewalk and galv. ped rail at south headslope. Missing 1 A/B at post base under G4.		
Girder Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last	0	0	0	0			
Now	0	0	0	0			
Girders			8	7	Typ. North West cracks marked from previous level 2 inspection.		
Cracking (Y/N)		Yes					
Spalling (Percent Area)		0					
(Number Of Girders : 6)							
Diaphragms/Cross Frame			8	8	Galv. steel		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : NU, 1 Spans, Lengths(m): 48, A-Ident Number:)				
Bearings		4	8	
Temperature (deg. C)	23			
(Expansion Type : POT BEARING)				
(Fixed Type :)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	8	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		8	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		9	8	MSE wall at Abut.1
(Type : CONCRETE)				
Backwalls/Breastwalls		9	8	Pidgeon wire has gap at center of South abutment.
Wingwalls		9	8	
Piles		N	N	Buried
Paint/Coating		8	8	
Abutment Stability		9	9	
Scour/Erosion		9	8	
Piers/Bents				
(Type :)				
Bearing Seats/Caps		X	X	
(Type :)				
(Total Number of Bearing Piles :)				
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description :)				
(Colour Code :)				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		9	8	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	

Structure Usage				
		Last	Now	Explanation of Condition
Traffic Safety Features		8	8	
Type	Center median			
Slope Protection		9	9	
(Type : CONCRETE; CONCRETE)				
Bank Stability		8	8	
Drainage		8	8	
Grade Separation General Rating		9	7	

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							
RESET/ PAINT BEARINGS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2011	Patch pidgeon wire at South abutment.					
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	94.4/83.3	Sufficiency Rating (Last/Now) (%)	83.5/66.3	Est. Repl. Yr	2081	Maint. Req. (Y/N)	Yes
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	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	16-May-2013		Previous Inspection Date	19-Nov-2009			
Inspection Cycle (Default) (months)	21						
Comment							