

Bridge Inspection												
Bridge File Number	77198 -1 Bridge					Form Type	CON					
Year Built/Year Supstr	1970/1970					Lot No.	4					
Bridge or Town Name	CALGARY - 64 AVENUE					Inspector Name	Garry Roberts					
Located Over	2:15 R1 40.473;2:15 L1 40.573;RAMP 4087-1 B					Inspector Class	BR CLS A					
Located On	10251:02 R1 0.088;10251:02 L1 0.088					Assistant Name						
Water Body Cl./Year						Assistant Class						
Navigabil. Cl./Year						Inspection Date	09-Jan-2013					
Legal Land Location	NW SEC 2 TWP 25 RGE 1 W5M					Data Entry By	Lauren Korte					
Longitude, Latitude	-114:02:52, 51:06:38					Data Entry Date	28-Jan-2013					
Road Authority	Alberta Transportation (AIT)					Reviewer Name	Tom Carey					
Contract Main. Area	DEERFOOT/STONEV					Review Date	17-Jan-2013					
Clear Roadway/Skew	22.3 /					Dept. Reviewer Name	Tim Davies					
AADT/Year	31,233 / 2001 (E)					Dept. Review Date	29-Jan-2013					
Road Classification	RLU-208-100					Follow-Up By						
Detour Length (km)	10											
Allowable Load (t):	Single	CS1 28			Semi	CS2 49			Train	CS3 62		----> On Critical Spans ---->Critical Member
Design Loading:											----> Primary Span	

Posting Information												
Required Vert. Clearance Posting (m)			UNDER: 2 L1 5.2m, 2 R1 5.2m									
Posted Vertical Clearance (Y/N)												
Posted:	Lane	NB	On Bridge (m)	5.5	In Advance (Y/N)	No	Lane	SB	On Bridge (m)	5.8	In Advance (Y/N)	No
Remarks		N/B merge lane posted at 5.2m										
Required Load Posting (t)			Single		Semi			Truck Train				
Posted Loading (t)			Single		Semi			Truck Train				
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)			At Bridge (Y/N)				
Posted:	Lane	WB	At Junction (Y/N)		In Advance (Y/N)			At Bridge (Y/N)				
Remarks		Not required.										
Hazard Marker At Bridge (Y/N)		No										
Remarks												
Other Sign Types												

Utilities (Located at)			
Utility Attachments	TELEPHONE UTILITIES-PHONE LINE; POWER UTILITIES-POWER LINE		
Telephone			Gas
Power	All sides.		Municipal
Others	Light standards and under deck lighting.		Problem (Y/N) No
Remarks			

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		5	5	Ramps and controlled intersection at West. B2128 Deck on curve at North.
Vertical Alignment		7	7	
Roadway Width (m)		22.000		Parapets.
Approach Bump		7	7	
Guardrail (Y/N)		Yes		
Guardrail		7	7	
Length (m)		26.000		
Current Standard (Y/N)		Yes		
Termination Type		TURNDOWN		
Drainage		6	7	
Approach Road General Rating		5	5	

Superstructure						
Bridge Component		Last	Now	Explanation of Condition		
(Primary Span : CV, 2 Spans, Lengths(m): 35.4-43.6, 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	5.0	0.0	0.0	0.0		
Wearing Surface			8	8	New PMA in 2008.	
(Material Type : POLYMER MODIFIED ACP)						
(Thickness(mm) : 50)						
Deck Top			N	N	Paved over.	
Deck Rideability			8	8		
Deck Joints			8	8	New abut. joints in 2008	
Temperature (deg. C)		-3				
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
80		E abut				
75		W abut				
Deck Drainage			8	8		
Drains Clogged (Y/N)		No				
Curbs/Median			8	8	Parapets.	
(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			7	7	Pedestrian handrail.	
Girders			7	7	Voided slab.	
Diaphragms/Cross Frame			X	X		
Bearings			7	7	Integral at pier.	
Temperature (deg. C)		-3				
(Expansion Type : POT BEARING)						
(Fixed Type : POT BEARING)						
Coating Adequate (Y/N)		Yes				
Functioning (Y/N)		Yes				
Deck Underside			6	6	Full length efflorescence stain Sp.2 under median.	
Stains (Percent Area)		2				
Span Alignment Problems						
Vertical (Y/N)		No				
Horizontal (Y/N)		No				

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CV, 2 Spans, Lengths(m): 35.4-43.6, A-Ident Number:)				
Superstructure General Rating		6	6	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats		8	8	
Backwalls/Breastwalls		7	7	
Wingwalls		7	7	
Piles		N	N	Buried.
Paint/Coating		7	7	
Abutment Stability		8	8	
Scour/Erosion		7	7	
Piers/Bents				
(Type : PIER-COLUMN)				Integral at pier.
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Pier Shaft/Piles		8	8	
Nose Plate		X	X	
Paint/Coating		7	7	
(Colour Description :)				
(Colour Code :)				
Pier Stability		8	8	
Scour		X	X	
Debris (Y/N)	No			
Substructure General Rating		8	8	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	Curves both sides.
Traffic Safety Features		7	7	Also cable barrier at N/B median.
Type	STEEL MEDIAN			
Slope Protection		7	7	Retaining wall at West with narrow vertical cracks.
(Type : CONCRETE; CONCRETE)				
Bank Stability		7	7	
Drainage		7	7	
Grade Separation General Rating		7	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							
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) (%)	77.8/77.8	Sufficiency Rating (Last/Now) (%)	63.1/63.1	Est. Repl. Yr	2048	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	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	09-Oct-2014		Previous Inspection Date	11-Apr-2011			
Inspection Cycle (Default) (months)	21						
Comment							