Bridge Inspection																	
Bridge File Number 77173 E-1 Bridge									Form Type			SG					
Year Built/Year							Lot No.			2							
Supstr						Ins	Inspector Name			Garry Roberts							
Bridge or Town Name CALGARY - COUNTRY HI BOULEVARD				HILLLS	110			Inspector Class			BR CLS A						
Located Over 2:15 R1 45.932;2:15 L1 46.055								Assistant Name									
Located On			NTRY HILLS			·04 R	1 0 421	Ass	Assistant Class								
Water Body Cl./	Year	000.	******	2002	_ ,,,,,,		04 NT 0.421					07-Jan-2013					
Navigabil. Cl./Ye						Data Entry By						Lauren Korte					
Legal Land Location SW SEC 25 TWP				25 RGE 1 W5M				Dat	Data Entry Date			28-Jan-2013					
Longitude, Latitu								Reviewer Name			Tom Carey						
									Review Date			17-Jan-2013					
Contract Main. A	rea		RFOOT/STO					De	Dept. Reviewer Name			Tim Davies					
Clear Roadway/	Skew	8.5 / -	-44 deg. (LHI	=)				De	Dept. Review Date			29-Jan-2013					
AADT/Year		26,77	'0 / 2001 (E)	•				Fol	Follow-Up By								
Road Classificat	ion	RLU-2	208-100														
Detour Length (k	(m)	1															
Allowable Load (t): Sin	ngle			Semi				Train					> On Critical Spans >Critical Member		าร	
Design Loading:		F	HS20											> Primary S	Span		
						Po	osting I	nfori	mation								
Required Vert. C	learar	nce Po	sting (m)	UNDE	R: 2 L1	5.3m	n, 2 R1 5	2 R1 5.3m									
Posted Vertical (Cleara			Yes						1							
Posted: Lane	NB	Or	n Bridge (m)	5.4	In Adv	ance	(Y/N)	No	Lane	SB	0	n Bridge (m)		In Advance	(Y/N)	No	
Remarks																	
Required Load F		(t)		Single					Semi				Truck Train				
Posted Loading	(t)			Single					Semi				Truck Train				
Posted:	Lane	EE	3	At June	ction (Y	/N) No			In Adva	Advance (Y/N)		No	3 \ ,		No		
Posted:	Lane	WB At Junction (ction (Y	/N)	No		In Advance (Y			No	At Br	ridge (Y/N)	No		
Remarks Not required.																	
Hazard Marker At Bridge (Y/N) No																	
Remarks																	
Other Sign Type	S		40 km/h	@ ram	ıps												
Little Attackmen	T		IONE LITUR		IONE		ilities (Loca	ted at)								
Utility Attachmer	nts I	ELEPF	HONE UTILIT	IES-PF	HONE L	IINE		Ga									
Telephone											. ما مرما	-1- @ 05					
Power Others	Light	standa	urdo						nicipal			anhole @ SE.					
Remarks			leck lighting.					Problem (Y/N) No									
Remarks	Onde	iside d	eck lighting.				Approa	rch F	Poad								
						Last			olanatio	n of Co	ndit	tion					
Horizontal Alignment					6	6		Ramps - controlled intersections @ both ends.									
Vertical Alignment					6	6]										
Roadway Width (m) 8.500						A2	A2151										
Approach Bump				6	6												
Guardrail (Y/N) Yes					3	, ,	Wr	ong lan a	at South	า Fa	st and North	East	Missing 4 bolt	s at NV	V.		
Guardrail (1714)				4	4		t thriebea		u	J. G. G. 1401111	_401.	oonig + boil	- at 147	••			
Length (m)			11.400														
Current Standard (Y/N)			No														
			TURND	OWN													
Drainage TORNDOWN						7	7										

•
espread.
st deck joint). Could not
nt shoulder lane, and at North
tops and soffits.
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			Supers	tructure						
Bridge Component		Last		Explanation of Condition						
(Primary Span : WG, 2 Spans	, Lengths(m): 5	7.9-57.9, A-Ide	nt Num	ber:)						
Diaphragms/Cross Frame		7	7							
Paint Condition		3	3	Corrosion @ bottom flange.						
(Colour Description : YELLO	DW)	, ,		gonesis (zonom mangon						
(Colour Code : 13538)										
Touchup Required (Y/N)	Yes									
Bearings		5	5	Only seen @ piers and partially at West abut. Too high to see &						
Temperature (deg. C)	-6			covered with wire.						
(Expansion Type : POT BEA	ARING)			20% Corrosions @ ones seen. Piles of pigeon crap covering bearings.						
(Fixed Type : POT BEARIN	•									
Coating Adequate (Y/N) No										
Functioning (Y/N)	Yes									
Deck Underside		4	4	Worst area has surface spall @ SE over lanes of HWY 2						
Stains (Percent Area)	20			Wide spread cracks & efflorescence at exteriors.						
Span Alignment Problems										
Vertical (Y/N)	No									
Horizontal (Y/N)	No									
Superstructure General Rati	ng	3	4							
			Subst	ructure						
Bridge Component		Last		Explanation of Condition						
Abutments			111011							
Bearing Seats/Caps		7	7	Abut seats are covered in pigeon crap and several dead pigeons.						
(Type : CONCRETE)		'								
Backwalls/Breastwalls		7	7							
Wingwalls		7	6	Stained at SE from joint leakage.						
Piles		N	N	Buried.						
Paint/Coating		5	5							
Abutment Stability		8	8							
Scour/Erosion		X	X							
Piers/Bents										
(Type : PIER-COLUMN)										
Bearing Seats/Caps		7	7							
(Type : CONCRETE)										
(Total Number of Bearing Pile	s : 3)									
Pier Shaft/Piles		7	7							
Bracing/Struts/Sheathing		X	X							
Nose Plate		Х	Х							
Paint/Coating		7	7							
(Colour Description :)				1						
(Colour Code :)										
Pier Stability		7	7							
Scour		X	Х							
Debris (Y/N)	No									

Substructure										
Bridge Component		Last	Now	Explanation of Condition						
Substructure General Rating		7	7							
			1							
		_ 3		re Usage						
		Last	Now	Explanation of Condition						
Grade Separation										
Road Alignment			7	Retaining walls @ both abutments.						
Traffic Safety Features			7							
Туре	Guardrail									
Slope Protection			7							
(Type : CONCRETE; CONCRETE)										
Bank Stability			7							
Drainage			7							
Grade Separation General Rating			7							

			Maintenand	ce Recommend	lations						
Inspector Recommendations	Year	Inspec	tor Comments		Department Com	ments		Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL											
GALVANIZE/PAINT BRIDGE RAIL											
RETROFIT BRIDGE RAIL											
SEAL CURBS											
PATCH DECK	2013		nd seal deck underside 6 E - over Hwy 2 lanes. Bla								
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS											
RESET/ PAINT BEARINGS											
REPAINT SUPERSTRUCTURE	2013	Touch	up girder bottoms.								
STRAIGHTEN/REPLACE MEMBERS											
WASHING	2013	Wash a crap.	abut seats - remove dead	d birds and							
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROSI	NC										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No. (%)	ow) 55.6/	61.1	Sufficiency Rating (L	_ast/Now)	53.9/57.2	Est. Repl. Yr	2030	Maint. Red	qd. (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 Robert	te		Provious	Assistant's Name						
Next Inspection Date	07-Oct-2014				Inspection Date 10-Apr-2011						
Inspection Cycle (Default) (months)	21			Tevious	mopeonon Date	10-Αρι-2011					
Comment	4 1										
Comment											