								Bridge	Ins	spectio	on							
Bridge File Num	ber	778	03 W-1	Bridge			<u> </u>			Form Type			PSR					
Year Built/Year			9/1979							Lot No.			1					
Supstr									_ <u> </u>	Inspec		ame		Garry Roberts				
Bridge or Town I	Name	CAL	GARY - ER NOS	- MEM SE CRE	ORIAL EK)	DRIVE	(AL	SO		Inspec				BR CLS A				
Located Over		CPF	₹							Assistant Name								
Located On		LOC	CAL RO	AD						Assistant Class								
Water Body Cl./	Year									Inspection Date			15-Jan-2013					
Navigabil. Cl./Ye									[Data Entry By			Kelsey Roberts					
Legal Land Loca		NW	SEC 13	3 TWP	24 RGI	E 1 W5	5M		[Data Entry Date			02-Feb-2013					
Longitude, Latitu		-114	4:01:14,	51:02:	55				F	Reviewer Name			Tom Carey					
Road Authority			erta Trar			IT)			F	Review Date			22-Jan-2013					
Contract Main. Area UNDEFINED CMA								Dept. Reviewer Name			Tim Davies							
Clear Roadway/Skew 15.2 /						[Dept. Review Date			04-Feb-2013	3							
AADT/Year 51,705 / 2001 (E)									-Up E	Зу								
Road Classificat	ion		J-208-10															
Detour Length (I	m)	6																
Allowable Load (t): Sin	gle	CS1 28	3		Sem	mi CS2 49			Train (CS	3 62		> On Critical Spans>Critical Member		
Design Loading:			HS25													> Primary Span		
ų į							P	osting	Inf	ormat	ion						·	
Required Vert. C	learar	ice P	Posting (m)														
Posted Vertical (Cleara	nce ((Y/N)		No													
Posted: Lane	NB	(On Bridg	ge (m)		In Adv	ance	(Y/N)	N	No Lane SB (0	n Bridge (m) In Advance (Y/N)			: (Y/N)	
Remarks	Not re	quire	ed.															
Required Load F	osting	(t)			Single					Se	mi				Trucl	k Train		
			Single					Semi					Truck Train					
Posted:	Lane		EB		At June	ction (Y/N) No			In Advance (Y/N)		′/N)	No	At Bridge (Y/N)		No		
Posted:	Lane	1	WB		At June	ction (Y/N)	No		In	Adva	nce (Y	′/N)	No At Bridge (Y/N) No			No	
Remarks	Not re	quire	ed.															
Hazard Marker A	At Brid	ge (Y	′/N) N	lo														
Remarks																		
Other Sign Type	s		8	0KM/H	R, MEF	RGE, F	ROUT	E, RA	MP :	50KM/	ΉR							
							U	tilities	(Lo	cated	at)							
Utility Attachmer	nts P	OWE	ER UTIL	ITIES-	POWE	R LINE												
Telephone	In are	а							(Gas								
Power	5 Wire	e at N	NE and 1	10 wire	under	span 3	3		ľ	Municipal Manhole at East appro				ole at East ap	proac	oach		
Others	Light	stand	dards						F	Problem (Y/N) No								
Remarks	Cond	uit at	West A	but														
										h Roa								
								Last Now Explanation of Condition 5 Curve at ramp and controlled intersection @ West. B4304							20.4			
Horizontal Aligni							5	5		Curve	at rai	mp and	d con	itrolled interse	ection	@ west. B43	304	
Vertical Alignme				F 000			6	6										
Roadway Width	(m)		1:	5.000			4											
Approach Bump			,,	,			4	6		D-			- 0 - 1	NE OF: "			(t: -	
Guardrail (Y/N)			Y	'es						Parape	ะเร. 1	m∠ spa	all at	INE. SE IS Off	set 80	Omm against t	таптс.	
Guardrail			7	0.000			3	3										
Length (m)	and AA	'N I'		0.000														
Current Standa	•	IN)		l IDND	O\4/\!													
Termination Ty	/pe			URND	OVVIN		6											
Drainage							6	6										
Approach Road	l Gene	eral F	Rating				5	5										

						Supers	tructure					
Bridge Comp	onent						Explanation of Condition					
(Primary Spa	n : PB, 4 Spar	ns, Len	gths(n	n): 22.9-22.9-	22.9-29	, A-Ide	nt Number:)					
Special Feat	ures											
Special Featu	ıre				X							
(Type:)												
Special Featu	ıre					Х						
(Type:)	·											
	ace/Deck Top	Detail F	Ratings	<u> </u>								
vvcaring carr	N (%)	1 (%)	tutilige	2 (%)	3 (%)		snow covered					
Last	0	· , ,)	0		0	30.01.00					
Now	30.0	0.		0.0).0						
Wearing Surface						7						
	/pe : POLYME	R MOL	DIFIFD	ACP)	7	,						
(Thickness)	•)II ILD	A01)								
	ection Problem		 No									
(Y/N)	ection Problem	1	NO									
Deck Top					N	N	Paved					
Deck Rideabi	litv				7	7						
	,											
Deck Joints	ro (do = C)		.		3	3	2m long section of seal out of extrusion at South end of East abut deck joint.					
Temperatur		3					Appears to have been reinstalled but still leaks.					
	Type : GLANI	D (WAE	3O-MA	UER, TRANS	FLEX,	ETC))						
(Fixed Type												
Gap Size (r	nm)		-	ocation								
65			E abu	t								
65			W abu	ut								
Deck Drainag	je				3	3	Actively Leaking onto Abut @ SE and causing scaling/ spalling.					
Drains Clog	ged (Y/N)	N	No									
Curbs/Mediar					3	3	Isolated spall cracks. Spalled at backside of approximately 12 post					
(Curb Type							locations and along tops.					
Scaling (Pe		1	10				Parapet curbs. Plastic rail and posts removed but open post holes.					
							40% snow covered.					
Bridge Rail					3	X						
(Type:)												
Bridge Rail P	osts				3	X						
(Type:)												
Bridge Rail/P	osts Coating				5	X						
(Type:)												
Sidewalk					Х	Х						
Girder Detail	Ratings											
	N (count)	1 (cou	nt)	2 (count)	3 (cou	ınt)	Sp.1-G1 has wide crack at underside at P1.					
Last	0	(()		0		0						
Now	0	(0	1	1						
Girders	-				4	3	Corrosion spalling and corrosion not at crack at Span 2 south ext					
Cracking (Y	′/N)	\	⁄es		r		girder. Spall with visible rebar at U/S of Sp 1 -G1 and Sp3 -G1.					
-	ercent Area)	C					Šp.1-G1 has minor high load scrape and chip.					
		·	,									
(Number Of C	JIIUCIS . 3)											

			Supers	tructure			
Bridge Component		Last		Explanation of Condition			
(Primary Span : PB, 4 Spans, Le	engths(m): 22.9-22.9-2	22.9-29		- ·			
Diaphragms/Cross Frame		7	7				
			-				
Bearings	_	6	6	Integral @ pier			
Temperature (deg. C)	3						
(Expansion Type : STEEL SLII PLATE IN BETWEEN)	DING PLATES WITH E	BRONZ	.E	Corrosion at exterior bearings.			
(Fixed Type :)	1	1		- Controller at exterior bearings.			
Coating Adequate (Y/N)	No						
Functioning (Y/N) Yes							
Deck Underside		6	5	Minor corrosion and some scaling at deck ext at South at span 3. at subdeck drains. Deck underside rates "7" other than this			
Stains (Percent Area)	2			subdeck drains. Deck underside rates "7" other than this			
Span Alignment Problems							
Vertical (Y/N)	No						
Horizontal (Y/N)	No						
Superstructure General Rating	ı	4	3				
			Subst	ructure			
Bridge Component		Last	Now	Explanation of Condition			
Abutments							
Bearing Seats/Caps		6	5	Isolated spall cracks at SE and NW			
(Type : CONCRETE)							
Backwalls/Breastwalls		6	6				
Wingwalls		5	5	Cracked and stained at NE			
Piles		N	N	Buried.			
Paint/Coating		5	5				
Abutment Stability		7	7				
Scour/Erosion		6	6				
Piers/Bents							
(Type : PIER-SOLID)				Integral @ piers			
Bearing Seats/Caps		8	8	integral & proto			
(Type : CONCRETE)							
(Total Number of Bearing Piles :	0:0:0)						
Pier Shaft/Piles		8	8				
Bracing/Struts/Sheathing		Х	X				
Nose Plate		Х	X				
Paint/Coating		6	5	Pigmontod coalor			
Paint/Coating (Colour Description :)		0	່ ວ	Pigmented sealer.			
(Colour Code :)							
Pier Stability		8	8				
Scour	1	7	7				
Debris (Y/N)	No						
Substructure General Rating		6	5				

		5	Structu	re Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment			7	Road & ped way under span 1. Path under Sp 2, Nose creek under sp 2-3, CPR under sp 4
Traffic Safety Features		5	5	
Туре	parapets			
Slope Protection		4	5	Gabions @ West abut
(Type : CONCRETE; CONCR	ETE)			170mm wide crack @ East - sealed cracked & heaved 100mm @SE
Bank Stability			5	
Drainage		7	7	
Grade Separation General Ra	ting	7	5	

Bridge Inspection & Maintenance System (Web 2005)

77803 W-1 Bridge

				Maintenance Red	commena	ations						
Inspector Recommendations	Y	Year	Inspector	Comments		Department Co		Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL	2	2013	Patch para	apet spalls approx 20m2. R parapet.	eset SE							
GALVANIZE/PAINT BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DECK JOINTS	2	2013	Replace on new deck	or re-install East abut joint g joint.	land or							
RESET/ PAINT BEARINGS	2	2013	Blast and	recoast exterior.								
WASHING												
SHOTCRETE REPAIRS												
REPAIR ABUTMENT SCOUR/EROS	ON											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION	2	2013	Coat abut SE also re	ment wings & deck ext unde epair girder spalls @ SE and	erside @ d NW.							
OTHER ACTION	2	2013	Patch Sp.	1-G1, Sp.2-G1 and Sp.3-G	1.							
OTHER ACTION												
OTHER ACTION												
OTHER ACTION Structural Condition Rating (Last/N (%)	low) 5	55.6/44.4		Sufficiency Rating (Last/N (%)	low)	51.7/41.5	Est.	. Repl. Yr	2040	Maint. Red	qd. (Y/N)	Yes
Structural Condition Rating (Last/N	low) 5	55.6/44.4			low)	51.7/41.5 Department Comments	Est.	. Repl. Yr	2040	Maint. Red	qd. (Y/N)	Yes
Structural Condition Rating (Last/N (%) Special Comments for	low) 5	55.6/44.			low)	Department	Est.	. Repl. Yr		Maint. Red	. , , ,	Yes
Structural Condition Rating (Last/N (%) Special Comments for Next Inspection	low) 5	55.6/44.			low)	Department Comments	Est.	. Repl. Yr			. , , ,	Yes
Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By	ow) 5	55.6/44.			low)	Department Comments	Est.	. Repl. Yr			. , , ,	Yes
Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy	ow) 5	55.6/44.			low)	Department Comments	Est.	Repl. Yr			. , , ,	Yes
Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N)	ow) 5					Department Comments		Repl. Yr			. , , ,	Yes
Structural Condition Rating (Last/N (%)) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action		oberts			Previous	Department Comments Date		Repl. Yr			. , , ,	Yes
Structural Condition Rating (Last/N (%)) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name	Garry Ro	oberts			Previous	Department Comments Date Assistant's Name					. , , ,	Yes