							В	ridge I	nspe	ction							
Bridge File Num									For	Form Type			PSR PCS				
Year Built/Year Supstr		196	4/1964	4						No.			1				
Bridge or Town I	Vlama	FAL	116							Inspector Name			Wade Nanninga				
Located Over	varrie		)2 C1 :	2 756					Ins	Inspector Class			BR CLS A				
Located Over									Ass	sistant N	ame						
Located On 16:12 R1 17.001  Water Body Cl./Year									Ass	istant Cl	lass						
									Ins	pection [	Date		09-Aug-2012	2			
Navigabil. Cl./Ye		N IVA /	CEC.	40 TWD	F2 DCE	\\/-	· N /		Dat	a Entry I	Ву		Lisa Fairhurs	st			
Legal Land Loca				18 TWP		5 775	IVI		Dat	a Entry I	Date		23-Aug-2012	2			
Longitude, Latitu	ide			6, 53:35:		<b>T</b> \			Re	viewer N	ame		Eric Carcoux	<			
Road Authority	r00	CM		ansporta	ation (Ai	1)			Re	view Dat	е		21-Aug-2012	2			
Contract Main. A				log (LUI	<b>-</b> \				De	ot. Revie	wer N	Name	Brent Herric	k			
Clear Roadway/S	Skew			leg. (LHI	-)				De	ot. Revie	w Da	te	30-Aug-2012	2			
	ion			11 (A)					Fol	low-Up E	Зу						
Road Classificat			D-412.	4-120					-								
Detour Length (k		1				0	.			-	T				0 0:1:-	-10	
Allowable Load (	Allowable Load (t): Single					Semi					Train				> On Critic	aı Spai lember	าร
Design Loading: HS20															> Primary	Span	
							Ро	sting I	nforr	nation					J	·	
Required Vert. C	learan	ice P	osting	ı (m)	UNDEF	R: 31 C	C1 5.2r	n									
Posted Vertical (	Cleara	nce (	Y/N)		Yes												
Posted: Lane	NB	(	On Brid	dge (m)	5.2	In Adv	ance (	Y/N)	Yes	Lane	SB	0	n Bridge (m)	5.2	In Advance	(Y/N)	Yes
Remarks	SB ve	rtical	l clear	ance sig	n is mou	unted o	on 759	57W.									
Required Load F	osting	(t)			Single				Semi				Truck Train				
Posted Loading	(t)				Single					Semi			Truck Train				
Posted:	Lane	E	ΞB	At Junction (		//N)	/N) No		In Advance (Y/N)		No	At Bridge (Y/N)		No			
Posted:	Lane	١	ΝB		At Junction (Y			Y/N) No		In Advance (Y/N)		No	At Bridge (Y/N)		No		
Remarks	Not re	quire	ed.			,	,				`	,			<u> </u>		
Hazard Marker A				No													
Remarks			,	Not requ	uired.												
Other Sign Type	s			Merge.													
							Uti	lities (	Loca	ted at)							
Utility Attachmer	nts																
Telephone	North	r/w,	in med	dian.					Ga	S							
Power	6 wire	s 40	m wes	st.					Mu	nicipal							
Others	ers								Pro	blem (Y/	/N)	No					
Remarks																	
								Approa	ch R	oad							
						Last	Now	Exp	Explanation of Condition								
Horizontal Alignment					7	7	Cre	st curve									
Vertical Alignment				6	6												
Roadway Width (m) 12.800						AC	P is crac	ked a	at E ab	outments - ph	oto.						
Approach Bump				4	4	-											
Guardrail (Y/N) Yes						12.	2.0m @ East end with terminal end. Not thrie beam transition.						١.				
Guardrail				7	7												
Length (m) 76.000																	
Current Standa	`	N)		No	_												
Termination Ty	/pe			Turned	Down												
Drainage							7	7									
Approach Road	l Gene	ral F	Rating				6	6									
									_								

						Supers	tructure
Bridge Comp	onent				1		Explanation of Condition
(Primary Spa	n : <b>PM, 3 Spa</b> r	ns, Lengt	ths(n	n): 10.7-16.8-			_
Special Feat	ures						
Special Featu	ıre					X	
(Type:)							
Special Featu	ıre					Х	
(Type:)							
Wearing Surfa	ace/Deck Top	Detail Ra	atings	5			
	N (%)	1 (%)		2 (%)	3 (%)		
Last							
Now	0.0	0.0		0.0	C	0.0	
Wearing Surf	ace				7	7	
(Material Ty	/pe : <b>ACP - C</b> C	ONVENTI	ONA	L CHIP SEAL	COAT	Γ)	
(Thickness)	(mm) : <b>50</b> )						
Lateral Conne (Y/N)	ection Problem	n No	)				
Deck Top					N	N	
Deck Rideabi	lity				7	7	
Deck Joints					7	7	
Temperatur	re (deg. C)	27					
(Expansion	Type : GLANI	D (WABC	O-MA	UER, TRANS	FLEX,	ETC))	
(Fixed Type	e:)						
Gap Size (r	mm)	G	ap L	ocation			
70		E	ast p	oier			
85		V	ا Vest	pier			
Deck Drainag	je				4	4	Leakage between curbs and 1st interiors.
Drains Clog	ged (Y/N)	No	)				
Curbs/Mediar	า				5	5	Narrow transverse cracks at lift hook pocket locations.
(Curb Type	: Standard)						
Scaling (Pe	rcent Area)	1					
Bridge Rail					7	5	Minor dents in vertical slats
(Type : GA	LVANIZED ST	EEL VEF	RTIC	AL BAR)			Several bolts with insufficient thread.
Bridge Rail P					4	4	Base of posts rusting.
(Type : GAI STEEL)	LVANIZED PC	OST STEE	EL;G	ALVANIZED	POST		
Bridge Rail/P	osts Coating				4	4	
(Type : <b>GA</b> l	LVANIZED)						
Sidewalk					Х	Х	
Girder Detail	Ratings						
	N (count)	1 (count)	)	2 (count)	3 (cou	ınt)	G2 crack > 0.5m
Last	,				<u> </u>	9	
Now	0	0		0		9	
Girders					3	3	G1, G2, G3, G5, G6, G8, G9, G10 & G12 have cracks on underside
Cracking (Y	′/N)	Ye	s				with rust staining. G12 has wide cracks & heavy staining - photo. Water leaking between G1/G2 and G15/G16. Minor HLD chips on
	ercent Area)	1					water leaking between G1/G2 and G15/G16. Milnor HLD chips on exterior girder edge.
(Number Of C							1
,	,						

						Supers	structure
<b>Bridge Comp</b>	onent				Last	Now	Explanation of Condition
(Primary Spar	n : <b>PM, 3 Spa</b> i	ns, Len	gths(r	n): 10.7-16.8-	10.7, A	-Ident	Number: )
Diaphragms/0	Cross Frame				X	X	
Bearings					6	6	Viewed with binoculars, no problem evident.
Temperatur	e (deg. C)	2	27				
(Expansion	Type : <b>NEOP</b>	RENE S	STRIP	BEARING)			
(Fixed Type	: NEOPRENI	E STRIF	P BEA	RING)			
Coating Ade	equate (Y/N)	Y	⁄es				
Functioning	(Y/N)	Y	⁄es				
Deck Undersi	de				N	X	
Stains (Per	cent Area)	C	)				
Span Alignm	ent Problems	S					
Vertical (Y/I	N)	N	No				
Horizontal (	Y/N)	N	No				
Superstructu	ıre General R	ating			3	3	
						Supers	structure
Bridge Comp	onent				Last	Now	Explanation of Condition
(Secondary S							
Special Feat							
Special Featu						X	
(Type:)							
Special Featu	ıre					X	
(Type : )					<u>'</u>		
	ace/Deck Top	Detail F	Ratings	3			
	N (%)	1 (%)		2 (%)	3 (%)		
Last							
Now	0.0	0.	.0	0.0		0.0	
Wearing Surfa	ace				7	X	
(Material Ty	pe : <b>ACP - C</b> (	ONVEN	TIONA	L CHIP SEA	L COAT	Γ)	
(Thickness(	(mm) : <b>50</b> )						
Lateral Conne (Y/N)	ection Problem	n N	No				
Deck Top					N	N	
Deck Rideabi	lity				7	7	
Deck Joints					N	N	Paved over. Asphaltic fibre board A1 & A2.
Bump (Y/N)		<u>                                      </u>	No				
Deck Drainag					4	4	Water leaking onto caps from abutment joints.
Drains Clog		N	No				
Curbs/Mediar					6	5	_
	: Standard)						
Scaling (Pe	rcent Area)	1					
Bridge Rail					7	5	Minor dents to vertical slats Several bolts with insufficient threads.
	LVANIZED ST	TEEL VI	ERTIC	AL BAR)	1		
Bridge Rail Po					4	4	Base of plates are rusting.
(Type : GAI STEEL)	LVANIZED PO	OST ST	EEL;G	ALVANIZED	1		
Bridge Rail/Po	osts Coating				4	4	
(Type : GAI	LVANIZED)						
Sidewalk					X	X	

					Supers	structure
Bridge Comp	onent					Explanation of Condition
(Secondary S					11011	- Explanation of Containon
Girder Detail F						
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	11 (000111)	i (count)	2 (ocarri)	000	1	-
Now	0	0	0		0	_
Girders				3	4	G15 on S3 wide cracks both legs of AZ. Sound concrete. Span 1 & 3,
	Increation F	Date 09-Aug	2012	3	4	50% of girders have wide longitudinal cracks within AZ, some with
Last Complete Inspection Date		Yes	-2012			rust stains. S3/G3, 9, 10 have wide cracks at mid span. Crack @ end G1/S1. East narrow shear cracks S1/G7, G13, S3/G14, G6. Flexural
Cracking (Y/N) Spalling (Percent Area)						cracking. Spall midspan G9/S3. G16/S3 rated '4' because it is curb
Lift or Connec		1				girder. Ğ9SP3 cracking with staining in girder underside. G10SP3 cracking in AZ 2 legs SC
Grouted (Y/N)						ordening in 712 2 legs 50
(Number Of G						
Span Alignm		 s				
Vertical (Y/N		No				
Horizontal (	•	No				
Superstructu				3	4	
Caperotracta	iro Conorai ii	camig				
					Subst	ructure
Bridge Comp	onent			Last	Now	Explanation of Condition
Abutments						
(Extended E	Backwall Piles	s (Y/N) : <b>N</b> )				_
(Extended E	Backwall Piles	Spacing(mm)	:)			
(Total Numbe	r of Caps/Cor	bels : <b>1:1</b> )				Stained from leaking abutment A1 FB.
Bearing Seats	/Caps/Corbel	ls Detail Rating	gs			_
	N (count) 1 (count) 2 (count)			3 (co	unt)	
Last						
Now	0	0	0		0	_
Bearing Seats	•	ls		7	6	_
(Type : CON	NCRETE)					
(Depth(mm)	:)					
(Width(mm)	:)					
Backwalls/Bre	eastwalls			6	6	Breastwall visible only. Medium vertical cracks at 1m o/c.
Greatest He	eight (m)	0.70				
Wingwalls				6	6	
(Total Numbe	r of Bearing P	Piles : <b>0:0</b> )			1	
Piles Detail Ra		,				1
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	100					
Now	100	0	0		0	
Piles				N	N	
Paint/Coating				Х	Х	
Abutment Sta	bility			8	8	
Scour/Erosion	1			8	5	Settled headslope protection

					Subst	ructure							
Bridge Comp	nonent			Last	Now	Explanation of Condition							
Piers/Bents	ponent			Last	INOW	Explanation of condition							
	R-COLUMN)												
	er of Caps/Co	rbels : <b>1:1</b> )											
		els Detail Ratir	ngs										
	N (count)	1 (count)	2 (count)	3 (co	unt)								
Last	,				,	Cracking and delam @ columns.							
Now	0	0	0		0								
Bearing Seat	s/Caps/Corbe	els		4	4								
(Type : CO	NCRETE)												
(Total Numbe	er of Bearing I	Piles : 10:10)											
Piles Detail R	atings												
	N (count)	1 (count)	2 (count)	3 (co	unt)								
Last													
Now	0	0	0		0								
Pier Shaft/Pil	es			7	7								
Greatest He	eight (m)	5.40			_								
Bracing/Strut	s/Sheathing			X	X								
Nose Plate				Х	Х								
Paint/Coating					7	Brown/red.							
(Colour Des													
(Colour Co	de : )				1								
Pier Stability				8	8								
Scour				X	X								
Debris (Y/N)		No											
Substructure	e General Ra	ting		4	4								
					Structu	re Usage							
					Now	Explanation of Condition							
Grade Separ	ation												
Road Alignme	ent			8	8								
Traffic Safety	Features			4	4	Missing 2 bolts at terminal end on West rail. Rail stops at piers, should extend under bridge - photo.							
Туре		Guard	rail										
Slope Protect				5	5	Top of concrete slope protection separated from breastwall and settled 50mm.							
	NCRETE; CC	NCRETE)				John John J.							
Bank Stability	/			8	8								
Drainage				5	5								
Grade Separ	ration Genera	al Rating		4	4								

Bridge Inspection & Maintenance System (Web 2005)

					Mainte	enance Recom	nmendat	tions						
Inspector Recomi	mendations	Yea	ar	Inspector	r Comments		[	Department Co	mments	3		Target Year	Est. Cost	Cat #
REPAIR/REPLAC	E BRIDGE RAIL													
GALVANIZE/PAIN	NT BRIDGE RAIL													
SEAL CURBS														
PATCH DECK														
SEAL DECK		201	12	Seal crac	cks at joints in app	proach ACP.								
OVERLAY DECK														
REPAIR/REPLAC	CE DECK JOINTS													
RESET/ PAINT B	EARINGS													
WASHING														
SHOTCRETE RE	PAIRS													
REPAIR ABUTME	ENT SCOUR/EROSI	ON												
PLACE ADDITIO														
	ACCUMULATION													
OTHER ACTION		201	12	Repair gu	uardrail & extend	under bridge.								
OTHER ACTION														
OTHER ACTION		201	12	Assess g	jirder rehab optior	ns. If not done.								
OTHER ACTION														
Structural Condition Rating (Last/Now) (%)		ow) 38.	.9/38.9	9	Sufficiency Rati (%)	ing (Last/Now)	) 51	.8/51.7	Est.	Repl. Yr	2023	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection	Monitor girder crack	king.						Department Comments	·			·		
Maintenance Rev	viewed By							Date				Estimated Tota	1 0	
Proposed Long-T														
On 3-Year Progra	am (Y/N)													
Proposed Action														
Previous Inspector's Name Kris E		Kris Bosters Previo					vious As	ssistant's Name	е					
T revious inspecte						Des	vious Inc	spection Date		06-Oct-2010				
Next Inspection D	Date	09-May-20	)14			Pre	vious ins	specifor Date		00 001 20 10				
Next Inspection D	Date (Default) (months)	09-May-20 21	014			Pre	vious iris	spection Date		00 001 2010				