						B	ridge Ir	nspec	tion						
Bridge File Number 78197 -1 Bridge							Form Type				PSR				
Year Built/Year 1981/1981							Lot No.				2				
Supstr						Inspector Name				Garry Roberts					
Bridge or Towr	n Name								Inspector Class			BR CLS A			
Located Over				3.27.31,	WATER	ERCRS-ST			Assistant Name						
Located On		40:10 C	1 5.524					Assistant Class							
Water Body Cl									ection	Date		22-Jun-201	1		
Navigabil. Cl./\								Data	Entry	By		Alyssa Boy	nton		
Legal Land Lo	cation	NW SE	C 1 TWP	17 RGE (6 W5M			Data Entry Date				13-Jul-2011			
Longitude, Lati			2:45, 50:24					Revi				Tom Carey			
Road Authority			Transport	ation (Al	T)			Revi	ew Da	te		28-Jun-201			
Contract Main.	Area	CMA28						Dept	. Revi	ewer Na	me	Tim Davies			
Clear Roadway	y/Skew	11 /								ew Date		15-Jul-2011			
AADT/Year		440 / 20	. ,					· ·	w-Up						
Road Classific	ation	RAU-20	09-110					_		,					
Detour Length		50												I	
Allowable Load	d (t): Sir	ngle CS	51 28		Semi	CS	2 49			Train	CS	62		> On Criti	ical Spans
Design Loading	a:	N/C	\$230											> Primary	
Jesign Loading	y.		5230			Po	sting Ir	oform	ation						Span
Required Load Posting (t) Single				r osting in			Semi			Truc	k Train				
Posted Loading (t) Single							Semi				k Train				
Posted:	Lane	NB					No		In Advance (Y/N)		No		ridge (Y/N)	No	
Posted:	Lane				. ,		No	In Advance				No	At Bridge (Y/N)		No
Remarks Not req.					1										
			No												
RemarksNot req.Other Sign TypesCREEK I.D.															
	563		ORLEN	(1.D.		l Iti	lities (L	ocate	ad at)						
Utility Attachm	ents					Uli		_000110	sa atj						
Telephone								Gas							
Power								-	icipal						
Others							Problem (Y/			(/N) N	0				
Remarks								1100		/11) 11	0				
Remarks						/	Approa	ch Ro	ad						
					La	ist	Now			on of Co	ondi	tion			
Horizontal Alignment			5	5					orth.						
Vertical Alignment					7	7	Nop	No passing SB, curve			o the S.				
•			11.000					<u> </u>							
Roadway Widt			11.000			7	7	1							
Annroach Dum	-		Yes			7	1	Mag	thoriz	n otool 4	50 v	150 mm L	66		
)		res			7	7	-			50 X	150 mm H.	J.J.		
Guardrail (Y/N					7	7	Not t	hriebe	eam						
Approach Bum Guardrail (Y/N) Guardrail			26.000					-							
Guardrail (Y/N) Guardrail Length (m)		/NI)	26.000												
Guardrail (Y/N Guardrail Length (m) Current Stan		/N)	No					-							
Guardrail (Y/N Guardrail Length (m) Current Stan Termination		/N)	No	D DOW		0	7								
Guardrail (Y/N Guardrail Length (m) Current Stan		/N)	No	D DOW		8	7								

						tructure
Bridge Comp				Last		Explanation of Condition
(Primary Spa	n : RM, 1 Spa	ns, Lengths(m): 24, A-Iden	t Num	ber:)	
Special Feat	ures				1	
Special Featu	ire				X	
(Type :)					-	_
Special Featu	ire				X	
(Type :)						
Wearing Surfa	ace/Deck Top	Detail Rating	S			
	N (%)	1 (%)	2 (%)	3 (%)		
Last	0	0	0		0	
Now	0.0	0.0	0.0	C	0.0	
Wearing Surf	ace			7	7	CHIPCOAT ON ACP, total thickness 50mm.
			AL CHIP SEAL			
(Thickness)	-			- 00/11	/	
	ection Problen	n No				
(Y/N)						
Deck Top				N	N	
Deck Rideabi	lity			7	7	
Deck Joints				3	6	KOCH JOINTS - recently sealed.
Temperatur	e (deg. C)	15				
(Expansion	Type : THER	MOPLASTIC	POLYMER)			
(Fixed Type	e:)					
Gap Size (r	nm)	Gap I	_ocation			
						-
						-
						-
Deck Drainag	10			3	6	Superelevated.
Drains Clog		No		5	0	
Curbs/Mediar		NO		3	2	Fast such 25% appling with langit
				3	3	East curb 25% scaling with longit cracks and efflorescence- approx. 7m ² of spalling.
	: Standard)	-				0.3m2 spall at South West.
Scaling (Pe	rcent Area)	5			1	
Bridge Rail				8	8	150 x 150 H.S.S. bridgerail & timber pedestrian rail.
	EL BRIDGE	TUBE)			1	-
Bridge Rail P	osts			8	8	Brown paint on timber ped rail.
(Type : GAI STEEL)	LVANIZED PO	OST STEEL;G	ALVANIZED	POST		
Bridge Rail/P	osts Coating			7	7	
(Type : PAI	NT)					
Sidewalk				3	3	5% light to med-with map crks-worst @ E side @ N end. Scaling @
						NE. 6m ² of delams at SW, SE and NE.
Girder Detail	Ratings					
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	
Now	0	0	0	-	0	1
Girders	-			5	5	Girders have longit cracks,
Cracking (Y	(/N)	Yes			5	Intermittent & narrow. 0.1 mm wide -
	ercent Area)	0				No change from prev insp marks-minor
(Number Of C		U				

Brings componentLenkNovExplanation of ConditionPrimary Span : RM 1 Spans : Weight and Spans : RM 1 Spans : Weight and Spans : RM 1 Spans :				Supers	structure	
DiaphragmaCross FrameXXXBearings15Temperature (dag.C)15(Expension Type: REINFORCED NEOPRENE BEARING WITTEFLON AND STAINLESS STEEL)(Expension Type: REINFORCED NEOPRENE BEARING WITTEFLON AND STAINLESS STEEL)Coding Adequate (VIN)YesFunctioning (VIN)YesStains (Parcen Atrea)2Stains (Parcen Atrea)5Stains (Parcen Atrea)2Stains (Parcen Atrea)2Stains (Parcen Atrea)3Stains (Parcen Atrea)2Stains (Parcen Atrea)3Stains (Parcen Atrea)7T7Stains (Parcen Atrea)7Stains (Parcen Atrea)8Stains (Parcen Atrea)8Stains (Parcen Atrea)8 <tr< td=""><td colspan="3">Bridge Component</td><td></td><td></td></tr<>	Bridge Component					
Peakings777Temperature (deg. C)15(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)(Fixed Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)(Fixed Type : REINFORCED NEOPRENE BEARING WITH TERLON AND STAINLESS STEEL)Coating Adequate (YN)YesDeck Underside77Stains (Parcent Area)22Stains (Parcent Area)32Stains (Parcent Area)235SBridge ComponentLastMutument Subjective General Rating777Bearling Beats/Caps777PilesXXXMingwalls555Fridge ComponentNNumerits888Part/CoatingXXXStains Stability555Fridge ComponentNNumerits888Scour/ErosionXXXPilesXXXPiers/BentsXTotal Number of Bearing Piles :)Fries/SheathingXXXPiers/SheathingXXXColour Description :)X(Colour Description :)X(Colour Description :)X(Colour Description :)X(Colour Description :)X <t< td=""><td>(Primary Span : RM, 1 Spans, I</td><td>_engths(m): 24, A-Ide</td><td>nt Num</td><td>ber:)</td><td></td></t<>	(Primary Span : RM, 1 Spans, I	_engths(m): 24, A-Ide	nt Num	ber:)		
Temperature (deg. C.) 15 I [Expension Type: REINFORCED NEOPRENE BEARING WTH FELON AND STAINLES STEEL] Image: Concrete image: Concret image: Con	Diaphragms/Cross Frame		X	X		
Temperature (deg. C.) 15 I [Expension Type: REINFORCED NEOPRENE BEARING WTH FELON AND STAINLES STEEL] Image: Concrete image: Concret image: Con	Bearings		7	7		
Type : REINFORCED NEOPRENE BEARING WITH IFPLOD AND STAINLESS STELLY IFPLOD AND STAINLESS STELLY IFPLOD AND STAINLESS STELLY Coating Adaptate (V/N) Yes Enuctioning (Y/N) Yes Deck Undersite 7 Stains appear to be from grout key concrete. Stains (Percent Area) 2 Span Alignment Problems Vertical (Y/N) No Image: Concrete. Superstructure General Rating No Explanation of Condition Superstructure General Rating T Stains appear to be from grout key concrete. Superstructure General Rating No Explanation of Condition Backwalls/Greastwalls Nov Explanation of Condition Abutments Stains appear to be from grout key concrete. Stains appear to be from grout key concrete. Backwalls/Greastwalls Nov Explanation of Condition Abutments Stains appear to be from grout key concrete. Stains appear to be from grout key concrete. Backwalls/Greastwalls Nov Explanation of Condition Abutments Stains appear to be from grout key concrete. Stains appear to be		15	- '			
TEFLON AND STAINLESS STEEL) Coating Adequate (v/N) Yees Coating Adequate (v/N) Yees Enclosing (V/N) Yees Deck Underside 2 Stains appear to be from grout key concrete. Stains (Protein Kara) Sta			RING W	VITH	-	
TEFLON AND STAINLESS STEEL:Punctioning (V/N)YesPunctioning (V/N)YesDeck Underside2Stains Represent Areas)2Stains Represent Areas)2Stains Represent Areas)2Stains Represent Areas)2Superstructure General Rating5Strigge ComponentLastAutoment SVersion of ConditionSuperstructure General Rating7Strigge ComponentLastAutoment S7Strigge Seats/Caps7T(Type : CONCRETE)Bearing Seats/Caps7T(Type : CONCRETE)Bearing Seats/Caps8Vingvalls5Strigge ComponentAutoment Stability5Stour/Frosion8Stour/Frosion8Piers/BentsX(Type : Concrete)Fiers/BentsX(Type : Concrete)Fiers/BentsX(Type : Concrete)Vers/Brath/PilesXStains Representation of ConditionNose PlateXXXPaint/CoalingXXXStains Representation of Condition (Total Number of Bearing Piles : Total Numb	TEFLON AND STAINLESS S	TEEL)			_	
Coaing Adequate (YiN)YesImage: Constraint of Constr	(Fixed Type : REINFORCED I TEFLON AND STAINLESS S	NEOPRENE BEARING	S WITH			
Deck Underside777Stains appear to be from grout key concrete.Stains (Percent Area)2 \sim \sim \sim Span Alignment Problems \sim \sim \sim \sim Superstructure General RatingNo \sim \sim \sim Bridge ComponentLastNowExplanation of ConditionAbutments \sim \sim \sim \sim Bearing Seats/Caps \top \top \top I'rype : CONCRETE) \times \times \times Backwalls/Breastwalls \times X X Wingwalls \top 7 7 PilesNNBuried.Paint/Coating \times 5 5 Scour/Erosion 8 8 Seraing/Seats/Caps X X (Type :) \times X Piers/Bents \times X (Type :) \times X Piers/Bents X X (Type :) \times X Piers/Bents/Piles X X (Type :) X X Piers/Bents/Piles X X Piers/Benting X X						
Stains (Percent Area)2Concreté.Span Alignment ProblemsConcreté.Verical (Y/N)NoSuperstructure General Rating55Superstructure General Rating55Superstructure General Rating55Superstructure General Rating55Superstructure General Rating55Superstructure General Rating55Superstructure General Rating77Sada Seats/Caps77(Type : CONCRETE)Sackwalls/BreastwallsXXSackwalls/BreastwallsXXVingwalls77PilesNNBuried.Paint/Coating55Tar.Socur/Erosion88Piers/BentsXX(Type :)Sacing/Stus/ScapsXXStaing Stus/ScapsXXVirge :)VXXPiers/Beath/PilesXXStaing/Stus/ScapsXXSacing/Stus/ScapsXXVirge :)XXSearing Scats/CapsXXSearing Stus/ScapsXXVirge :)XXSearing Stus/ScapsXXVirge :>XXSearing Stus/ScapsXXSearing Stus/ScapsXXSearing Stus/ScapsXXSearing Stus/ScapsXXSearing Stus/ScapsXX <td>Functioning (Y/N)</td> <td>Yes</td> <td></td> <td></td> <td></td>	Functioning (Y/N)	Yes				
Stans (Vercent Area)2Image: constraint of the second secon	Deck Underside		7 7		Stains appear to be from grout key	
Vertical (Y/N)NoImage: No product of the second sec	Stains (Percent Area)	2			concrete.	
Horizontal (V/N)NoImage: Constructure General RationSoSoSuperstructure General Ration55Bridge ComponentLata NowExplanation of ConditionAbduments77Bearing Seats/Caps77(Type CONCRETE)77Backwalls/Breastwalls77Wingwalls77PilesNNBuried.55Pant/Coating55Scour/Erosion55Stout/Erosion88Pier Stability88 <td>Span Alignment Problems</td> <td></td> <td></td> <td></td> <td></td>	Span Alignment Problems					
Superstructure General Rating5555SubservenueAbutmentsExplanation of ConditionAbutmentsExplanation of ConditionAbutmentsExplanation of ConditionAbutmentsExplanation of ConditionAbutment Stability Explanation of ConditionMingwallsT77<	Vertical (Y/N)	No				
SubstructureSubstructureSubstructureSubstructureAduments7<7(Type: CONCRETE)Backwalls/BreastwallsXXXVirge: CONCRETE)Backwalls/BreastwallsXXXVirge: CONCRETE)Backwalls/BreastwallsXXXVirge: CONCRETE)Backwalls/BreastwallsXXXVirge: CONCRETE)Paint/CoatingTTScour/Erosion88Prers/Bents(Type:)Scour/ErosionXX <td>Horizontal (Y/N)</td> <td>No</td> <td></td> <td></td> <td></td>	Horizontal (Y/N)	No				
Bridge ComponentIdentNoteExplanation of ConditionAbuttersBearing Seats/Gaps(Type: CONCRETE)Backwalls/BreatswallsBackwalls/BreatswallsWingwallsWingwallsPilesPilesAbuttent StabilityPint/CoatingPint/CoatingPint/Seats/BackRoutersPint/Seats/CapsPint/Seats/CapsPint/Seats/CapsPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/PintPint/PintPint/PintPint/PintPintPintPintPint <t< td=""><td>Superstructure General Ratin</td><td>g</td><td>5</td><td>5</td><td></td></t<>	Superstructure General Ratin	g	5	5		
Bridge ComponentIdentNoteExplanation of ConditionAbuttersBearing Seats/Gaps(Type: CONCRETE)Backwalls/BreatswallsBackwalls/BreatswallsWingwallsWingwallsPilesPilesAbuttent StabilityPint/CoatingPint/CoatingPint/Seats/BackRoutersPint/Seats/CapsPint/Seats/CapsPint/Seats/CapsPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/Seats/PintPint/PintPint/PintPint/PintPint/PintPintPintPintPint <t< td=""><td></td><td></td><td></td><td>Outbact</td><td></td></t<>				Outbact		
AbutmentsImage: Searcy Caps Image: Sear	Bridge Component		Last			
Bearing Seats/Caps777(Type : CONCRETE)XXXWingwallsXXXWingwalls777Piles777Paint/Coating55Tar.Abutment Stability88Scour/Erosion88Piers/Bents88Piers/BentsXX(Type :)XX(Type :)XXPiers/BentsXX(Type :)XXPiers/Benting Piles :>XXPiers/Benting Piles :>XXPiers/Benting Piles :>XXPiers/Benting Piles :>XXPiers/Benting Piles :>XXBracing/Struts/SheathingXXNose PlateXXPiers/BentifiesXXColour Description :)XX(Colour Description :)XXColour Code :)XXPier StabilityXXScourNoXNoNoXDebris (Y/N)NoX			Lasi			
Image: Search of the search o			7	7		
Backwalls/BreastwallsXXXWingwalls777PilesNNBuried.Paint/Coating55Tar.Abutment Stability88Scour/Erosion88Prers/Bents(Type :)Type :) <td cols<="" td=""><td></td><td></td><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td>					
NoNoNoNoWingwalls777PilesNNBuried.Paint/Coating55Tar.Abutment Stability88Scour/Erosion88Scour/Erosion88Piers/Bents88(Type :)88Piers/BentsXX(Type :)XX(Type :)XXPres/BentsXX(Type :)XXBracing/Struts/SheathingXXNose PlateXX(Colour Description :)XX(Colour Description :)XX(Colour Code :)XXPier StabilityXXScourXXNoNoXNoNoXNoNoXNoNoXNoNoXNoNoXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNoXXNo </td <td></td> <td></td> <td>X</td> <td>X</td> <td></td>			X	X		
PilesNNBuried.Paint/Coating55Tar.Abutment Stability88Scour/Erosion88Scour/Erosion88Piers/Bents (Type :)88Piers/Bents (Type :)XXTotal Number of Bearing Piles : >XXPier Shatr/PilesXXBracing/Struts/SheathingXXNose PlateXXPier StabilityXX(Colour Description :) (Colour Code :)XXPier StabilityXXScourXXScourXXNoXX						
Paint/CoatingImage: set of the set of th	Wingwalls		7	7		
Abutment Stability88Abutment Stability88Scour/Erosion88Piers/Bents (Type :)XX(Type :)XXBearing Seats/CapsXX(Total Number of Bearing Piles :)XXPier Shaft/PilesXXBracing/Struts/SheathingXXNose PlateXX(Colour Description :) (Colour Code :)XXPier StabilityXXScourXXDebris (Y/N)NoI	Piles		N	N	Buried.	
Scour/Erosion88Piers/Bents X X (Type :) X X Bearing Seats/Caps X X (Type :) X X (Total Number of Bearing Piles :) X X Pier Shaft/Piles X X Bracing/Struts/Sheathing X X Nose Plate X X Paint/Coating X X (Colour Description :) X X (Colour Code :) X X Pier Stability X X Scour X X No X X No X X	Paint/Coating		5	5	Tar.	
Piers/Bents(Type :)XXBearing Seats/CapsXX(Type :)XX(Total Number of Bearing Piles :)XXPier Shaft/PilesXXBracing/Struts/SheathingXXNose PlateXXPaint/CoatingXX(Colour Description :)XX(Colour Code :)XXPier StabilityXXScourXXNoXX	Abutment Stability		8	8		
$\begin{array}{c c c c c c } (Type:) & X & X \\ (Type:) & & & & X \\ (Type:) & & & & & & & & \\ (Total Number of Bearing Piles:) & & & & & & \\ Pier Shaft/Piles & & X & X & & & & \\ Pier Shaft/Piles & & X & X & & & & & \\ Paring/Struts/Sheathing & X & X & & & & & & \\ Nose Plate & & X & X & & & & & & \\ Nose Plate & & X & X & & & & & & \\ Paint/Coating & & X & X & & & & & & \\ (Colour Description :) & & & X & & & & & & \\ (Colour Code :) & & & & & & & & & \\ Pier Stability & & X & X & & & & & & \\ Pier Stability & & X & X & & & & & & \\ Point/Coating & & & & & & & & & & \\ No & & & & & & & & & & \\ Point (Colour Code :) & & & & & & & & & & \\ Pier Stability & & X & X & & & & & & \\ No & & & & & & & & & & & \\ No & & & & & & & & & & & & \\ \hline \end{array}$	Scour/Erosion		8	8		
Bearing Seats/Caps X X (Type :) X (Total Number of Bearing Piles :) X Pier Shaft/Piles X Shaft/Piles X X X Bracing/Struts/Sheathing X X X Nose Plate X X X Paint/Coating X (Colour Description :) (Colour Code :) Pier Stability X	Piers/Bents					
(Type:) (Total Number of Bearing Piles:) Pier Shaft/Piles X X X Bracing/Struts/Sheathing X	(Type:)					
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Pier Shaft/PilesXXBracing/Struts/SheathingXXNose PlateXXNose PlateXXPaint/CoatingXX(Colour Description :) (Colour Code :)XXPier StabilityXXPier StabilityXXScourXXNoXX	(Type:)					
Bracing/Struts/Sheathing X X X Nose Plate X X X Paint/Coating X X X (Colour Description :) (Colour Code :) Pier Stability X X X Scour X X X	(Total Number of Bearing Piles	:)				
Nose Plate X X X Paint/Coating X X X (Colour Description :) (Colour Code :) Pier Stability X X X Scour X X X Debris (Y/N) No X X	Pier Shaft/Piles		_			
Paint/Coating X X (Colour Description :) X X (Colour Code :) X X Pier Stability X X Scour X X No X X	Bracing/Struts/Sheathing		X	X		
(Colour Description :) (Colour Code :) Pier Stability X X Scour X X Debris (Y/N) No Image: Colour Code : Colour Code	Nose Plate		X	Х		
(Colour Description :) (Colour Code :) Pier Stability X X Scour X X Debris (Y/N) No Image: Colour	Paint/Coating			Х		
(Colour Code :) X X Pier Stability X X Scour X X Debris (Y/N) No Image: Colour Code Code Code Code Code Code Code Code					1	
Pier Stability X X Scour X X Debris (Y/N) No X I						
Debris (Y/N) No	Pier Stability		X	Х		
	Scour		X	X		
Substructure General Rating 7 7	Debris (Y/N)	No				
	Substructure General Rating		7	7		

		S	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : E)				On a sharp curve at U/S.
(D/S Direction : W)				
Alignment		4	4	
Bank Stability		7	7	
HWM (m below Top of Curb)	HWM (m below Top of Curb)			No visible HWM
Drift (Y/N)	No			
Slope Protection		8 7		Class 2 @ u/s toe of slopes & U/S
(Type : RIP RAP; RIP RAP)				BANKS.
Guidebank/Spurs		X	X	
Adequacy of Opening		7	7	
(Fish Compensation Measure 1 :	NONE)			_
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		4	4	

		Maintenance Re	ecommend	ations					
Inspector Recommendations	Year Inspector Comments			Department Comr	nents	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL									
GALVANIZE/PAINT BRIDGE RAIL									
SEAL CURBS	2011	Patch and seal curbs & sidewalks- a curb and 6m ² sidewalk.	ipprox. 8m²						
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) (%)	66.7/66.	7 Sufficiency Rating (Last/ (%)	Now) 6	60.1/59.7	Est. Repl. Yr	2034	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		E	stimated Total	0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name Ga	rry Roberts		Previous A	Assistant's Name					
	-Mar-2013		Previous I	nspection Date	05-Oct-2009				
· · · · · · · · · · · · · · · · · · ·				•					
Inspection Cycle (Default) (months) 21									