						Br	idge In	spect	ion							
Bridge File Num	Bridge File Number 01137 -1 Bridge							Form Type				PSR				
Year Built/Year		1958/	1958					Lot No.			2					
Supstr	Na	TUDE						Inspector Name			Dave Lam					
Bridge or Town I	name		E HILLS) \A/ATE	DOF	OC CT	Inspector Class			BR CLS A					
Located Over Located On			STPINE CR		J, WATE	KCF	3-51	Assistant Name								
	V00"	583:0	2 C1 34.837					Assistant Class								
Water Body Cl./								Inspection Date			15-Jul-2011					
Navigabil. Cl./Ye		S/V/ S	EC 5 TMD 1	22 PGE 1	22 \\/4\/4			, ,			Marcia Chavez					
Legal Land Location SW SEC 5 TWP 32 Longitude, Latitude -113:05:23, 51:42:2				.26				Data Entry Date			15-Aug-2011					
Road Authority	ta Transport		Γ)			Reviewer Name			John O'Brien							
	rea			ation (Ai	')			Revie				27-Jul-2011				
Contract Main. Area CMA20 Clear Roadway/Skew 7.9 /												Andrew Smi				
AADT/Year	OROW		2010 (A)							ew Date	9	29-Aug-201	1			
Road Classificat	ion		208-110					Follov	w-Up	Ву						
Detour Length (F		6						-								
Allowable Load (CS1 37 GIRDER		Semi	CS2	2 49			Train	CS	33 64> On Critical Span: RDER> Critical Member			al Spans ember	
Design Loading:		F	HS20											> Primary	Span	
						Pos	sting In	nforma	tion							
Required Load F	osting	(t)	Single					S	emi	ni			Trucl	uck Train		
Posted Loading	(t)			Single				S	emi	ni			Trucl	ruck Train		
Posted:	Lane	EE	3	At Junc	tion (Y/N)		Ir	n Adv	ance (Y	′/N)		At Br	ridge (Y/N)		
Posted:	Lane	W		At Junc	tion (Y/N)		lr	n Adv	ance (Y	′/N)	At Bridge (Y/N)				
Remarks Not required.																
Hazard Marker At Bridge (Y/N) Yes																
Remarks Too low - 900 deck to			eck to bo	ttom	of sigr	٦.										
Other Sign Type	S					11491	ities (L		-l -1\							
Utility Attachmer	nte					Utili	ities (L	-ocate	u at)							
Telephone	South	r/\\						Gas								
Power								Municipal								
Others	1 111100	, ,, ,	. 0,					Problem (Y/N) No								
Remarks										- /						
						Α	pproa	ch Roa	ad							
					La	ıst	Now	Expla	natic	on of Co	ondi	tion				
Horizontal Aligni	ment					8	8	No bridge plaques. Crest curve 300m in both directions, limited sight distance.					00			
Vertical Alignme	Vertical Alignment					6	6	Crest curve 300m in bo		Jui directions	, 1111111€	eu signt distan	ue.			
Roadway Width (m) 8.000			8.000	00			I									
Approach Bump					8	8										
Guardrail (Y/N) Yes						_										
Guardrail							9	NE & SW - 36.1m								
Length (m)				21.100					NW & SE - 28.5m With thrie beam transition.							
	Current Standard (Y/N) Yes							- Jan 11	a010							
Termination Ty	/pe		TURNE ENDS	IWOD D												
Drainage						7	4	Small erosion at NW guardrail post beside concrete drain (photo).				in (photo).				
Approach Road	l Gene	ral Ra	iting			6	6									

						Supe	ers	tructure				
Bridge Comp	onent				Last	Nov	w	Explanation of Condition				
(Primary Spa	n : PO, 2 Spa	ns, Lei	ngths(r	n): 19.8-19.8,	A-Iden	t Nu	mb	per:)				
Special Feat	ures											
Special Featu	Special Feature					X	(
(Type:)												
Special Featu	ıre					X	(
(Type :)												
Wearing Surfa	ace/Deck Top	Detail	Ratings	5								
	N (%)	1 (%)		2 (%)	3 (%)							
Last												
Now	0.0	C	0.0	0.0	C	0.0						
Wearing Surface					N	9)	New concrete deck in 2002.				
(Material Ty	/pe : CONCRI	ETE - C	ONVE	NTIONAL CH	IIP SEA	L		Chipseal installed in 2010; stops in front of bridgerail posts, not covered - typical both sides.				
(Thickness)	(mm) : 50)											
	ection Problen	n	No									
						_						
Now 0.0 0.0 0.0 0.0 Wearing Surface (Material Type : CONCRETE - CONVENTIONAL COAT) (Thickness(mm) : 50) Lateral Connection Problem (Y/N) Deck Top Deck Rideability Deck Joints Temperature (deg. C) 22 (Expansion Type : GLAND (WABO-MAUER, TRACE) (Fixed Type : ASPHALTIC FIBRE BOARD) Gap Size (mm) Gap Location 53 Pier Deck Drainage Drains Clogged (Y/N) No				N	N	1						
(Y/N) Deck Top Deck Rideability Deck Joints Temperature (deg. C) (Expansion Type : GLAND (WABO-MAUER, TRAI (Fixed Type : ASPHALTIC FIBRE BOARD)					9	9)					
Deck Joints					N	9)					
Temperatur	e (deg. C)		22					Pier				
		D (WA	BO-MA	UER, TRANS	SFLEX,	ETC	:))	Pier A1 & A2				
					<u>, </u>		•/					
				· ·								
53	•											
Deck Drainac	ie				7	7	,					
			No									
					X	X	<u> </u>					
							<u> </u>					
Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Bridge Rail												
	Deck Rideability Deck Joints Temperature (deg. C) (Expansion Type : GLAND (WABO-MAUER, TRA (Fixed Type : ASPHALTIC FIBRE BOARD) Gap Size (mm) Gap Location Pier Deck Drainage Drains Clogged (Y/N) Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Bridge Rail (Type : GALVANIZED STEEL THRIE BEAM) Bridge Rail Posts (Type : GALVANIZED POST STEEL;GALVANIZED STEEL) Bridge Rail/Posts Coating (Type : GALVANIZED) Bridge Rail/Posts Coating (Type : GALVANIZED) Bridge Rail/Posts Coating (Type : GALVANIZED)			9	9		Thrie beam.					
	I VANIZED SI	TEFI T	HRIF F	RFAM)				Third Boarn.				
				<i>>_</i>	4	4		1% of A/Bs have insufficient thread in bottom nut-photos.				
(Type : GAI		OST ST	ΓEEL;G	ALVANIZED				H - post.				
	octo Coating				9	9		Dirty				
					9	9	,	,y				
	LVANIZED)						,					
					X	X						
Girder Detail Ratings												
	N (count)	1 (cou	unt)	2 (count)	3 (cou	ınt)						
Last												
Now	0		0	0		0						
Girders					7	7	•					
Cracking (Y			No									
Spalling (Pe	ercent Area)		0									
(Number Of C	Girders · 8)											

Last Now Explanation of Condition Explan				Supers	tructure				
	Bridge Component			<u> </u>					
Bearings		enaths(m): 19.8-19.8.			•				
Consolidation @ construction-photo. Consolidation @ consolidation @ construction-photo. Consolidation @ co		<u>g,</u> ,.							
Temperature (deg. C) 22	Diapinagino, crocci rame				consolidation @ construction-photo.				
Temperature (deg. C) 22	D :								
(Expansion Type : SLIDING PLATE)			6	6					
Fixed Type : ROCKER BEARING									
Coating Adequate (Y/N) Yes		·							
Functioning (Y/N) Yes									
Deck Underside									
Stains (Percent Area) 1		Yes							
Span Alignment Problems		T.	7	7	Longitudinal hairline cracks between girders.				
Vertical (Y/N)		1							
Horizontal (V/N)		T							
Substructure General Rating 6 6 6 6 Color Base in General Rating Substructure Bridge Component Last Now Explanation of Condition Abutment Seating/Breastwalls 7 7 7 7 7 7 7 7 Pries/Bents Top of pier S side/cracking - photo. Cap cracking appears to be caused by horiz. tension at bearings, patched. Crused by horiz. tension at bearings, patched. Crused by horiz. tension at bearings, patched. Top of pier S side/cracking - photo. Cap cracking appears to be caused by horiz. tension at bearings, patched. Crused by horiz. tension at bearings, patched. <th colspan<="" td=""><td></td><td></td><td></td><td></td><td></td></th>	<td></td> <td></td> <td></td> <td></td> <td></td>								
Substructure Subs				_					
Bridge Component Last Now Explanation of Condition Abutments 7 7 Bearing Seats/Caps 5 7 (Type: CONCRETE) 7 7 Backwalls/Breastwalls 7 7 Wingwalls N 7 Piles N N Paint/Coating 5 5 Sealed. Abutment Stability 7 7 Fearly Seats/Caps (Type: PIER-SOLID) 5 6 6 6 Bearing Seats/Caps 9 6 6 6 (Type: CONCRETE) 5 7 7 7 (Type: Shaft/Piles 7 7 7 7 Bracing/Struts/Sheathing X X X Nose Plate 5 5 5 6	Superstructure General Rating	3	6	6					
Bridge Component Last Now Explanation of Condition Abutments 7 7 Bearing Seats/Caps 5 7 (Type: CONCRETE) 7 7 Backwalls/Breastwalls 7 7 Wingwalls N 7 Piles N N Paint/Coating 5 5 Sealed. Abutment Stability 7 7 Fearly Seats/Caps (Type: PIER-SOLID) 5 6 6 6 Bearing Seats/Caps 9 6 6 6 (Type: CONCRETE) 5 7 7 7 (Type: Shaft/Piles 7 7 7 7 Bracing/Struts/Sheathing X X X Nose Plate 5 5 5 6				Subst	ructure				
Abutments Seats/Caps 7 7 7	Bridge Component		Last						
Bearing Seats/Caps				1.10.11					
Color Colo			7	7					
Backwalls/Breastwalls									
N			7	7					
Piles									
Paint/Coating	Wingwalls		N	7					
Paint/Coating	Dilos		NI	NI					
Abutment Stability 7 7 7 Scour/Erosion 6 6 6 Piers/Bents (Type: PIER-SOLID) Bearing Seats/Caps 4 6 (Type: CONCRETE) (Total Number of Bearing Piles: 0) Pier Shaft/Piles 7 7 7 Bracing/Struts/Sheathing X X X Nose Plate 7 7 7 Paint/Coating (Colour Description:) (Colour Code:) Pier Stability 7 7 7 Scour 7 7 7 Debris (Y/N) No	Piles		IN	IN					
Scour/Erosion	Paint/Coating		5	5	Sealed.				
Scour/Erosion									
Piers/Bents (Type : PIER-SOLID) Bearing Seats/Caps 4 6 (Type : CONCRETE) (Total Number of Bearing Piles : 0) Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X X Nose Plate 7 7 Paint/Coating (Colour Description :) (Colour Code :) Pier Stability 7 7 Scour 7 7 Debris (Y/N) No	Abutment Stability		7	7					
Piers/Bents (Type : PIER-SOLID) Bearing Seats/Caps 4 6 (Type : CONCRETE) (Total Number of Bearing Piles : 0) Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X X Nose Plate 7 7 Paint/Coating (Colour Description :) (Colour Code :) Pier Stability 7 7 Scour 7 7 Debris (Y/N) No	Scour/Erosion		6	6					
(Type : PIER-SOLID) Bearing Seats/Caps	Occui, Eresion			ľ					
Bearing Seats/Caps (Type : CONCRETE) (Total Number of Bearing Piles : 0) Pier Shaft/Piles Total Number of Bearing Piles : 0) Pier Shaft/Piles Total Number of Bearing Piles : 0) Pier Shaft/Piles Total Number of Bearing Piles : 0) Pier Shaft/Piles Total Number of Bearing Piles : 0) Total Number of Bearings, patched.	Piers/Bents								
Seating Seats/Caps	(Type : PIER-SOLID)				Top of pier S side/cracking - photo. Cap cracking appears to be				
(Total Number of Bearing Piles : 0) 7 7 Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate 7 7 Paint/Coating 5 5 Coating has worn-off. (Colour Description :) (Colour Code :) 7 7 Pier Stability 7 7 7 Scour 7 7 7 Debris (Y/N) No	Bearing Seats/Caps		4	6	caused by horiz, tension at bearings, patched.				
Pier Shaft/Piles 7 7 Bracing/Struts/Sheathing X X Nose Plate 7 7 Paint/Coating (Colour Description :) (Colour Code :) 5 5 Coating has worn-off. (Colour Code :) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No	(Type : CONCRETE)								
Bracing/Struts/Sheathing X X Nose Plate 7 7 Paint/Coating (Colour Description :) (Colour Code :) 5 5 Coating has worn-off. (Colour Code :) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No Incompany of the part of the	(Total Number of Bearing Piles :	0)							
Nose Plate 7 7 Paint/Coating 5 5 (Colour Description :) (Colour Code :) Pier Stability 7 7 Scour 7 7 Debris (Y/N) No	Pier Shaft/Piles		7	7					
Paint/Coating 5 5 Coating has worn-off. (Colour Description:) (Colour Code:) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No No	Bracing/Struts/Sheathing		X	X					
Paint/Coating 5 5 Coating has worn-off. (Colour Description:) (Colour Code:) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No No	N Dis		_	-					
(Colour Description :) (Colour Code :) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No No	Nose Plate		/	/					
(Colour Description :) (Colour Code :) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No No	Paint/Coating		5	5	Coating has worn-off.				
(Colour Code :) 7 7 Pier Stability 7 7 Scour 7 7 Debris (Y/N) No					1 ~				
Pier Stability 7 7 Scour 7 7 Debris (Y/N) No									
Scour 7 7 Debris (Y/N) No	,		7	7					
Debris (Y/N) No	,								
	Scour		7	7					
Substructure General Rating 4 6	Debris (Y/N)	No							
Substructure General Rating 4 6	Cub atmost and Comment 1 Day 1			_					
	Substructure General Rating		4	٥					

		5	Structu	re Usage
				Explanation of Condition
Channel				
(U/S Direction : N)				Curve located 75 m S (400).
(D/S Direction : S)				
Alignment		5	5	
Bank Stability		7	5	Both banks sloughing (photo).
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		5	5	
(Type: NATURAL; NATURAL)			
Guidebank/Spurs		X	X	
Adequacy of Opening		9	5	Toe of hslp being eroded, no problem at this time.
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2:	NONE)			
Channel General Rating		5	5	

Bridge Inspection & Maintenance System (Web 2005)

01137 -1 Bridge

		Maintenance R	ecommendations					
Inspector Recommendations	Year	Inspector Comments	Department Comr	ments	7	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL								
GALVANIZE/PAINT BRIDGE RAIL								
SEAL CURBS								
PATCH DECK								
SEAL DECK		Both outside edges not chipsealed.						
OVERLAY DECK								
REPAIR/REPLACE DECK JOINTS								
RESET/ PAINT BEARINGS								
WASHING	2011							
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSIO	N							
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
OTHER ACTION	2011	Re-install hazard markers as per st	i					
OTHER ACTION	2011	Repair erosion aroudn NW guardra	I post.					
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/No. (%)	ow) 55.6/66	Sufficiency Rating (Last (%)	(Now) 66.2/70.8	Est. Repl. Yr	2023	Maint. Re	qd. (Y/N)	Yes
Special Monitor scaling/crac Comments for Next Inspection	king of concret	e pier tops.	Department Comments					
Maintenance Reviewed By			Date		Es	timated Tota	1 0	
	Chip coat in 20	010. RS						
On 3-Year Program (Y/N)	Υ							
Proposed Action	CSE report, de	ebonded overlay along N gutter & crac	king. CB to repair by sealing wi	ith gravity flow epo	oxy.RS			
Previous Inspector's Name	Dave Lam		Previous Assistant's Name	Assistant's Name				
			Dravious Inspection Date	Inspection Date 17-Mar-2005				
Next Inspection Date	15-Oct-2014		Previous inspection Date	17-Wai-2003				
	15-Oct-2014 39		Previous inspection Date	17-Wai-2003				