						:	ridge Ir	nspec	tion								
Bridge File Number 09309 -1 Bridge								Form Type			SG						
Year Built/Year 1987/1987										Lot No.			2				
Supstr  Bridge or Town Name SANGUDO									Inspector Name			Kris Bosters					
Bridge or Town							Inspector Class			BR CLS A							
Located Over PADDLE RI'ST				RIVER, 8.11.84.30, WATERCRS-					Assistant Name								
Located On		757:04	C1 8.180	8.180					Assistant Class								
Water Body Cl./	Year							Inspection Date			20-Jul-2012						
Navigabil. Cl./Ye							Entry I	Ву		Theresa Lacusta							
Legal Land Loca	C 30 TWP 57 RGE 6 W5M						Entry I	Date		15-Aug-2012							
Longitude, Latitu						Reviewer Name			Eric Carcoux								
Road Authority			Transporta		T)			Revi	ew Dat	е		06-Aug-2012	2				
Contract Main. A	\rea	CMA12	•	,					Dept. Reviewer Name			Brent Herric	k				
Clear Roadway/	Skew	9 / 30 d	eg. (RHF)					Dept	. Revie	w Date	)	16-Aug-2012	2				
AADT/Year		310 / 20						Follo	w-Up E	Зу							
Road Classificat	ion	RCU-20															
Detour Length (I	km)	32															
Allowable Load		igle CS	1 28		Semi	CS	S2 49	'	-	Train	CS	S3 62		> On Critical Spans			
														>Critical Member			
Design Loading:		MS	300			D	ating l	n form	otion					> Primary	Span		
Required Load Posting (t)				Single			Posting in		nformation Semi			Truck Train		z Train			
Posted Loading (t)				Single				Semi				Truck Train					
Posted:	Lane	NB			tion (Y/N	1)	No			ince (Y	/NI)	No	At Bridge (Y/N)		No		
Posted:	Lane	SB			ction (Y/N			In Advance (Y/N)			No	At Bridge (Y/N)		No			
Remarks		equired.		/ tt ouric	2011 (171	•/	No		II / lava	11) 2011	/14)	110	/ (C D)	iago (1/14)	110		
Hazard Marker			Yes														
Remarks	W Dila;	90 (1/14)		ers and	hored to	1st	quardra	ail nost	t off brid	dae no	nt to	standard. NE	haza	rd marker lo	nse		
Other Sign Type	es		7 11 111011	1010 4110		100	guarare	a poo.	COII DIII	ago, ne	,,,,	otanida di 112	Haza	ia mamor io	<del>, , , , , , , , , , , , , , , , , , , </del>		
ound organ type						Ut	ilities (L	Locate	ed at)								
Utility Attachmer	nts T	ELEPHC	NE UTILI	ΓIES-PH	IONE LIN												
Telephone	East 8	& West r/	w.					Gas									
Power	3 lines	s to west						Muni	icipal								
Others	WSE	station S	W.						Problem (Y/N) No								
Remarks																	
							Approa	ich Ro	ad								
					La	ast	Now	Explanation of Condition									
Horizontal Aligni	ment					7	7	Approach all 4 corners.									
Vertical Alignme	nt					7 7											
Roadway Width	(m)		10.000	10.000				Wide cracks and ravelling acp at approach slabsphoto					to				
Approach Bump						7 4											
Guardrail (Y/N)			Yes	Yes				NW (	corner,	rest ha	ave 1	19m of Type \	/I onto	dikes. Mind	or creasing, stil		
Guardrail					6 4		functional. Insufficient posts.										
Length (m)			45.000	45.000				Туре	VI dar	naged	at S	W (2 rail sect	ions a	nd post)ph	oto		
Current Standard (Y/N)			No														
Termination Ty	уре		Turn Do	own													
Drainage						Ν	7										
Approach Road	d Gene	eral Ratio	na			7	7										
pp. odon node	. 50110	. a. rail	-9														

Bridge Component   Last   Now   Explanation of Condition						,	Supers	tructure
Special Feature   X   X   (Type : )   Special Feature   X   X   (Type : ACP)   Special Feature   X   X	Bridge Com	ponent						
Special Feature	(Primary Spa	an : <b>WG, 3 Sp</b> a	ıns, Lengt	hs(m):	: 16-19-16,	A-Iden	t Numl	per: A1071-01)
Type :	Special Feat	tures					_	
Special Feature	Special Feat	ure					X	
Type :	(Type : )	(Type:)						
Wearing Surface	Special Feat	Special Feature						
N (%)	(Type:)							
Last   20	Wearing Sur	face/Deck Top	Detail Rat	ings				
Now		N (%)	1 (%)	2	(%)	3 (%)		
Wearing Surface   5	Last	20						
ACP separated 30mm from curbs and delaminated in gutter. 20 - 500x200 pot holes at paving lip on N side of birdgephoto	Now							
Content   Cont	Wearing Sur	face				5	4	
Chickness(mm) : 50	(Material T	ype : <b>ACP</b> )						ACP separated 30mm from curbs and delaminated in gutter.
Deck Joints	(Thickness	s(mm) : <b>50</b> )						20 - 300x200 pot holes at paving lip of N side of bildgephoto
Deck Joints	Deck Top					N	N	
Temperature (deg. C)	Deck Rideab	pility				7	5	
Temperature (deg. C)	Deck Joints					7	5	Gaps filled with ACP & tar.
(Expansion Type : ARMOURED GLAND (WABO UNDER FINGER OR SLIDING PLATES)) (Fixed Type :) Gap Size (mm)  50	Temperatu	re (deg. C)	24					Paving lips have broken edgesphoto
Gap Size (mm)   Gap Location	(Expansion	n Type : <b>ARMC</b>	URED GL	.AND (	WABO UN	DER F	INGER	
North   South   Sout	(Fixed Typ	e:)						
South   Sout	Gap Size (	mm)	Ga	ap Loc	ation			
Deck Drainage	50		No	orth				
Drains Clogged (Y/N)	67 South							
Drains Clogged (Y/N)								
Drains Clogged (Y/N)								
Drains Clogged (Y/N)								
Drains Clogged (Y/N)								
Curbs/Median         N         5         Typical shrinkage cracks, 1 to 1.5m.         Light scaling and grader marks.           Scaling (Percent Area)         3         Light scaling and grader marks.           Bridge Rail         7         7           (Type : GALVANIZED STEEL BRIDGE TUBE)         N         7           Bridge Rail Posts         N         7           (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)         Bridge Rail/Posts Coating         7           (Type : GALVANIZED)         Sidewalk         X         X           Girder/Beam         Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Deck Draina	ge				N	4	1.5x1.5x1.0 (lxwxd) scour holes on headslope under S pier drains.
Curb Type : Standard   Scaling (Percent Area)   3	Drains Clo	gged (Y/N)	No					
Scaling (Percent Area)   3	Curbs/Media	ın				N	5	Typical shrinkage cracks, 1 to 1.5m.
Bridge Rail	(Curb Type	e : Standard)						Light scaling and grader marks.
(Type : GALVANIZED STEEL BRIDGE TUBE)           Bridge Rail Posts         N         7           (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)           Bridge Rail/Posts Coating         7         7           (Type : GALVANIZED)           Sidewalk         X         X           Girder/Beam           Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Scaling (Pe	ercent Area)	3					
(Type : GALVANIZED STEEL BRIDGE TUBE)           Bridge Rail Posts         N         7           (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)           Bridge Rail/Posts Coating         7         7           (Type : GALVANIZED)           Sidewalk         X         X           Girder/Beam           Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Bridge Rail					7	7	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)           Bridge Rail/Posts Coating         7         7           (Type : GALVANIZED)         X         X           Sidewalk         X         X           Girder/Beam         X         X           Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8		LVANIZED ST	TEEL BRID	GE T	UBE)			
STÉEL)           Bridge Rail/Posts Coating         7         7           (Type : GALVANIZED)         X         X           Sidewalk         X         X           Cover Plate         X         X         Minor sag in exterior flanges, no problem.           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Bridge Rail F	Posts				N	7	
(Type : GALVANIZED)           Sidewalk         X         X           Gover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	(Type : GA STEEL)	LVANIZED PO	OST STEE	L;GAL	VANIZED	POST		
Girder/Beam         X         X           Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Bridge Rail/F	Posts Coating				7	7	
Girder/Beam           Cover Plate         X         X           Flange         7         7           Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	(Type : <b>GA</b>	LVANIZED)						
Cover Plate         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         X         Indicate of the problem.	Sidewalk					Х	Х	
Flange       7       7         Web       8       8         Stiffeners       8       8         Splice       8       8         Weld       8       8	Girder/Bean	1						
Web         8         8           Stiffeners         8         8           Splice         8         8           Weld         8         8	Cover Plate	е				X	X	Minor sag in exterior flanges, no problem.
Stiffeners         8         8           Splice         8         8           Weld         8         8	Flange					7	7	
Splice         8         8           Weld         8         8	Web					8	8	
Weld 8 8	Stiffeners					8	8	
	Splice					8	8	
Diaphragms/Cross Frame 8 8	Weld					8	8	
	Diaphragms/	Cross Frame				8	8	

			Supore	tructure
Bridge Component				Explanation of Condition
(Primary Span : WG, 3 Spans, I	engths(m): 16-19-16			•
Paint Condition	<u> </u>	8	8	Weathering steel.
(Colour Description : )				wednering steet.
(Colour Code : )				
Touchup Required (Y/N)	No			
Bearings	140	8	8	
Temperature (deg. C)	24	0	0	
(Expansion Type : <b>REINFORC</b>				Pier 2 At N abutment
(Fixed Type : PINNED BEARI	<u> </u>			
Coating Adequate (Y/N) Yes				
Functioning (Y/N)				
Deck Underside	1.00	8	5	Light scalling & rust stains at casting joints over piers.
Stains (Percent Area)	2			Narrow transverse cracks at 500mm o/c N side span 2.
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		7	5	
ouperstructure General Nathi				
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		7	7	
(Type : <b>CONCRETE</b> )				
Backwalls/Breastwalls		8	8	
Wingwalls		7	7	
Piles		N	N	
Paint/Coating		Х	Х	
Abutment Stability		8	8	
Scour/Erosion		8	8	
Piers/Bents				
(Type : <b>PIER-COLUMN</b> )				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
(Total Number of Bearing Piles :	0:0)			
Pier Shaft/Piles		8	8	
Bracing/Struts/Sheathing		8	8	
Nose Plate		X	X	
Paint/Coating			5	Yellow.
(Colour Description : )				
(Colour Code : )				
Pier Stability			8	
Scour		N	N	
Debris (Y/N)	No			
Substructure General Rating		7	7	

Structure Usage										
		Last	Now	Explanation of Condition						
Channel										
(U/S Direction : W)			Gradual bend U/S & D/S.							
(D/S Direction : E)										
Alignment		7	7							
Bank Stability			7							
HWM (m below Top of Curb)				HWM not visible.						
Drift (Y/N)	Yes			A few 50mm dia. trees.						
Slope Protection	Slope Protection 7									
(Type: RIP RAP; RIP RAP)										
Guidebank/Spurs		X	X							
Adequacy of Opening			8							
(Fish Compensation Measure 1 :	NONE)									
(Fish Compensation Measure 2 :	NONE)									
Channel General Rating		7	7							

09309 -1 Bridge

				Maintena	ance Recommend	lations						
Inspector Recommendations		Year	Inspector	Comments		Department Com	nments	3		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL						·						
GALVANIZE/PAINT BRIDGE RAIL												
RETROFIT BRIDGE RAIL												
SEAL CURBS												
PATCH DECK	:	2012	Seal crack	s in ACP.								
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DECK JOINTS	:	2012	Remove A	CP from North ab	utment joint.							
RESET/ PAINT BEARINGS												
REPAINT SUPERSTRUCTURE												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
SHOTCRETE REPAIRS												
REPAIR ABUTMENT SCOUR/EROSIG	NC											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION	4.	2012	Replace b	roken approach ra	ail and post at SW.							
OTHER ACTION		2012	Patch ACF	P at approaches ar	nd paving lips.							
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/No. (%)	ow)	77.8/66.	7 (	Sufficiency Rating (%)	g (Last/Now)	68.6/64.0	Est.	Repl. Yr	2052	Maint. Re	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 Jason		Saly			Previous	us Assistant's Name						
Next Inspection Date	20-Oct-				Previous	us Inspection Date 04-Mar-2009						
Inspection Cycle (Default) (months) 39												
Comment												

Bridge Inspection & Maintenance System (Web 2005)