Bridge Number 7508 N - 1 Bridge							В	ridge li	nspe	ction							
Var Built/ear 1961/1961 Lot No. 2 Support Su	Bridge File Num	ber	75058 N-	1 Bridge									CON				
Bridge or Town Name	Year Built/Year									Lot No.							
Located Over LACK GOLD DRIVE;CPR Assistant Name Assistant Class Located Or 2:30 R1 34:389 Assistant Class Located Or 2:30 R1 34:389 Assistant Class Located Or Loca									Inspector Name		Wade Nanninga						
Assistant Class Assistant									Inspector Class		BR CLS A						
Assistant Luss Assistant					IVE;CPF	₹			Ass	Assistant Name							
Navigabil. CL/Year Legal Land Location Logitude, Latifude 113.33.42, 53.15.27 Data Entry By Theresa Lacusta			2:30 R1 3	34.389					Assistant Class								
Legal Land Location SW SEC 26 TWP 49 RGE 25 W4M Data Entry Date Truy D									Inspection Date		25-Apr-2013						
Longitude, Latitude										•			Theresa Lac	usta			
Road Authority						25 W4	W4M			Data Entry Date			01-May-2013				
Contract Main. Area CMA11										Reviewer Name							
Clear Roadway/Skew					Τ)				Review Date		01-May-201	3					
AADT/Year 37,980 / 2012 (A) Follow-Up By									Dept. Reviewer Name		Name	Brent Herricl	<				
Rad Classification									Dep	<u> </u>		01-May-2013	3				
Radional	AADT/Year 37,980 / 2012 (A)								Foll	ow-Up E	Зу		-				
Allowable Load (t): Single CS1 27 GIRDER Semi CS2 49 Train C33 64			RAD-412	.4-120					-	·	-						
Design Loading: HS20																	
Design Loading:	Allowable Load ((t): Sin			Semi CS2 4			S2 49						> On Critical Spans		ns	
Posting Information										Gir	NDEN						
Required Vert. Clearance Posting (m) Posted Vertical Clearance (Y/N) Yes EB On Bridge (m) In Advance (Y/N) Lane WB On Bridge (m) 7.9 In Advance (Y/N) Yes Remarks EB posted on SB bridge. Semi Truck Train Posted Loading (t) Single Semi Truck Train Posted Truc	Design Loading.						Po	stina l	nforn	nation					> 1 minary	орин	
Posted Vertical Clearance (Y/N)	Required Vert. C	learan	ce Postin	a (m)				<u>g</u>									
Posted: Lane				9 (***)	Yes												
Remarks EB posted on SB bridge Senjie Single Semi Truck Train Posted Loading (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No In Advance (Y/N) At Bridge (Y/N) In Advance (Y/N) In Advance (Y/N) At Bridge (Y/N) In Advance (Y/N) At Bridge (Y/N) In Advance (Y/N)						n Adva	nce (Y/N)		Lane WB C			n Bridge (m) 7.9		In Advance	(Y/N)	Yes
Required Load Posting (t) Single 28 Semi Truck Train								(' ' ' '			1		<u></u>	1	,	(1/11)	
Posted Lane NB							28		Semi			Truck Train					
Posted: Lane NB						20											
Posted:			NB				N)	Nο			Y/N)	No					
Remarks Not required. Hazard Marker At Bridge (Y/N) No Remarks Not required. Other Sign Types Information. Utility Attachments Telephone Gas Power NE corner Municipal Others Light standard East side Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 6 6 6 Hwy 2A on ramp leading up to bridge. Vertical Alignment 7 7 Roadway Width (m) 11.000 Approach Bump 6 6 6 Guardrail (Y/N) Yes 4 dents Guardrail (Y/N) No Current Standard (Y/N) No Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)							110	` ,		110							
Hazard Marker At Bridge (Y/N) No	Remarks				1. 1. 0 0 1.10		/					.,,	1		11.95 (11.1)		
Not required.				No													
Utilities (Located at) Utility Attachments Telephone Power NE corner Others Light standard East side Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Vertical Alignment Vertical Alignment Foadway Width (m) Approach Boad Last Now Explanation of Condition Horizontal Alignment Foadway Width (m) Approach Bump Foadway Width (m) Approach Boad Foadway Width (m) Approach Road Foadway Width (m) Approach Boad Foadway Width				uired.													
Utility Attachments Telephone Power NE corner Others Light standard East side Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment Vertical		 S															
Cas	3 71						Uti	ilities (l	Locat	ted at)							
Ne corner	Utility Attachmer	nts															
Differ Light standard East side Problem (Y/N) No	Telephone								Gas	3							
Approach Road Last Now Explanation of Condition	Power	NE co	rner						Mur	nicipal							
Approach Road Last Now Explanation of Condition Horizontal Alignment 6 6 Hwy 2A on ramp leading up to bridge. Vertical Alignment 7 7 Roadway Width (m) 11.000 Approach Bump 6 6 Guardrail (Y/N) Yes 4 dents Guardrail (m) 63.000 Current Standard (Y/N) No Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)	Others	Light s	standard E	ast side					Pro	blem (Y	/N)	No					
Horizontal Alignment Horizontal Alignment Frequency Fr	Remarks																
Horizontal Alignment Vertical Alignment 7 Roadway Width (m) Approach Bump Guardrail (Y/N) Yes Guardrail Length (m) Current Standard (Y/N) Termination Type Turned Down Drainage Hwy 2A on ramp leading up to bridge. 4 dents No FLEAT Concrete drain trough damaged @ NE corner (photo)								Approa	ch R	oad							
Vertical Alignment 7 7 Roadway Width (m) 11.000 Approach Bump 6 6 Guardrail (Y/N) Yes 4 dents Guardrail 3 5 No FLEAT Length (m) 63.000 Fleat No FLEAT Current Standard (Y/N) No Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)						L	ast	Now	· ·								
Roadway Width (m)									Hwy	Hwy 2A on ramp leading up to bridge.							
Approach Bump 6 6 Guardrail (Y/N) Yes 4 dents Guardrail 3 5 Length (m) 63.000 Current Standard (Y/N) No Termination Type Turned Down Drainage 4 Concrete drain trough damaged @ NE corner (photo)							7	7									
Guardrail (Y/N) Yes 4 dents Guardrail 3 5 Length (m) 63.000 Current Standard (Y/N) No Termination Type Turned Down Drainage 4 dents No FLEAT 4 dents No FLEAT				11.000													
Guardrail Length (m) Current Standard (Y/N) Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)						6	6										
Length (m) 63.000 Current Standard (Y/N) No Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)	, ,			Yes					4 de	4 dents							
Current Standard (Y/N) No Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)						3	5	No FLEAT									
Termination Type Turned Down Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)																	
Drainage 4 4 Concrete drain trough damaged @ NE corner (photo)																	
Approach Road General Rating 6 6	Drainage					4	4	Cor	ncrete di	rain tr	ough (damaged @ I	NE co	rner (photo)			
	Approach Road	Approach Road General Rating					6	6									

					Supers	tructure
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : CT, 4 Spa	ans, Len	gths(n	n): 14.6-20.1-2	20.1-14	.6, A-Id	ent Number:)
Special Features						
Special Feature					X	
(Type:)						
Special Feature					X	
(Type:)						
Wearing Surface/Deck To	p Detail F	Ratings	i			
N (%)	1 (%)		2 (%)	3 (%)		
Last 0	()	0		0	
Now						
Wearing Surface				4	4	30% of chip seal worn off in east lane only (photo)
(Material Type : CONCE	RETE - C	ONVE	NTIONAL CH	IP SEA	L	
COAT)						
(Thickness(mm): 50)						
Deck Top				N	N	FRSF overlay.
Deck Rideability				7	7	
_ Jon Madability				L '		
Deck Joints				8	8	
Temperature (deg. C)	1	10				
(Expansion Type : GLAI	ND (WAE	30-MA	UER, TRANS	FLEX,	ETC))	
(Fixed Type :)						
Gap Size (mm)		Gap L	ocation			
55		North	abutment			
60		South	abutment			
Deck Drainage				7	7	
Drains Clogged (Y/N)	1	No				
Curbs/Median				8	7	
(Curb Type : Standard)						
Scaling (Percent Area)	C)				
Bridge Rail				9	8	
(Type : GALVANIZED S	STEEL B	RIDGE	TUBE;BRID	GE TUE	3E)	
Bridge Rail Posts				9	8	
(Type : GALVANIZED F	OST ST	EEL)				
Bridge Rail/Posts Coating				8	8	
(Type : GALVANIZED)						
Sidewalk				Х	Х	
Girders				5	4	Narrow flexural shrinkage cracks. Spall on G1SP1 @ South end 200mmx300mm not related to strand. (photo)
						(prioto)
Diaphragms/Cross Frame				5	5	Girders are jammed against anchor bolts at North abut & 10%
						diaphragms cracked.
Bearings				5	5	No change in gap size at South abut indicates potential issueNo
Temperature (deg. C)	1	10		J		visible signs of distress.
(Expansion Type : SLID						Girders are jammed against abutments.
(Fixed Type : PINNED E						
Coating Adequate (Y/N)		No				
Functioning (Y/N)		No				
Deck Underside	'			5	5	Transverse cracks in the deck underside.
Stains (Percent Area)	1	l		J	J	1 crack in S2 has effloresence and rust staining. Numerous patches.
Glains (Felcent Alea)						

			Supers	tructure				
Bridge Component		Last	Now	Explanation of Condition				
(Primary Span : CT, 4 Spans, Le	ngths(m): 14.6-20.1-2	20.1-14	.6, A-Id	ent Number:)				
Span Alignment Problems								
Vertical (Y/N)	No							
Horizontal (Y/N)	No							
Superstructure General Rating		5	4					
			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Abutments		Lust	11011	Explanation of condition				
Bearing Seats		7	6					
Backwalls/Breastwalls		6	6					
Wingwalls		7	7					
Piles		N	N					
Paint/Coating		Х	X					
Abutment Stability		5	5					
Scour/Erosion		7	4	North headslope protection undermined.				
Piers/Bents								
(Type : PIER-COLUMN)								
Bearing Seats/Caps		7	7					
(Type : CONCRETE)								
Pier Shaft/Piles		7	4	Delam crack pier 2 pile 3.				
Nose Plate		X	X					
Paint/Coating		X	X					
(Colour Description :)								
(Colour Code :)								
Pier Stability		7	7					
Scour		X	X					
Debris (Y/N)	No							
Substructure General Rating		5	4					
				re Usage				
0.1.0		Last	Now	Explanation of Condition				
Grade Separation								
Road Alignment		8	8					
Traffic Safety Features		4	4	One top rail section broken				
Туре	Chain link fence							
Slope Protection		4	4	2 panels failed at north H.S. Erosion under slope protection has				
(Type : CONCRETE; CONCRE	ETE)			undermined (photo)				
Bank Stability		7	7					
Drainage		7	7					
Grade Separation General Rati	ng	4	4					

Bridge Inspection & Maintenance System (Web 2005)

				Main	tenance Recommend	dations					
Inspector Recommendations			Year Inspector Comments			Department Com	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLAC	CE BRIDGE RAIL										
GALVANIZE/PAIN	NT BRIDGE RAIL										
RETROFIT BRID	GE RAIL										
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLAC	CE DECK JOINTS										
RESET/ PAINT B	BEARINGS										
WASHING											
SHOTCRETE RE	PAIRS										
REPAIR ABUTME	ENT SCOUR/EROSI	ON									
PLACE ADDITIO	NAL RIP RAP										
REMOVE DRIFT	ACCUMULATION										
OTHER ACTION		2	2013	Repair concrete headslo mudjack concrete tiles.	pe and erosion -						
OTHER ACTION		2	2013	Patch delam in pile 3 pi	er2.						
OTHER ACTION			2013	Repair concrete drain tro	ough - remove loose						
OTHER ACTION											
	ition Rating (Last/N	ow) 5	55.6/44. _°		ating (Last/Now)	51.9/44.9	Est. Repl. Yr	2030	Maint. Red	qd. (Y/N)	Yes
Structural Condi		ow) 5	55.6/44.	4 Sufficiency Ra	ating (Last/Now)	51.9/44.9 Department Comments	Est. Repl. Yr	2030	Maint. Red	qd. (Y/N)	Yes
Structural Condi (%) Special Comments for	Monitor bearings.	ow) 5	55.6/44.	4 Sufficiency Ra	ating (Last/Now)	Department	Est. Repl. Yr		Maint. Red		Yes
Structural Condi (%) Special Comments for Next Inspection	Monitor bearings.	ow) 5	55.6/44.	4 Sufficiency Ra	ating (Last/Now)	Department Comments	Est. Repl. Yr				Yes
Structural Condi (%) Special Comments for Next Inspection Maintenance Rev	Monitor bearings. //iewed By	ow) 5	55.6/44.	4 Sufficiency Ra	ating (Last/Now)	Department Comments	Est. Repl. Yr				Yes
Structural Condi (%) Special Comments for Next Inspection Maintenance Rev Proposed Long-T	Monitor bearings. //iewed By	ow) 5	55.6/44.	4 Sufficiency Ra	ating (Last/Now)	Department Comments	Est. Repl. Yr				Yes
Structural Condi (%) Special Comments for Next Inspection Maintenance Rev Proposed Long-T On 3-Year Progra	Monitor bearings. Moserviewed By Ferm Strategy am (Y/N)	ow) 5		4 Sufficiency Ra		Department Comments	Est. Repl. Yr				Yes
Structural Condi (%) Special Comments for Next Inspection Maintenance Rev Proposed Long-T On 3-Year Progra Proposed Action	ition Rating (Last/N Monitor bearings. viewed By erm Strategy am (Y/N)		Hall	4 Sufficiency Ra	Previous	Department Comments Date	Est. Repl. Yr				Yes
Structural Condi (%) Special Comments for Next Inspection Maintenance Rev Proposed Long-T On 3-Year Progra Proposed Action Previous Inspecto Next Inspection D	ition Rating (Last/N Monitor bearings. viewed By erm Strategy am (Y/N)	Shane H	Hall	4 Sufficiency Ra	Previous	Department Comments Date Assistant's Name					Yes