							В	ridge Ir	nspecti	ion						
Bridge File Number 08196 -1 Bridge										Form Type		SG				
Year Built/Year 1958/1958								Lot No.		2						
Supstr										Inspector Name			Wade Nanninga			
Bridge or Town Name LA COREY									Inspector Class		BR CLS A					
Located Over BEAVER RIVER, 7,					7, WATE	· WATEDODG_GT			Assist	Assistant Name						
Located On 41:24 C1 13.455									Assist	ant C	lass					
Water Body Cl./	Year								Inspe	ction	Date		09-Apr-2012	•		
Navigabil. Cl./Year									Data I				Lisa Fairhurs			
Legal Land Location SW SEC			SEC 3	C 30 TWP 62 RGF 5 W4M								24-Apr-2012	-			
Longitude, Latitude -110:45:			:45:19	5.10 51.23.20									Eric Carcoux			
			erta Transportation (AIT)						Review Date			17-Apr-2012				
Contract Main. A	Area	CMA	80								ewer N	ame				
Clear Roadway/	Skew	13 / :	30 de	g. (RHF)						ew Date		04-May-2012			
AADT/Year		4,02	0 / 20	11 (A)					Follow				04-101ay-2012			
Road Classificat	tion	RAU	-213.	4-110					_ I Ollow	ν- υ ρ 1	Ју					
Detour Length (I	km)	35														
Allowable Load	<u> </u>	gle	CS1 2	28		Semi	CS	S2 49			Train	cs	3 62		> On Critic	al Spans ember
Design Loading:			MS30	00											> Primary Span	
							Ро	sting Ir	nforma	tion						
Required Load F	osting	(t)			Single				S	emi				Truc	k Train	
Posted Loading (t)				Single					S	Semi			Truck Train			
Posted:	Lane	N	IB	At Junction (Y		tion (Y/N	1)	No	In	In Advance (Y/N)		No			No	
Posted: Lane SB		В	At Junction (Y		tion (Y/N	N) No		In Advance (Y/N)		No At Br		ridge (Y/N)	No			
Remarks	Not re	quire	d.			•					,	•				
Hazard Marker At Bridge (Y/N) No																
Remarks		90 (17		Require	d.											
Other Sign Types "Beaver River" @ NW Bridge plaque @ SE				@ NW o @ SE and	dŃV				photo)							
								ilities (L	Located	d at)						
Utility Attachme	nts T	ELEP	HON	E UTILIT	ΓIES-PH	IONE LII	NE									
Telephone	West	r/w.							Gas							
Power	3 wire	s OH	30 m	East of	c/l.				Munic	•						
Others	WSC	@ SV	٧.						Proble	em (Y	/N) N	No				
Remarks																
								Approa								
						L	ast	Now	-		n of C					
Horizontal Align							7	7	Intersection to north of bridge.							
Vertical Alignme	ent						5	5	Steep grade to north + 5%. Climbing lane to North of bridge.							
Roadway Width (m)			13.900							settle	settled creating dip/bump, more severe for heavy			e for heavy		
Approach Bump	1						4	4	trucks	•						
Guardrail (Y/N)				Yes					Radiu	s type	e @ N\	V to a	accommodate	e loca	l road jct. Not	thrie beam
Guardrail						7	7	แลกรท	ransition & insufficient posts - photo							
Length (m)				99.000												
Current Standard (Y/N)			No													
Termination T	уре			Turned	Down											
Drainage	•				3	4		·		cracked/broken						
						-	No dra	aın tro	oughs i	nstall	led on North	end				
Approach Road	d Gene	ral R	ating				3	5								

						Supers	tructure				
Bridge Comp	ponent				Last	Now	Explanation of Condition				
		ıns, Len	qths(r	n): 34-24.8-2			t Number: A1041-01)				
Special Feat			- 		,		,				
Special Featu						X					
(Type:)											
Special Feat	ure					X					
(Type:)	<u> </u>										
	ace/Deck Top	Detail R	atings								
rroaming our	N (%) 1 (%) 2 (%)				3 (%)						
Last	(75)	(,,,		_ (,,,	(,,,						
Now	0.0	0.0	0	0.0	C	0.0					
Wearing Surf	face	<u>'</u>			6	6	Chipseal worn in wheelpaths.				
	ype : ACP - C (ONVENT	ΓΙΟΝΑ	L CHIP SEAI		_	John John III III III III III III III III III I				
(Thickness						• /					
Deck Top	(11111) 1 00)				N	N					
Deck 10p						IN					
Deck Rideab	ility				7	7					
						-					
Deck Joints					3	4	North abutment joint concrete paving lip delam / potholesphoto -				
Temperatu	<u> </u>	0					filled columns				
OR SLIDIN	(Expansion Type : ARMOURED GLAND (WABO UNIOR SLIDING PLATES))						Paving lip @ S abutment spalled creating pothole, 780mmx350mmphoto filled with cold mix - beginning to unravel				
(Fixed Type											
Gap Size (r	mm)		Gap L	ocation			(Water on S. and N abut seats indicates joints leaking 14Jul/10)				
60			South	abutment			-				
70			North	abutment							
Deck Drainag	ge				7	7					
Drains Clog	gged (Y/N)	N	lo								
Curbs/Media	n				4	4	Approx 20% of the top parging has peeled from the top of the curbs -				
(Curb Type	: Standard)						photo. Inside face of both curbs have numerous small spalls - photo.				
Scaling (Pe	ercent Area)	20	0				Underside of curb @ SW corner has 300x300 spall-photo.				
Bridge Rail					8	8					
	LVANIZED ST	TEEL BE	RIDGE	TUBE)			10% post grout pads have delam - photo.				
Bridge Rail P				, ,	4	4	Post base plate rusting approx 10%- photo.				
	LVANIZED PO	OST STE	EEL;G	ALVANIZED	POST						
Bridge Rail/P	osts Coating				4	4					
	LVANIZED)						1				
Sidewalk	,				Х	Х					
Girder/Beam	1										
Cover Plate	e				XX		Visual inspection from abutments.				
Flange					8	8	Bridge in bottom of vertical sag curve, girders have sag profile. S2 & S3 girders not accessible, rated what's visible.				
Web					8	8	- 02 & 00 girders not accessible, rated what's visible.				
Stiffeners					8	8					
Splice					8	8	1				
Weld					8	8					
Diaphragms/	Cross Frame				8	8					

Bridge Component (Primary Span : WG, 4 Spans, Lengths(m): 34-24.8-24.9-28 Paint Condition (Colour Description :) (Colour Code :) Touchup Required (Y/N) Bearings Last	t Nc 8, A-Id	ow	Weathering steel.
Paint Condition 8 (Colour Description :) (Colour Code :) Touchup Required (Y/N) No		dent 8	Weathering steel.
(Colour Description :) (Colour Code :) Touchup Required (Y/N) No			J
(Colour Code :) Touchup Required (Y/N) No		5	
Touchup Required (Y/N) No		5	
		5	
Bearings 4		5	
	WITH		All abutment bearings missing double nut. Missing total of 20 large
Temperature (deg. C) 0	WITH		nuts & 20 thin nuts at abutments
(Expansion Type : REINFORCED NEOPRENE BEARING TEFLON AND STAINLESS STEEL)		1	
(Fixed Type: REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)	1		
Coating Adequate (Y/N) Yes			
Functioning (Y/N) Yes			
Deck Underside 8		5	Cracking with effloresence staining @ N pier
Stains (Percent Area) 1			cracing mar chicocrac claiming of the
Span Alignment Problems			
Vertical (Y/N) No			
Horizontal (Y/N) No			
Superstructure General Rating 4		5	
Superstructure General Nating 4		3	
	Su	ıbstr	ucture
Bridge Component Last	t No	ow	Explanation of Condition
Abutments			
Bearing Seats/Caps 4		4	Fill settled full length of N. abut creating void below concretephoto Horiz. cracking at NE
(Type : CONCRETE)			Horiz. Cracking at NE
Backwalls/Breastwalls 6		6	
Wingwalls 7		4	Spall @ NE corner-photo
Piles N		N	
Paint/Coating 5		6	
Abutment Stability 8		8	
Scour/Erosion 8		4	Settld fill & erosion gulley@ N abut 0.2 x 0.2 x 8m
Piana /Panta			
Piers/Bents (Type : RIER SOLID)			
(Type: PIER-SOLID)		_	Piers viewed from banks - not accessible.
Bearing Seats/Caps 8		3	
(Type : CONCRETE)			O delege Court for a Court wing (4000) what
(Total Number of Bearing Piles : 0:0:0)		_	3 delams South face South pier (4m2) - photo.
Pier Shaft/Piles 4 Bracing/Struts/Sheathing X		4 X	
Nose Plate 8		8	
Paint/Coating 6		6	off white
(Colour Description :)			
(Colour Code :)			
Pier Stability 8		8	
Scour 7		N	
Debris (Y/N) No			

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Substructure General Rating		4	4								
		6	Awar a fran	ra Llagge							
			Now	re Usage Explanation of Condition							
Channel		Lasi	INOW	Explanation of Condition							
(U/S Direction : E)											
(D/S Direction : W)											
,		8	6	45degree bend u/s 100m							
Alignment			-								
Bank Stability		6	6								
HWM (m below Top of Curb)				not visible							
Drift (Y/N)	Yes										
Slope Protection		4	4	Erosion gully under S4G3 @ A2. Void under A2 cap/seat - photo.							
(Type: NATURAL; RIP RAP)				Riprap placed on north headslope, bottom half.							
Guidebank/Spurs		Χ	Х								
Adequacy of Opening		9	9								
(Fish Compensation Measure 1 :	NONE)										
(Fish Compensation Measure 2 :	·										
Channel General Rating		4									
Chamber Control Ruthing		•	4								

Bridge Inspection & Maintenance System (Web 2005)

			Maint	enance Recommen	dations					
Inspector Recommendations	Year	Inspector	Comments		Department Cor	nments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL										
GALVANIZE/PAINT BRIDGE RAIL										
RETROFIT BRIDGE RAIL										
SEAL CURBS	2012	Patch/sea	al. Repair spall (© SE corner.						
PATCH DECK										
SEAL DECK										
OVERLAY DECK										
REPAIR/REPLACE DECK JOINTS	2012	(Replace Flood join	gland in both at	outment joints. kage. If not done)						
RESET/ PAINT BEARINGS										
REPAINT SUPERSTRUCTURE										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
SHOTCRETE REPAIRS										
REPAIR ABUTMENT SCOUR/EROSION	2012	Fill void u	nder A2 & repai	r erosion gully.						
PLACE ADDITIONAL RIP RAP			·							
REMOVE DRIFT ACCUMULATION										
OTHER ACTION	2012	Erect haz	ard markers at a	all corners.						
OTHER ACTION	2012	Upgrade	approach guard	rail to meet standard						
OTHER ACTION	2012	Patch bot	th approaches to	remove bump.						
OTHER ACTION	2012	Patch P1	South face dela	ms.						
OTHER ACTION										
OTHER ACTION										
OTHER ACTION	2012	Repair sp	all at A2 @ NE	corner.						
OTHER ACTION	2012	Install dra	ain trough or sco	ur stop @ NE corner						
OTHER ACTION	2012	Patch SV	//SE drain troug	h						
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/Now) (%)	44.4/50		Sufficiency Ra	ting (Last/Now)	34.6/47.8	Est. Repl. Yr	2038	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	Shane Hall	Previous Assistant's Name			
Next Inspection Date	09-Jan-2014	Previous Inspection Date	14-Jul-2010		
Inspection Cycle (Default) (months)	21				
Comment					