					В	ridge Ir	spectio	on							
Bridge File Number 7	'4225 -1	Bridge				Form Type			РТ ТТ						
	ar 1956/1956						Lot No				2				
Supstr	idge or Town Name LAC STE ANNE							Inspector Name			Arnold Assenheimer				
	cated Over STURGEON RIVER, 6.65, WAT							Inspector Class			BR CLS A				
							Assistant Name								
							Assista	ant C	lass						
Water Body Cl./Year							Inspection Date 27-Jul-2012								
Navigabil. Cl./Year  Legal Land Location N	IE SEC	2 TMD 5	5 RGE 4	\			Data E	Data Entry By Theresa Lacusta							
				IVICVV			Data E	Data Entry Date 15-Aug-2012							
		17, 53:43	.40 ation (AIT	`\			Review				Eric Carcou				
		NED CM	•	<u>)                                    </u>			Review				06-Aug-2012				
	'.3 /	ALD CIVIA	<u> </u>				Dept. F				Brent Herric				
	.5 / 280 / 201	2 (F)					Dept. F			9	16-Aug-2012	2			
	RLU-207						Follow	-Up E	Зу						
	6	0 00													
Allowable Load (t): Singl		28		Semi	cs	2 49	ı	1	Train		3 67 RINGER		> On Critical Spans >Critical Member		
Design Loading:	HS1	5								1-	> Primary Span				
					Ро	sting Ir	nformat	ion					j		
Required Load Posting (t	t)		Single				Se	Semi			Truc	k Train			
Posted Loading (t)			Single			19.0	Se	emi	ni		27.0	Truck Train		41.0	
Posted: Lane	NB		At Juncti	ion (Y/N	Y/N) No		In.	In Advance (Y/N)		Yes	At Bridge (Y/N)		No		
Posted: Lane	SB		At Juncti	ion (Y/N	Y/N) No		In.	In Advance (Y/N)		Yes	At Bridge (Y/N)		No		
Remarks															
Hazard Marker At Bridge	(Y/N)	Yes													
Remarks		Damag	ed bridge	file plac	que,	NW tru	SS.								
Other Sign Types		Speed !	50 km/hr,	curve, i											
Litility Attachments					Uti	lities (L	ocated.	at)							
Utility Attachments							Gas								
Telephone Power							Municipal								
Others							Problem (Y/N) No								
Remarks															
Remarks						Approa	ch Roa	d							
				La	ıst	Now	Explanation of Condition								
Horizontal Alignment					6	6	Curve to east and west.								
Vertical Alignment					8	8									
Roadway Width (m)		7.500					Gravel South, paved North.								
Approach Bump					5	8		Graver South, paved North.							
Guardrail (Y/N)		Yes					Too lov	w, 34	l0mm h	nigh t	o c/l of rail. Ir	nsuffic	cient posts. 2 p	ost to rail	
Guardrail				3	3	bolts a	t SW	. 2 bro	ken p	oosts at SE, 1	at S	W			
Length (m) 61.000						1									
Current Standard (Y/N)	)	No													
Termination Type		Turn Do	own												
Drainage					6	4	Hole w		ed out a	at SE	and erosion	@ NE	from road dra	ainage	
Approach Road Genera	al Rating	9			6	6									

					,	Supers	tructure
Bridge Com	ponent				Last	<u> </u>	Explanation of Condition
		ıs, Len	gths(m):	6.1-30.5-6.1	l, A-Ide		mber: A0255-01)
Special Feat	ures						
Special Feature						X	
(Type:)	(Type:)						
Special Feat	ure					X	
(Type:)							
Wearing Surf	ace/Deck Top	Detail I	Ratings				
	N (%)	1 (%)	2	(%)	3 (%)		
Last							
Now							
Wearing Surf	ace/Deck Top				7	7	
(Material Ty	ype : <b>COPPE</b> R	CHRC	MATE AF	RSENATE 1	ΓREAT	ED	
(Plank Thic	kness(mm) : <b>7</b>	<b>(5</b> )					
(Plank Wid	th(mm) : <b>300</b> )						
Deck Rideab	ility				7	7	
Deck Joints					Х	X	
Temperatu							
(Expansion (Fixed Type							
Gap Size (r	·		Gap Loca	ation			
Oap Oize (i			Cap Loca	ation			
Curbs/Wheel	Guards				5	5	Minor scrapes and some cracked blocks but still functional.
	: Standard)						
	EATED TIMBE	ER)					
(Thickness							
(Width(mm)							
Bridge Rail					4	4	Double layer. Missing 4 bolts @ each lap connection. Attached to the
	LVANIZED ST	EEL F	LEX BEAI	M)			verticals. Transition bracket to batter posts only allows for 1 bolt and flexbeam is cut at an angle. Connector broken @ SE. Missing 3 bolt
	osts/Blocking				4	4	NW steel end posts rail not connected to steel post @ end of truss
(Type : PO	ST STEEL;PO	ST ST	EEL)				and 1 at NE.
Bridge Rail/P	osts Coating				6	6	
(Type : PAI	NT)						
Sidewalk					Х	X	

					Supers	tructure
Bridge Component					Now	
(Primary Span : PT, 3	Spans	. Lenaths(n	n): 6.1-30.5-6			•
Wide Load Damage (Y		Yes	,			Minor dent in bottom flange of L0U1E. Minor kink in U1L2W.
Top Chord	,,			7	7	
Batter Posts				6	6	Missing 2 cover plate bolts on each BC above bearings, all corners.
Diagonals					6	1 bolt missing at inside bottom of U1L1E at L1.
Verticals					6	Missing mid bolt & hanger bolt in bay 1.
Connections				6	4	
Floor Beams					6	9/bay.
Bottom Chord				6	6	Refer to 2009 UT report.
Lateral Bracings				4	4	Trefer to 2003 of Teport.
(No. of Stringers : <b>54</b> )						
Stringer Detail Ratings						
N (count	) 1	I (count)	2 (count)	3 (cou	ınt)	
Last	,	. (000)		(33)	,	
Now						
Stringers			'	6	6	
(Type : STEEL)						1
(Width(mm) : <b>170</b> )						
(Depth(mm) : <b>360</b> )						
(Spacing(mm) : <b>853</b> )						
Paint Condition				3	3	Superficial corrosion blooming through on 10% of area.
(Colour Description :	)					Blue and silver.
(Colour Code : )	,					
Touchup Required ()	//N)	No				
Bearings	711)	110		4	4	Expansion bearings at SE expanded 77mm and SW 74mm with bent
Temperature (deg. C	)	28				anchor bolts and missing washers and nuts. Roller nest cage caught
(Expansion Type : R			ARING)			up against AB's. Truss is jammed. SW disc dome displaced 3mm in expanded position.
(Fixed Type : DISC &						
Functioning (Y/N)		Yes	-)			
Sub Deck/Deck Unders	side	. 00		5	5	Some planks 150 x 305.
(Material Type : TRE		TIMBER)		0		Come planks 100 x 000.
(Plank Thickness(mr						
(Plank Width(mm) : 4		<b>U</b> )				
Defects (Percent Are		5				
Span Alignment Prob		J				
Vertical (Y/N)	.01113	No				
Horizontal (Y/N)		No				
Superstructure Gene	ral Pa			4	4	
Superstructure Gene	iai Na	ung		-	*	
				:	Supers	structure
Bridge Component				Last	Now	Explanation of Condition
(Secondary Span : TT)						
Special Features						
Special Feature					X	
(Type:)						
Special Feature					X	
(Type:)						
Wearing Surface/Deck	Top D	etail Ratings	3			
N (%)	1	l (%)	2 (%)	3 (%)		
Last						
Now						

						Supers	structure
Bridge Comp					Last	Now	Explanation of Condition
(Secondary S	pan : <b>TT</b> )						
Wearing Surf	ace/Deck Top	,			7	7	
(Material Ty TIMBER)	pe : COPPER	₹ CHRC	OMATE	ARSENATE	TREA	ΓED	
(Plank Thickness(mm) : <b>75</b> )							
(Plank Widt	th(mm) : <b>300</b> )						
Deck Rideabi	lity				7	4	
	Wheel Guards					4	Wheelguards are attached to the subdeck only and not to the stringers as they should be. Missing nut @ NW connector WG to
	: Standard)						post.
` •	EATED TIMBE	ER)					
(Thickness)	·						
(Width(mm)	: 305)					_	<u> </u>
Bridge Rail					4	4	Double layer.  Broken bolts @ connection from TT span to truss @ SE on transition.
	LVANIZED ST	ΓEEL F	LEX B	EAM)			Missing 4 bolts @ each lap connection. Missing 1 stringer to post bolt
Bridge Rail P					4	4	at NW corner and 1 nut washer on post to rail bolt at NE corner.
` •	EATED TIMBE	ER;TRE	EATED	TIMBER)			
Bridge Rail/P					6	6	
(Type : GAI	LVANIZED)						
(No. of String							17/span x 2.
Stringer Deta		1.		<u> </u>	Ι.		
	N (count)	1 (cou	unt)	2 (count)	3 (co	unt)	150 x 400 west span.
Last							
Now							_
Stringers					6	6	
	EATED TIMBE	<b>=K</b> )					
(Width(mm)	•						_
(Depth(mm)	•						_
(Spacing(m						T	
Sub Deck/De		D TIME			5	5	
	/pe : TREATE		BEK)				_
	kness(mm) : 1	100)					_
Defects (Pe	th(mm) : <b>300</b> )		1				_
	ent Problems		1				
Vertical (Y/I			No				
Horizontal (	<u> </u>		No				_
	ure General R		110		5	5	
						Cuba	winds in a
Bridge Comp	onent				Last		Explanation of Condition
Abutments	JOHEHL				Last	INOW	Explanation of Condition
	Backwall Piles	S (Y/N) :	: <b>Y</b> )				
				: 2000)			
(Extended Backwall Piles Spacing(mm) : 2000) (Total Number of Caps/Corbels : 5:3)						300 x 300 x 3 @ South abutment.	
Bearing Seats/Caps/Corbels Detail Ratings							
N (count) 1 (count) 2 (count)			3 (co	unt)	4 stacked caps at North abutment. Double 305 x 305 with 100 x 305 top and bottom.		
Last						,	
Now							
Bearing Seats	s/Caps/Corbel	ls			6	5	
	EATED TIMBE						
(Depth(mm)							
(Width(mm)	: 300)						

					Cubat	ructure
Bridge Com	nonont			Last	Now	Explanation of Condition
				5	5	Explanation of Condition
Backwalls/Br		1.40		5	) 5	
Greatest H	eigni (m)	1.40		1	1	CE corner has lesse plants. Wing pile NIM 9 NE corners have ret in
Wingwalls				4	4	SE corner has loose planks. Wing pile NW & NE corners have rot in tops. Extended backwalls to form wings.
(Total Number	er of Bearing	Piles : <b>7:7</b> )				1 abandoned pile too low to meet cap, ok. Only 3 piles visible @ the
Piles Detail R	Ratings					North abutment. Subcap piles not visible. Only top 150mm visible at abutment 1.
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	6					
Now	6	0	0		0	
Piles			·	5	5	
Paint/Coating	9			Х	Х	
Abutment Sta	ability			7	7	
Scour/Erosio	n			7	7	Concrete slope protection.
Piers/Bents						
(Type : PIE	R-SOLID)					4- 300 x 300 for approach span South.
	er of Caps/Co	rbels : <b>4:4</b> )				2- 300 x 300 and 2 - 150 x 300 North pier. Settlement under pier 1 has left a 200mm gap.
_	ng Seats/Caps/Corbels Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (cou	unt)	Vertical crack @ SE in approach soan support concrete.
Last						
Now						
Bearing Seat	Bearing Seats/Caps/Corbels			6	5	
(Type : CO	NCRETE)					
(Depth(mm	1):)					
(Width(mm	):)					
(Total Number	er of Bearing	Piles : <b>0:0</b> )				Piles not visible.
Piles Detail R	Ratings					
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last						
Now						
Pier Shaft/Pil	es			7	7	
Greatest H	eight (m)	2.00				
Bracing/Strut	s/Sheathing			X	X	
Nose Plate				Х	X	
Paint/Coating	]			Х	Х	
(Colour De	scription : )					
(Colour Co	de : )					
Pier Stability				7	7	
Scour				7	7	
Debris (Y/N)		No				
Substructure	Substructure General Rating			6	5	
					Structu	re Usage
				Last	Now	Explanation of Condition
Channel						
(U/S Directio	n : <b>W</b> )					Lake both sides.
(D/S Directio	n : <b>E</b> )					
Alignment				7	7	

	Structure Usage											
		Last	Now	Explanation of Condition								
Bank Stability		7	7									
HWM (m below Top of Curb)				HWM not visible.								
Drift (Y/N)	No			Old piles.								
Slope Protection			5	Uneven settlement/protection, adequate.								
(Type: NATURAL; NATURAL)												
Guidebank/Spurs			X									
Adequacy of Opening			7									
(Fish Compensation Measure 1	: NONE)											
(Fish Compensation Measure 2	: NONE)											
Channel General Rating		5	5									

				Maintenance R	ecommend	ations					
Inspector Recommendations		Year	Inspecto	r Comments		Department Cor	mments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		2012	Repair br	roken connector, add splice equired. Raise approach rai	bolts. New						
RETROFIT BRIDGE RAIL											
PATCH DECK											
REPLACE STRIP DECK											
REPLACE SUB DECK											
RESET/ PAINT BEARINGS		2012	Reset pie	er 1 roller nest bearings. Ad	dd A/B nuts.						
REPAINT SUPERSTRUCTURE		2012	notch. Ins	aighten 4 members and grin stall 1 structural bolt. Install s. Install 1 hanger bolt. Inst ts on bottom chord. (See U	l 4 steel tall 8 cover						
STRAIGHTEN/REPLACE MEMBERS		2012	Repaint	superstructure.							
WASHING											
CORE TIMBER CAPS/CORBELS											
REPAIR/REPLACE TIMBER CAPS											
REPAIR ABUTMENT SCOUR/EROSI	ON										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION		2012	Replace	3 broken approach rail pos	its.						
OTHER ACTION		2012	Patch ap	proach hole SE & erosion	NE.						
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No. (%)	ow)	55.6/50.0	0	Sufficiency Rating (Last/	Now) 6	63.9/61.1	Est. Repl. Yr	2030	Maint. Red	d. (Y/N)	Yes
Special Comments for Next Inspection						Department Comments					
Maintenance Reviewed By						Date		E	Estimated Total	0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Garry F	Roberts			Previous /	evious Assistant's Name Randy Bredo					
Next Inspection Date	27-Oct-				1	Inspection Date	30-Jun-2009				
Inspection Cycle (Default) (months)	39						11.000				
Comment											