								Bridge I	nspe	ection							
Bridge File Number 07848 -1 Bridge					Ĭ		rm Type	Type PCS									
Year Built/Year 1979/1979							Lot No.		2								
Supstr							Inspector Name			Melanie Johnson							
Bridge or Town Name CALAHOO				TEDODS ST			Inspector Class			BR CLS B							
Located Over STURGEON RIVER, 6.65 Located On 37:02 C1 22.848				5, WATERCRS-ST			As	Assistant Name									
Located On	Vaar	37:0	J2 C1	22.848						Assistant Class							
Water Body Cl./Year									Inspection Date 08-Nov-2011								
Navigabil. Cl./Year Legal Land Location NW SEC			22 TWD 54 DCF 27 W4M								Theresa Lacusta						
			33 TWP 54 RGE 27 W4M						Data Entry Date			19-Nov-201					
Longitude, Latitude -113:55:54 Road Authority Alberta Tr			ransporta		T)			-	viewer l			Eric Carcoux					
Contract Main. A	\rea	CM		апороги	20011 (711	<u>'</u>			-	view Da			13-Nov-201				
Clear Roadway/		10.1								pt. Revi			Brent Herric				
AADT/Year	<u> </u>	_)10 (A)						pt. Revi		9	15-Dec-201	1			
Road Classificat	ion		J-209						Fo	llow-Up	Ву						
Detour Length (I		6															
Allowable Load		ngle	CS1	28		Semi	C	CS2 49			Train	cs	3 62	3 62		> On Critical Spans >Critical Member	
Design Loading:			MS2	3										> Primary Span			
							Ŀ	Posting I	nfor	mation							
Required Load Posting (t)				Single					Semi	i			Truck Train				
Posted Loading (t)			Single						Semi				Truck Train				
Posted:	Lane	-	EB		At Junc	tion (Y	/N)	No		In Adv	ance (Y	/N)	No At Bridge (Y/N)			No	
Posted:	Lane	\	WB		At Junc	tion (Y	/N)	No		In Adv	ance (Y	/N)	No	At B	ridge (Y/N)	No	
Remarks Not req'd.																	
Hazard Marker At Bridge (Y/N) No																	
Remarks Not req'd.																	
Other Sign Types						ltilities (-4l4\									
Utility Attachmer	Utilities (Located at)																
Telephone	South	row							Ga								
Power	North			re OH					-	ınicipal							
Others										•	em (Y/N) No						
Remarks										,	. ,						
								Appro	ich F	Road							
							Las	t Now		Explanation of Condition							
Horizontal Aligni							6		Bridge is between 2 curves, no passing, limited sight distaintersection to west. File tag missing. Slot for bridge plaques			stance. "T"					
Vertical Alignme	nt						7	7	SV	V corner	s but no	pla	que installed.	j. 3101	Tor bridge pla	que at NE &	
Roadway Width (m) 7.900							Ар	proach l	bumps a	at bo	th ends caus	e traff	ic to bounce o	nto deck.			
Approach Bump				4	4												
Guardrail (Y/N) Yes																	
Guardrail					5	5											
Length (m)	Length (m)			34.200					Dit	Ditch erosion @ NE corner ~10mx1.5mx1.0		.0m-photo					
Current Standard (Y/N)			No														
Termination Ty	Termination Type Turned Down																
Drainage							5	4									
Approach Road	Approach Road General Rating						6	6									

				,	Supers	tructure
Bridge Com	ponent			Last		Explanation of Condition
(Primary Spa	n : SM, 3 Spa	ns, Lengths(m): 11-11-11,	A-Ident	Numb	per:)
Special Feat	ures					
Special Featu	ıre				Х	
(Type:)						
Special Featu	ıre				Х	
(Type:)						
	ace/Deck Top	Detail Rating	 S			
	N (%)	1 (%)	2 (%)	3 (%)		
Last						
Now						
Wearing Surf	ace	•	•	4	4	Asphalt has random wide cracks.
(Material Ty						Wide cracks over girder lines. Wide cracks over piers.
(Thickness						
	ection Problen	n Yes				
(Y/N)		1 100				
Deck Top				N	N	
Deck Rideab	ility			5	5	
Daala laista				N.	- NI	
Deck Joints	<u> </u>	\ <u>\</u>		N	N	Covered with asphalt.
Bump (Y/N		Yes		_		
Deck Drainaç				5	5	No deck drains.
Drains Clog		No			1	
Curbs/Media				5	5	Spall @ top of curb over NE pier.
	: Standard)					
Scaling (Pe	ercent Area)	0				
Bridge Rail				4	4	1 bolt missing for tube exp, south side over east pierphoto
(Type : GA	LVANIZED ST	TEEL BRIDGE	E TUBE)			
Bridge Rail P	osts			7	7	
(Type : GA STEEL)	LVANIZED PO	OST STEEL;	SALVANIZED	POST		
Bridge Rail/P	osts Coating			7	7	
(Type : GA	LVANIZED)					
Sidewalk				X	X	
01.1.5.11						
Girder Detail				- 1		
Last	N (count)	1 (count)	2 (count)	3 (cou		
Last	0	0	1		0	
Now						
Girders				2	4	Typical diagonal cracks @ ends of curb girders & some interior hairline < 0.5 m. Underside of girders are stained at connectors.
	e Inspection D		r-2010			S3G1 has chip on fascia. S1G9 has been patchedphoto
Cracking (Y		Yes				S3G1 spall, 2 exposed, corroding strands. S2G9, S3G9 spall at curb level. S3G1, S2G9 S1G9 hairline ck runs full length on girder
	ercent Area)	1				underside.
Lift or Conne Grouted (Y/N)	Yes				Span 2 viewed from banks. S1G3 hairline crack 8.5m long on underside of girder. Stops 1m shy of P1photo
(Number Of 0	•					1
	ent Problems	S				
Vertical (Y/	N)	No				
Horizontal ((Y/N)	No				
Superstruct	ure General R	Rating		2	4	

					Subst	ructure
Bridge Comp	ponent			Last	Now	Explanation of Condition
Abutments					111011	
	Backwall Piles	(Y/N) : N)			File tags missing.	
	Backwall Piles		n):)			
(Total Numbe	er of Caps/Cor	bels : 1:1)				
	s/Caps/Corbe		ngs			
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	,					
Now						
Bearing Seat	s/Caps/Corbe	ls		7	7	
(Type : CO	•			'		
(Depth(mm						
(Width(mm)						
Backwalls/Br	·			5	5	Staining from leaking joint.
Greatest He		1.00				_ Claiming Horri Caraing Johns.
Wingwalls	oignit (iii)	1.00		7	7	
vviiigwalis						
	er of Bearing F	Piles : 0:0)				
Piles Detail R						
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	100	0	0	(0	
Now	100	0	0	(0	
Piles				N	N	
Paint/Coating	J			X	X	
Abutment Sta	ability			8	5	
Scour/Erosio	n			4	4	West headslope has settled 150mm.
Piers/Bents						
	R-COLUMN)					
	er of Caps/Co	bels : 1:1)				
	s/Caps/Corbe	· · · · · · · · · · · · · · · · · · ·	nas			
9 2 2 2 2	N (count)	1 (count)	2 (count)	3 (cou	ınt)	West view son has small Courth and 9 deleas North and what
Last	(00000)	(000)	(0.000.00)	- (,	West pier cap has spall South end & delam North end photo
Now						
Bearing Seat	s/Caps/Corbe	ls		4	4	
(Type : CO						
(Depth(mm						1
(Width(mm)):)					Too high to measure.
(Total Number	er of Bearing F	Piles : 6:6)				
Piles Detail R		,			1	
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	, ,	,		ì		
Now						
Pier Shaft/Pil	es			6	6	
Greatest He		5.40				
Bracing/Strut				7	7	
Nose Plate				X	X	

			Subst	ructure			
Bridge Component		Last	Now	Explanation of Condition			
Paint/Coating		4	4	Corroding at water line. No paint 1.0m above waterline.			
(Colour Description :)							
(Colour Code :)							
Pier Stability		7	7				
Scour		6	6				
Debris (Y/N)	No						
Substructure General Rating		4	4				
		5	Structu	re Usage			
		Last	Now	Explanation of Condition			
Channel							
(U/S Direction : N)			Beaver dam 5m U/S.				
(D/S Direction : S)				beaver dam 5m 0/5.			
Alignment		7	7				
Bank Stability		7	7				
HWM (m below Top of Curb)	5.0			HWM not visible.			
Drift (Y/N)	Yes						
Slope Protection		5	5				
(Type : RIP RAP)							
Guidebank/Spurs		X	X				
Adequacy of Opening		7	7				
(Fish Compensation Measure 1	: NONE)						
(Fish Compensation Measure 2	: NONE)						
Channel General Rating		5	5				

07848 -1 Bridge

Bridge Inspection & Maintenance System (Web 2005)

			Maintenance Recomm	endations						
Inspector Recommendations	Year	Inspecto	or Comments	Department Cor	mments			Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL										
SEAL CURBS										
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS										
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROSIG	NC									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION	2011	Remove	e beaver dam U/S.							
OTHER ACTION	2011	Patch V	Vest pier cap.							
OTHER ACTION	2011	Install r	nissing bridgerail bolt.							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/No. (%)	ow) 33.3/4	4.4	Sufficiency Rating (Last/Now) (%)	48.0/52.8	Est. Re	∍pl. Yr	2025	Maint. Re	qd. (Y/N)	Yes
Special				Department						,-
Comments for				Comments						
Next Inspection										
Maintenance Reviewed By				Date				Estimated Total	1 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Shane Hall		Previo	ous Assistant's Name						

Bridge Inspection & Maintenance System (Web 2005)

Alberta Transportation

07848 -1 Bridge

Next Inspection Date	08-Aug-2013	Previous Inspection Date	23-Mar-2010
Inspection Cycle (Default) (months)	21		
Comment			