Bridge Inspection														
Bridge File Nun	nber	78730 -1	Bridge					Form Type			SG			
Year Built/Year Supstr		1980/198	0					Lot No.			3			
Bridge or Town	Name	CARDST	ON			Inspector Name Inspector Class				Jason Rusu				
Located Over		LEE CRE		2.20.8, W	ATERCR	S-S	T	·		BR CLS A				
Located On		501:01 C						Assistant Name						
Water Body Cl.	/Year							Assistant Class			1			
	Navigabil. Cl./Year							Inspection D			09-Jun-20			
Legal Land Loc		NW SEC 10 TWP 3 RGE 25 W4						Data Entry By			Kelsey Roberts			
Longitude, Latit								Data Entry Date			20-Jul-2012			
Road Authority						Reviewer Name				Garry Roberts				
Contract Main. Area CMA25					,	Review Date			10-Jul-2012					
Clear Roadway/Skew 11 /						Dept. Reviewer Name								
AADT/Year	•					Dept. Review Date			e	30-Jul-2012				
Road Classifica	ation	RCU-209						Follow-Up E	Sy					
Detour Length ((km)	1												
Allowable Load		gle CS1	28		Semi	CS2	2 49	-	Train	CS	3 62		> On Crit	ical Spans Member
Design Loading	j:	MS2	30										> Primary	
						Pos	ting Ir	nformation						
Required Load	Posting	(t)		Single				Semi				Truc	k Train	
Posted Loading	ı (t)			Single				Semi				Truck Train		
Posted:	Lane	EB			tion (Y/N)	N	10	In Adva	ince (\	//N)	No	At B	ridge (Y/N)	No
Posted:	Lane	WB		At Junct	tion (Y/N)	N	10	In Adva	ince (\	//N)	No		ridge (Y/N)	No
Remarks	Not re	q												
Hazard Marker	At Bridg	ge (Y/N)	No											
Remarks														
Other Sign Types														
						Utili	ities (L	ocated at)						
Utility Attachme	ents													
Telephone	north							Gas						
Power	south	h & north, 3 line						Municipal	N	Manhole NE and NW				
Others	sewer	east, NOI	RTH WE	ST				Problem (Y/	(N)	No				
Remarks	Fibre	optics @ S	S R/W											
								ch Road						
					Las		Now	Explanation						
Horizontal Align					(3	6	ACCESS R	OAD s	south	side			
Vertical Alignme	ent				7	7	7							
Roadway Width	n (m)		11.900											
Approach Bump					6	6	6	1						
Guardrail (Y/N)			Yes					SE turnout-	Type 6	 3				
Guardrail					6	3	6							
Length (m)			10.700					Not thriebea	1111					
Current Stand	dard (Y/I	N)	No					1						
Termination T		,	TURN	OOWN				1						
Drainage	,			-	7	7	7							
Approach Roa	d Gene	ral Rating]		(6	6							

						Supers	tructure				
Bridge Comp	onent					<u> </u>	Explanation of Condition				
(Primary Span		ns, Lengt	hs(m): :	22-22, A-I			•				
Special Featu	ires										
Special Featu	re					X	Chip seal on concrete				
(Type:)											
Special Featu	re					X					
(Type:)											
Wearing Surfa	ce/Deck Top	Detail Rat	ings								
	N (%)	1 (%)	2 (%)	3 (%)						
Last	0	0		0		0					
Now	0.0	0.0		0.0	C	0.0					
	Wearing Surface (Material Type : CONCRETE - CONVENTIONAL CHIE					5 . L	chip seal coat on deck-driving lanes coming off @ W.end & E. end.				
(Thickness(r	mm) : 50)										
Deck Top					N	N					
Deck Rideabil	ity				8	8					
Deck Joints					8	8					
Temperature	e (deg. C)	8									
(Expansion	Type : GLANI	D (WABO	-MAUEF	R, TRANS	FLEX,	ETC))					
(Fixed Type	:)										
Gap Size (m	nm)	Ga	ap Locat	ion							
40		AE	BUT. #1								
45		AE	BUT. #2								
							-				
Deck Drainage					7	7					
Drains Clog	ged (Y/N)	No									
Curbs/Median					6	6	Transv. hairline cracks .46m spacing				
(Curb Type							Leaching along curb linesesp. under side; spalled @ W.end-struck by plows				
Scaling (Per	cent Area)	0									
Bridge Rail					7	7	2 A/B nuts missing NW and SW sides.				
` • •	VANIZED ST	EEL FLEX	X BEAN	1)							
Bridge Rail Po					4	4					
STEEL)	VANIZED PC	ST STEE	L;GAL\	ANIZED							
Bridge Rail/Po					7	7					
(Type : GAL	VANIZED)				Х						
Sidewalk	Sidewalk					X	WIDE CURBS SERVE AS SIDEWALK. BASEBALL PARK TO E OF BRIDGE.				
Girder/Beam											
Cover Plate					Х	Х					
Flange					8	8					
Web					8	8					
Stiffeners					8	8					
Splice					8	8					
Weld					7	7					
Diaphragms/C	cross Frame				8	8					

			Supors	structure				
Bridge Component				Explanation of Condition				
(Primary Span : WG, 2 Spans, I	 enaths(m): 22-22			•				
Paint Condition	Lengths(III). ZZ ZZ, 7	X	X	Weathering steel				
(Colour Description :)				weathering steel				
(Colour Code :)								
Touchup Required (Y/N)	No							
	INO	8	0					
Bearings Temperature (deg. C)	8	0	8					
Temperature (deg. C) (Expansion Type : ROCKER I				Rocker at Pier				
(Fixed Type : REINFORCED I								
Coating Adequate (Y/N)	Yes							
	Yes							
Functioning (Y/N) Deck Underside	165	7	7	HAIDLING TRANSVERSE CRACKS OF 10 m				
	2	7	/	HAIRLINE TRANSVERSE CRACKS 0.5 - 1.0 m Some efflorescence @ transverse crks				
Stains (Percent Area)	2							
Span Alignment Problems	Na							
Vertical (Y/N)	No							
Horizontal (Y/N)	No	_	_					
Superstructure General Ratin	g	7	7					
			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Abutments	<u>'</u>							
Bearing Seats/Caps		8	8					
(Type : CONCRETE)								
Backwalls/Breastwalls		8	8					
Wingwalls			8					
Piles			N					
Paint/Coating		6	6					
Abutment Stability		8	8					
Scour/Erosion		7	7					
Piers/Bents								
(Type : PIER-COLUMN)								
Bearing Seats/Caps		8	8					
(Type : CONCRETE)								
(Total Number of Bearing Piles	: 0)			6 piles				
Pier Shaft/Piles	- /	8	8					
Bracing/Struts/Sheathing		8	8					
Nose Plate		X	Х					
Paint/Coating		5	5	Bottom 0.3 m of piles are corroded				
(Colour Description :)		U						
(Colour Code :)								
Pier Stability		8	8					
Scour		7	7					
Debris (Y/N)	Yes			Drift at pier				

Substructure											
Bridge Component		Last	Now	Explanation of Condition							
Substructure General Rating		8	8								
		9	tructu	re Usage							
			Now	Explanation of Condition							
Channel			1								
(U/S Direction : W)			CHANNEL SKEWED, BRIDGE SQUARE - strikes east abut.								
(D/S Direction : E)				headslope.							
Alignment		4	4								
Bank Stability		5	5								
HWM (m below Top of Curb)	3.4			No visible HWM							
Drift (Y/N)	No										
Slope Protection		7	7	CLASS 2 AT EAST & SW BANK							
(Type :)											
Guidebank/Spurs		Х	X								
Adequacy of Opening		6	6								
(Fish Compensation Measure 1 :	NONE)										
(Fish Compensation Measure 2 :	NONE)										
Channel General Rating		4	4								

78730 -1 Bridge

				Maintenance	Recommend	ations					
Inspector Recommendations		Year Inspector Comments				Department Com	nments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		2012		it & washer @ SW & NV	V	·					
GALVANIZE/PAINT BRIDGE RAIL											
RETROFIT BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS											
RESET/ PAINT BEARINGS											
REPAINT SUPERSTRUCTURE											
STRAIGHTEN/REPLACE MEMBERS											
WASHING											
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROSI	ON										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION		2012	At pier								
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/N (%)	ow)	83.3/83	.3	Sufficiency Rating (La	ast/Now)	69.0/71.0	Est. Repl. Yr	2041	Maint. Re	qd. (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		Roberts			Previous /	s Assistant's Name					
		o-2015			Previous I	nspection Date					
Inspection Cycle (Default) (months)	39						18-Jun-2009				
Comment											

Bridge Inspection & Maintenance System (Web 2005)