Bridge File Number	Bridge Culvert Inspection													
Year Built   1998					51100	e Cuive			CULT					
Dispersion   Coche   Core   Core							7.							
Located Over							1							
Localed On   1.06 L1 13.619														
Assistant Class										BR CL3 A				
Navigabil CL/Year   Legal Location   Na SEC 36 TWP 24 RGE 5 W5M   Data Entry By   Lauren Kore   Longitude, Laitude   -114:33:38, 51:05:30   Data Entry Data   14-Mar-2012		Voor	1.00 L1	13.019										
Legal Land Location										40.5.1.0040				
Longitude, Latitude					N /		<u> </u>							
Reviewer Name														
Contract Main. Area		uue							•					
Clear Roadway/Skew   13.1 /		A roo		•	OH (AH)			1	·					
ADDT/Year   19,240 / 2012 (A)   Dept. Review Date   Road Classification   RFD-412.4-130   Follow-Up By				<u> </u>						22-Feb-2012				
Road Classification		Skew		/ 2012 (٨)				<u> </u>						
Detour Length (km)   1		tion												
Number of Culverts				12.4-130				Follow	ор Бу					
Number of Culverts														
Pipe #   Barrel			iatiUII	1										
MAIN					Rise (or	Dia.)	Туре		Length	Corr. Profile		Shape		
Special Features Special Features Comment    Posting Information	1	MAIN		8000	4700		РСВ		32			RECTANGLE		
Posting Information   Posting Information   Poster   Clearance Posting (m)   UNDER: MUNICIPAL 4.4m   Posted Vertical Clearance (Y/N)   Yes	Special Feature	s								1	'			
Noth-	•		ment											
Required Vert. Clearance Posting (m)	•													
Posted Vertical Clearance (Y/N)   Yes									on					
Posted:   Lane   NB   On Bridge (m)   In Advance (Y/N)   Yes   Lane   SB   On Bridge (m)   4.6   In Advance (Y/N)   Yes						NICIPA	AL 4.4m	<u> </u>						
Utility Attachments   TELEPHONE UTILITIES-PHONE LINE						0.600					0.400			
Utility Attachments   TELEPHONE UTILITIES-PHONE LINE   Telephone   SOUTH R/W.   Gas   Power   South.   Municipal   Others   FIBRE OPTICS.   Problem (Y/N)   No   Remarks   Vacant conduit at both curbs.      Approach Road / Embankment	·					ance (	(Y/N)	Yes L	ane  SB  C	n Bridge (m) ∣4	.6 ∣In Advan	ce (Y/N) Yes		
Utility Attachments   TELEPHONE UTILITIES-PHONE LINE	Remarks	N/B b	osting is	on E/B culve	ert.									
Telephone	Living Asset				-0.511015		ilities (L	_ocated	at)					
Power South. Municipal Others FIBRE OPTICS. Problem (Y/N) No  Remarks Vacant conduit at both curbs.    Approach Road / Embankment   Last   Now   Explanation of Condition				ONE UTILITI	ES-PHONE	LINE								
Others FIBRE OPTICS. Problem (Y/N) No  Remarks Vacant conduit at both curbs.  Approach Road / Embankment Last Now Explanation of Condition  Horizontal Alignment 6 6 6  Roadway Width (m) 12.500  Embankment 6 6 6  Sideslope (_:1) 2.0  (Height of Cover(m): 0.1)  Guardrail (Y/N) Yes WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Approach Road / Embankment General Rating 6 6  Culvert Component Last Now Explanation of Condition  Direction  End Treatment (Concrete, Steel, CONCRETE Others, None)									1					
Remarks   Vacant conduit at both curbs.   Approach Road / Embankment														
Approach Road / Embankment  Last Now Explanation of Condition  Horizontal Alignment 6 6 6  Roadway Width (m) 12.500  Embankment 6 6 6  Sideslope (:1) 2.0  (Height of Cover(m): 0.1)  Guardrail (Y/N) Yes WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Approach Road / Embankment General Rating 6 6  Culvert Component Last Now Explanation of Condition  Direction  End Treatment (Concrete, Steel, Others, None)  Approach Road / Embankment General Rating Now Explanation of Condition  North.								Proble	n (Y/N)   NO					
Last   Now   Explanation of Condition	Remarks	vacar	ıı conau	ii ai doth cur		nnraa	ch Boo	d / Epole	nkmont					
Horizontal Alignment  Vertical Alignment  Roadway Width (m)  12.500  Embankment  Sideslope (_:1)  (Height of Cover(m): 0.1)  Guardrail (Y/N)  Yes  WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Approach Road / Embankment General Rating  Upstream End  Culvert Component  Last Now Explanation of Condition  North.  North.					Α									
Vertical Alignment  Roadway Width (m)  12.500  Embankment  6 6  Sideslope (_:1)	· ·							•						
Roadway Width (m)  12.500  Embankment 6 6 Sideslope (:1) 2.0  (Height of Cover(m) : 0.1)  Guardrail (Y/N)  Yes  WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Upstream End  Culvert Component  Last Now  Explanation of Condition  North.  End Treatment (Concrete, Steel, CONCRETE Others, None)					-		90							
Sideslope (:1)			12.500			, ,								
Sideslope (:1)	Embankment				6	6								
(Height of Cover(m): 0.1)  Guardrail (Y/N)  Yes  WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Upstream End  Culvert Component  Direction  End Treatment (Concrete, Steel, Others, None)  North.														
Guardrail (Y/N)  Yes  WBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Upstream End Culvert Component Last Now Explanation of Condition North.  End Treatment (Concrete, Steel, Others, None)  NBL -E median turndown not properly buried. Galvanized bridge rail over culvert. Missing nut at NE transition bolt.  Vpstream End Explanation of Condition North.														
Approach Road / Embankment General Rating  6  Upstream End  Culvert Component  Direction  End Treatment (Concrete, Steel, Others, None)  Galvanized bridge rail over culvert.  Missing nut at NE transition bolt.  Upstream End  Explanation of Condition  North.						WBL -E median turndown not properly buried.								
Approach Road / Embankment General Rating 6 6  Upstream End  Culvert Component Last Now Explanation of Condition  Direction North.  End Treatment (Concrete, Steel, Others, None)				. 33				Galvar	ized bridge rail	over culvert.	J 41.10 41.			
Upstream End  Culvert Component Last Now Explanation of Condition  Direction North.  End Treatment (Concrete, Steel, Others, None)	Approach Road	d / Eml	bankme	nt General F	Rating	6	6	iviissin	j nut at in⊏ trans	SILIUIT DUIL.				
Culvert Component     Last     Now     Explanation of Condition       Direction     North.       End Treatment (Concrete, Steel, Others, None)     CONCRETE														
Direction North.  End Treatment (Concrete, Steel, Others, None)														
End Treatment (Concrete, Steel, CONCRETE Others, None)	·	nent				Last	Now		ation of Condi	tion				
Others, None)		<b>'</b> 0	, ,					North.						
	End Treatment Others, None)	(Concre	ete, Stee	ei, CONCRE	ΙĖ									
0	Headwall					8	8							

			Unetro	am End
Culvert Component		Last	Now	Explanation of Condition
Collar	ı	X	X	- Apparation of Containing
Wingwalls				W
Wingwalls		8	8	Wingwall @ North end only-South end is common wall to 76182E.
(Shape: )				
Cutoff Wall		Х	X	
Bevel End			X	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0		_	
Scour Protection		X	X	
(Type : )				
(Avg. Rock Size(mm):)				
Scour/Erosion		X	X	
Beavers (Y/N)	No			
Upstream End General Rating		8	8	
		Dei	laro Cui	hort Powel
Culvert Component				vert Barrel Explanation of Condition
Culvert Component	tion Codo: MAIN Cno			
(Pipe # : 1, Primary Span, Loca		n (mm	): 0000	, Rise (min): 4700, Type: PCB)
Barrel Last Accessible Date	12-Feb-2012			
Special Features				
Special Feature				Safety Rail @ North wingwall and common walls. Accident damage
(Type:)				to post and rail at bottom NW.
Special Feature				
(Type:)				
Roof		8	8	
Measured Rise (mm)	4700			
Measured At Ring No.				
Sag (mm)	0			
Percent Sag				
Sidewall		8	8	Narrow vertical crack in sidewall @ pile
Measured Span (mm)	8000			location.
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection				
Floor		8	8	Concrete Floor.
Bulge (mm)	0			Control of Tool.
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams	110	8	8	@ median - caulked.
Separation (mm)	35	U	U	S modian - caulitou.
Longitudinal Seams		X	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				

		Brio	Ivert Barrel	
Culvert Component			T	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Sp	an (mm	): 8000	, Rise (mm): 4700, Type: PCB)
Coating		Х	Х	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG ZERO				
Ponding (Y/N) No				
Fish Passage Adequacy			Х	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		X	X	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		8	8	
		D	ownstr	ream End
<b>Culvert Component</b>		Last	Now	Explanation of Condition
Direction				SOUTH-common wall with 76182E.
End Treatment (Concrete, Steel, Others, None)	CONCRETE			
Headwall		8	8	
Collar		Х	Х	
Wingwalls		8	8	Med vertical cracks.
(Shape: )			V	
Cutoff Wall		X	X	
Bevel End	1 -	X	X	
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0		1	
Scour Protection		X	X	
(Type:)				
(Avg. Rock Size(mm):)			1	
Scour/Erosion		X	Х	
Beavers (Y/N)	No			
Downstream End General Rating		8	8	
			1	re Usage
		Last	Now	Explanation of Condition
Grade Separation		1	1	
Road Alignment			5	Local road access to trans Canada Hwy. Curves 90 deg @ North.
Roadway Surface			5	Gravel approaches.
(Type:)				
Icing (Y/N) No				
Traffic Safety Features		X	Х	
Type				

Structure Usage							
		Last	Now	Explanation of Condition			
Lighting		X	X				
Barrel Leakage (Y/N) No							
Drainage		6	6				
Structure In Use (Y/N) Yes							
Grade Separation General Rating			5				

Bridge Inspection & Maintenance System (Web 2005)

76182 W-2 Bridge Culvert

		Maintenance Re	commendations					
Inspector Recommendations	Year	Inspector Comments	Department Cor	mments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE/STEEL LINING	<b>3</b>							
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUT	OFF							
REPAIR SEAMS								
OTHER ACTION	2012	Attach WBL-E mid turndown to post of Install 1 nut at approach/bridge trans	correctly. ition.					
OTHER ACTION	2012	Repair safety rail-1 post and 2 rail se	ctions.					
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/N (%)	ow) 88.9/	Sufficiency Rating (Last/N	Now) 84.9/	Est. Repl. Yr	2070	Maint. Re	qd. (Y/N)	
Special Comments for Next Inspection			Department Comments					
Maintenance Reviewed By			Date		Es	stimated Tota	1 0	
Proposed Long-Term Strategy							'	
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Garry Roberts		Previous Assistant's Name					
Next Inspection Date	12-Nov-2013		Previous Inspection Date	14-Sep-2010				
Inspection Cycle (Default) (months)	21							
Comment								