			Bri	idae	e Culve	ert Inspe	ction						
Bridge File Number							уре		CUL1				
Year Built	1977					Lot No.			1				
Bridge or Town Name						Inspector Name			Russel Vanderschaaf				
Located Over	TRIBUTA 8.11.80.3		Inspector Class Assistant Name			BR CLS B							
Located On	33:14 C1 20.463						nt Class						
Water Body Cl./Year									12-Feb-2013				
Navigabil. Cl./Year						Inspection Date Data Entry By			Theresa Lacusta				
Legal Land Location	SW SEC	3 TWP 71 RG	6E 9 W5M						13-Apr-2013				
Longitude, Latitude	-115:18:0	2, 55:06:59							Eric Carcoux				
Road Authority						Review Date			07-Apr-2013				
Contract Main. Area	CMA06				Dept. Reviewer Name			07-Api-2013					
Clear Roadway/Skew	9.8 / 10 d	eg. (RHF)				Dept. Reviewer Name							
AADT/Year	770 / 201	2 (A)				Follow-Up By							
Road Classification	RAU-210	-110				гоном-ор ву							
Detour Length (km)	99												
Bridge Culvert Inform	nation												
Number of Culverts	1								1				
Pipe # Barrel	S	pan	Rise (or Dia	.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1 MAIN	-		1500		MP		49.4		68X13	3.5	ROUND		
Utility Attachments				Util	lities (L	ocated	at)						
Telephone						Gas							
Power				Municipal									
Others								No					
Remarks				Problem (Y/N) No									
			Appro	oac	h Road	d / Emba	nkment						
					Now		ation of	Condi	tion				
Horizontal Alignment				8	8	In sag curve with limited sight distance, no passing SB.							
Vertical Alignment			7	7									
Roadway Width (m)		9.800											
Embankment				4	N	Toe of sideslope has slid in a semi-circle around pipe. Appears							
Sideslope (:1)	Sideslope (:1) 3.0					stable with riprap23-Jul,2009 2m wide x 1m deepx15m long gully in NE corner.							
(Height of Cover(m) : 3.6)						Snow covered							
Guardrail (Y/N) No						Show c	overeu						
Approach Road / Em	bankment	General Rat	ing 7	7	7								
					Up <u>stre</u>	am End							
Culvert Component	Component				Now	Explanation of Condition							
Direction			E	E		Culvert	submerg	jed in s	snow.				
End Treatment (Concrete, Steel, STEEL Others, None)													
Headwall)	X	Х								
Collar)	X	Х								
Wingwalls				X	Х								
(Shape :)													
Cutoff Wall					X								

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Bridge Inspection & Maintenance System (Web 2005)

			Upstre	am End					
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		N	N	Bevel end has distortions at bottom of both sides23-Jul-2009					
Heaving (mm)	100								
Invert Above/Below Stream Bed	bove/Below Stream Bed BELOW			Drift at inlet - photo23-Jul-2009					
Above/Below (mm)	100			Under snow.					
Scour Protection		N	N	Scoured 200 deep, 1m wide, 1.5m back along North bevel23-Jul					
(Type : NONE)				2009 Under snow					
(Avg. Rock Size(mm) :)									
Scour/Erosion		N	N						
Beavers (Y/N)	No								
Upstream End General Rating		4	4	GR carried fwd.					
		Brid	dae Cu	lvert Barrel					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, S	pan (mm):	, Rise (mm): 1500, Type: MP)					
Barrel Last Accessible Date	23-Jul-2009			Both ends completely submerged in snow/ice.					
Special Features	1								
Special Feature									
(Type:)									
Special Feature									
(Type :)									
Roof		N	N	At c/l23-Jul-2009					
Measured Rise (mm) 1593									
Measured At Ring No.				Outward23-Jul-2009					
Sag (mm)	93								
Percent Sag	6								
Sidewall		N	N	At c/l23-Jul-2009					
Measured Span (mm)	1430								
Measured At Ring No.				Inward23-Jul-2009					
Deflection (mm)	70								
Percent Deflection	5								
Floor		N	N	At c/l23-Jul-2009					
Bulge (mm)	0								
Measured At Ring No.				1					
Abrasion (Y/N)	No			1					
Circumferential Seams		N	N	At joint with D/S bevel. Dimpled couplers23-Jul-2009					
Separation (mm)	190								
Longitudinal Seams		Х	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)									
Coating		N	N	Superficial rust 5-7 o'clock23-Jul-2009					
Corrosion By Soil (Y/N)	No								
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	NEG								
Ponding (Y/N)	No								

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Bridge Inspection & Maintenance System (Web 2005)

78644 -1 Bridge Culvert

Bridge Culvert Barrel										
Culvert Component		Last Now		Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm):		, Rise (mm): 1500, Type: MP)						
Fish Passage Adequacy			4	Outlet above S.B23-Jul-2009						
Baffle		Х	Х							
(Type :)										
Waterway Adequacy		N	N	(lcing. 2006/03/14)						
Icing (Y/N)	Yes									
Silting (Y/N)	No									
Drift (Y/N)	Drift (Y/N) No									
Barrel General Rating			N	GR 623-Jul-2009						
		D		ream End						
Culvert Component		Last	Now	Explanation of Condition						
Direction		W		D/S end submerged in snow.						
End Treatment (Concrete, Steel, Others, None)	STEEL		1							
Headwall			X							
Collar		X	X							
Wingwalls		X	Х							
(Shape :)										
Cutoff Wall			X							
Bevel End			N	Bevel has been bolted back onto barrel. Bevel was previously bent						
Heaving (mm) 0				and has been straightened23-Jul-2009						
Invert Above/Below Stream Bed	ABOVE									
Above/Below (mm)	600									
Scour Protection			N	Snow covered						
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 500)										
Scour/Erosion			N	Snow covered						
Beavers (Y/N)	No									
Downstream End General Ratin	ng	5	5	GR carried fwd.						
		s	Structu	re Usage						
		Last	Now	Explanation of Condition						
Channel (U/S and D/S)										
Alignment			7							
Bank Stability			6							
HWM (m below Top of Culvert)				HWM not visible.						
Drift (Y/N) No										
Channel Bottom DEGRADING Degrading/Aggrading										
Beavers (Y/N) No										
(Fish Compensation Measure 1 :	1									
(Fish Compensation Measure 2 :										
Channel General Rating			7							

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					Mair	ntenance Re	commend	ations						
Inspector Recommendations			Year Inspector Comments			Department Comments					Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS														
PLACE ADDITIONAL RIP RAP														
REMOVE DRIFT ACCUMULATION			2013	U/S end.	23-Jul-2009- c	arried over								
INSTALL CONCR	ETE/STEEL LINING													
INSTALL STRUTS														
INSTALL CONCRETE COLLAR/CUTOFF		DFF												
REPAIR SEAMS														
OTHER ACTION			2013	Level 2										
	OTHER ACTION													
OTHER ACTION														
OTHER ACTION OTHER ACTION														
					I						1			
Structural Condition Rating (Last/Now) (%)			55.6/55.6 Sufficiency Rating (%)			ating (Last/I	Now) 59.3/59.3 Est			Repl. Yr 2017 Maint. Re		Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection Barrel has been inaccessible for 2 inspections, as per BIM manual a Level 2 in recommended.						I 2 is	Department Comments							
Maintenance Reviewed By								Date			E	Estimated Total	0	
Proposed Long-T	erm Strategy													
On 3-Year Program (Y/N)														
Proposed Action														
Previous Inspector's Name Brian		Brian F	Brian Pientsch			Previous Assistant's Name			Lisbeth Medina					
		12-Nov	12-Nov-2014			Previous Inspection Date 06-Apr-2011								
Inspection Cycle (Default) (months) 21		21												
Comment														