					Brida	e Culve	ert Inspe	ction						
Bridge File Nui	mber	72872 -2 Bridge Culvert				o ourve			CUL1					
Year Built 2009							Lot No.	7		2				
Bridge or Towr	n Name						Inspector Name		Brian Pientsch					
Located Over			2ND ORDER TRIBUTARY TO SA				Inspector Class		BR CLS A					
			8.10.72.17.2, \					nt Name		Clem Guenett	е			
Located On		677:02 (C1 11.471				Assistant Class							
Water Body CI	./Year							Inspection Date		05-Mar-2012				
Navigabil. Cl./Year Legal Land Location SE SEC 19					Data Entry By			Theresa Lacusta						
		16 TWP 76 RGE 6 W6M				Data Entry Date		02-Apr-2012						
Road Authority Albert			18:51:16, 55:35:01					er Name		Eric Carcoux				
Contract Main. Area CMA05		a Transportation (AIT)					Review Date		27-Mar-2012					
					Dept. Reviewer Name									
			deg. (RHF)				Dept. Review Date		29-Aug-2012					
AADT/Year		190 / 20			Follow-	Uр Ву								
Road Classification RAU-21		RAU-21	10-110				-							
Detour Length		49												
Bridge Culver														
Number of Cul			<u>1</u> -											
Pipe #	Barrel		Span	Rise (or	Dia.)	Type	Length		Corr. Profile	PI./Slab Thickness	Shape			
1	MAIN			3360		SP		91.44		152X51	3.0	ROUND		
Special Featur	·			10000		, C.		<u> </u>		102/101	INCOND			
Special Featur		ment												
Special Feature	00 00													
					Uti	ilities (L	ocated	at)						
Utility Attachm							1							
Telephone Line above ground in East ditch.						Gas								
Power O/H 2 wire East r/w ditch.							Municip							
Others							Problen	n (Y/N)	Yes					
Remarks	Bury	Telus line												
				Ap		ast Now Explanation of Condition								
Horizontal Alignment						Curve over centerline of pipe.								
					7 8	8	Curve over centernine or pipe.							
Vertical Alignment Roadway Width (m) 12.000				0	0									
Roadway Widt	.11 (111)		12.000											
Embankment					9	8								
Sideslope (_	_:1)		3.0											
(Height of Co	over(m) :	: 6.3)												
Guardrail (Y/N))		No											
A	- 1 /	L •	1.0	·	_	I -								
Approach Roa	ad / Emi	bankmen	it General Rat	ing	7	7								
						Upstre	am End							
Culvert Comp	onent					Now		ation of	Condi	tion				
Direction					W									
End Treatment Others, None)	t (Concre	ete, Steel	, CONCRETE											
Headwall			_		9	9								
Collar			9	9										
Wingwalls	Wingwalls			9	X									
-			<u> </u>											
Cutoff Wall	(Shape :)			9	N									
Julion vvan	Cuton wan				3	11								

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		9	9							
Heaving (mm)										
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	2040									
Scour Protection		9	9							
(Type: RIP RAP)										
(Avg. Rock Size(mm) : 300)										
Scour/Erosion		9	9							
Beavers (Y/N) No										
Upstream End General Rating		9	9							
		Brio	dge Cu	Ilvert Barrel						
Culvert Component			Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm) :	, Rise (mm): 3360, Type: SP)						
Barrel Last Accessible Date	05-Mar-2012									
Special Features										
Special Feature										
(Type:)										
Special Feature										
(Type:)										
Roof		9	9	Measurements taken during construction on 24-Sep-2009 with 0.3m						
Measured Rise (mm)	3374			backfill over culvert.						
Measured At Ring No.	7			Ice on floor to roof 3084mm.						
Sag (mm)	14									
Percent Sag	1									
Sidewall		9	9							
Measured Span (mm)	3370									
Measured At Ring No.	12									
Deflection (mm)	10									
Percent Deflection										
Floor		9	N	300mm ice						
Bulge (mm)										
Measured At Ring No.										
Abrasion (Y/N)	No									
Circumferential Seams		9	9							
Separation (mm)										
Longitudinal Seams		9	9							
Total No. of Cracked Rings				2N						
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)	Yes									
Longitudinal Stagger (Y/N)	Yes									
Coating		9	9							
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	No									
Camber POS/ZERO/NEG	POS									
Ponding (Y/N)	No									

72872 -2 Bridge Culvert

Bridge Culvert Barrel									
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm):		, Rise (mm): 3360, Type: SP)					
Fish Passage Adequacy			9						
Baffle			X						
(Type:)									
Waterway Adequacy			9						
Icing (Y/N) No									
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		9	9						
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction	Direction								
End Treatment (Concrete, Steel, Others, None)	nd Treatment (Concrete, Steel, STEEL thers, None)								
Headwall		9	Х						
Collar		9	X						
Wingwalls			X						
(Shape:)			_						
Cutoff Wall		9	X						
Bevel End		9	9						
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	1230		_						
Scour Protection		9	4						
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 300)			_						
Scour/Erosion		9	4	Erosion above pipe 7m x 3m x 1m deep. Material falling in pipephoto					
Beavers (Y/N)	No								
Downstream End General Ratio	ng	9	4						
		s	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment			7						
Bank Stability			8						
HWM (m below Top of Culvert)				HWM not visible					
Drift (Y/N) No									
Channel Bottom Degrading/Aggrading				Stable					
Beavers (Y/N)	No								
(Fish Compensation Measure 1 : NONE)									
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating			7						

Bridge Inspection & Maintenance System (Web 2005)

72872 - 2 Bridge Culvert

			Maintenance Red	commend	ations						
Inspector Recommendations	Year	Inspect	or Comments	Johnnene	Department Com	nments		Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								J J			
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING	i										
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTO	OFF										
REPAIR SEAMS											
OTHER ACTION	2012	Repair	slump @ d/s end.								
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/N (%)	ow) 100.0	/100.0	Sufficiency Rating (Last/N (%)	low)	98.5/92.9	Est. Repl. Yr	2070	Maint. Re	qd. (Y/N)	Yes	
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date		l l	Estimated Tota	I 0		
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name Russel Vanderschaaf Prev				Previous	us Assistant's Name						
Next Inspection Date	05-Jun-2015			Previous	evious Inspection Date 28-Jun-2010						
Inspection Cycle (Default) (months)	39				· .						
Comment											