Bridge Culvert Inspection														
Bridge File Number 76914 -		4 -2 Bridge Culvert					Form Type		CUL1					
Year Built		2009					Lot No			4				
Bridge or Town	Name	WOKIN	IG				Inspec	tor Name		Brian Pientsch				
Located Over		2ND O	RDER TRIBUTA	ARY TO S	SADDL	E	Inspector Class		BR CLS A					
Located On			, 8.10.72.17.2, V C1 10.791	VATERO	K3-31			ant Name		Clem Guenette	9			
Water Body Cl./		011.02	01 10.791					ant Class						
Navigabil. Cl./Ye								tion Date		05-Mar-2012				
Legal Land Loca		SE SE	C 16 TWP 76 R	GE 6 W6	 М			ntry By		Theresa Lacus	sta			
Longitude, Latitu			1:38, 55:34:43	<u> </u>				ntry Date		02-Apr-2012				
Road Authority			Transportation	(AIT)			Reviewer Name			Eric Carcoux				
Contract Main. Area CMA05			•	(,)			Review Date			27-Mar-2012				
Clear Roadway/			deg. (LHF)				Dept. Reviewer Name							
AADT/Year			011 (A)					Dept. Review Date		31-Oct-2012				
Road Classificat			11.8-110				Follow	-Up By						
Detour Length (I	km) 4	49												
Bridge Culvert Information														
Number of Culve	erts		1											
Pipe #	Barrel		Span	Rise (or Dia		Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
1	MAIN		-	3360		SP		49.38		152X51	3.0	ROUND		
Special Feature	 S						1000 1000							
Special Feature	s Comm	nent												
	Utilities (Located at)													
Utility Attachme	nts				J.	lluos (L	<u>-ocatoc</u>	at)						
Telephone Gas														
Power South r/w 1 wire.						Munici	nal							
Others						Problem (Y/N) No								
Remarks														
Approach Road / Embankment														
	Last	Now	Explanation of Condition											
Horizontal Alignment			6	6										
Vertical Alignment					8	8								
Roadway Width (m)		12.000												
Embankment					9	9								
Sideslope (:	:1)		3.5											
(Height of Cover(m) : 2.1)														
Guardrail (Y/N)														
Approach Road	d / Emb	ankme	ent General Rat	ing	6	6								
						Upstre	om Ene							
Culvert Compo	nont				Last	Now			Condi	tion				
Culvert Component Direction			S	INOW	Explanation of Condition									
End Treatment (Concrete, Steel, CONCRETE					-									
Others, None) Headwall			9	9										
Collar			9	9										
Wingwalls			9	X										
(Shape :)														
Cutoff Wall				9	N									

76914 -2 Bridge Culvert

Upstream End											
Culvert Component		Last	Now	Explanation of Condition							
Bevel End		9	9								
Heaving (mm)											
Invert Above/Below Stream Bed	BELOW										
Above/Below (mm)	920										
Scour Protection		9	9								
(Type: RIP RAP)											
(Avg. Rock Size(mm) : 300)											
Scour/Erosion		9	9								
Beavers (Y/N)	No										
			1								
Upstream End General Rating		9	9								
Bridge Culvert Barrel											
Culvert Component			Now	Explanation of Condition							
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm) :	, Rise (mm): 3360, Type: SP)							
Barrel Last Accessible Date	05-Mar-2012										
Special Features											
Special Feature											
(Type:)											
Special Feature											
(Type:)											
Roof			9	near cl							
Measured Rise (mm) 3368				Ice to roof 3261							
Measured At Ring No.	6			100 1001 3201							
Sag (mm)	89										
Percent Sag 1											
Sidewall		9	9	near cl							
Measured Span (mm)	3372										
Measured At Ring No.	6										
Deflection (mm)	12										
Percent Deflection											
Floor		9	N	Ice on floor							
Bulge (mm)											
Measured At Ring No.											
Abrasion (Y/N)											
Circumferential Seams		9	9								
Separation (mm)											
Longitudinal Seams		9	9								
Total No. of Cracked Rings											
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		_ J								
Corrosion By Water (Y/N)	No										
Camber POS/ZERO/NEG	POS										
				1							
Ponding (Y/N)	1										

Bridge Culvert Barrel										
Culvert Component			Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3360, Type: SP)						
Fish Passage Adequacy		9	9							
Baffle			Х							
(Type:)										
Waterway Adequacy		9	9							
Icing (Y/N)	No									
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating			9							
Downstream End										
Culvert Component		Last	Now	Explanation of Condition						
Direction		N								
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall		Х	X							
Collar			X							
Wingwalls			Х							
(Shape:)			_							
Cutoff Wall		X	X							
Bevel End		9	9							
Heaving (mm) 0										
Invert Above/Below Stream Bed BELOW										
Above/Below (mm)	920		_							
Scour Protection		9	9							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 300)			_							
Scour/Erosion			9							
Beavers (Y/N)	No									
Downstream End General Rating		9	9							
		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	7							

			Maintenar	nce Recommen	dations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Com	ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS										
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING	3									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUT	OFF									
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low) 100.0	0/100.0	Sufficiency Rating (Last/Now) (%)		98.5/98.5	Est. Repl. Yr	2060 Maint. Re		qd. (Y/N)	No
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Stimated Tota	I 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Russel Vand	derschaaf		Previous	evious Assistant's Name					
Next Inspection Date	05-Jun-2015	5		Previous	Inspection Date	28-Jun-2010				
Inspection Cycle (Default) (months)	39									
Comment										