Bridge Culvert Inspection														
Bridge File Number 09211 -			-2 Bridge Culve			Form Type		CUL1						
Year Built		2005					Lot No			4				
Bridge or Town	Name	SANG	JDO				Inspec	tor Name		Kris Bosters				
Located Over		TRIBU	TARY TO PEME 1.44, WATERCE	BINA RIV	ER,		Inspector Class			BR CLS A				
Located On			C1 31.958	(0 01				ant Name						
Water Body Cl./		707.02	0101.000					ant Class						
Navigabil. Cl./Ye								tion Date		20-Jul-2012				
Legal Land Loca		SW SE	C 30 TWP 56 R	GE 6 W5				ntry By		Theresa Lacus	sta			
Longitude, Latitu			3:40, 53:51:39	0 0 0				ntry Date		15-Aug-2012				
Road Authority			Transportation	(ΔIT)				ver Name		Eric Carcoux				
Contract Main. A		CMA12	•	(/ (1 1)			Reviev			06-Aug-2012				
Clear Roadway/										Brent Herrick				
AADT/Year			2 deg. (RHF) / 2011 (A)				Dept. Review Date			16-Aug-2012				
Road Classificat		RAU-2					Follow	-Up By						
Detour Length (I	km)	3												
Bridge Culvert Information														
Number of Culve	erts		1											
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
1 1	MAIN		-	3990		SP		102.41		152X51	4.0	ROUND		
Special Features	 S													
Special Feature		nent												
					H	ilitias (l	ocated	at)						
Utility Attachme	Utilities (Located at)													
Telephone East r/w.							Gas							
Power 2 lines OH West r/w.						Municipal								
Others									No					
Remarks						(1 / 1 - 1 /								
Remarks No file tag. Approach Road / Embankment														
Last Now Explanation of Condition									tion					
Horizontal Alignment			7	7	Entrance at SE.									
Vertical Alignment				8	8	Slight sag.								
Roadway Width	(m)		9.000											
Embankment					N	8								
Sideslope (:	:1)		3.4		- 1									
(Height of Cov		11.7)												
Guardrail (Y/N)	()		Yes											
Approach Road	d / Emb	ankme	ent General Rat	ing	7	7								
						III no tro	Enc							
Culvert Compo	nont				Last	Upstre: Now		nation of	Candi	tion				
Culvert Component Direction			E	INOW	Ехріаі	iation of	Condi							
End Treatment (Concrete, Steel, CONCRETE			_											
Others, None) Headwall			N	9										
Collar			N	9										
Wingwalls					Х	X								
(Shape :)														
Cutoff Wall					N	9								

09211 -2 Bridge Culvert

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		N	9							
Heaving (mm)										
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	1500		_							
Scour Protection		N	5	Rock all settled about 1.0m at NE corner.						
(Type: RIP RAP)										
(Avg. Rock Size(mm) : 800)										
Scour/Erosion		N	9							
Beavers (Y/N)	No									
Upstream End General Rating		9	8							
		Brid	dge Cu	lvert Barrel						
Culvert Component		Last	Now							
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	ı):	, Rise (mm): 3990, Type: SP)						
Barrel Last Accessible Date	20-Jul-2012									
Special Features										
Special Feature										
(Type:)			_							
Special Feature										
(Type:)										
Roof		8	8	Rocks on floor approx 200 dia U/S.						
Measured Rise (mm)	3926									
Measured At Ring No.	13									
Sag (mm)	64									
Percent Sag	2									
Sidewall		8	8	U/S - 4011mm.						
Measured Span (mm)	4011			Ring 13 - 3936mm.						
Measured At Ring No.	1			Small dent at R2 10 o'clock						
Deflection (mm)	15									
Percent Deflection	0									
Floor		9	9							
Bulge (mm)	0									
Measured At Ring No.	13									
Abrasion (Y/N)	No									
Circumferential Seams		9	9	_						
Separation (mm)	0									
Longitudinal Seams		9	9							
Total No. of Cracked Rings	0									
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)				2N						
Proper Lap (Y/N)	Yes									
Longitudinal Stagger (Y/N)	Yes			<u> </u>						
Coating		9	9							
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	No									
Camber POS/ZERO/NEG	NEG									
Ponding (Y/N)	No									

Culvert Component		Last	Now	Explanation of Condition
(-) "				
(Pipe #: 1, Primary Span, Loca	ition Code: MAIN, Տլ	oan (mm):	, Rise (mm): 3990, Type: SP)
Fish Passage Adequacy		9	9	
Baffle		9	9	
(Type : WEIR)				
Waterway Adequacy		9	9	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		8	8	
		D	ownsti	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		W		
End Treatment (Concrete, Steel, Others, None)	CONCRETE			
Headwall		N	9	
Collar		N	9	
Wingwalls			Х	
(Shape:)				
Cutoff Wall		N	9	
Bevel End			9	
Heaving (mm)				
Invert Above/Below Stream Bed BELOW				
Above/Below (mm)	1000			
Scour Protection		N	9	
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion		N	9	
Beavers (Y/N)	No			
Downstream End General Rati	ng	9	9	
		S	tructu	re Usage
		Last	Now	Explanation of Condition
Channel (U/S and D/S)				
Alignment		7	7	
Bank Stability			8	
HWM (m below Top of Culvert)				
Drift (Y/N) No				
Channel Bottom Degrading/Aggrading NONE				
Beavers (Y/N) No				
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		7	7	

			Maintena	nce Recommer	ndations					
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	6									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUT	OFF									
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 88.9/8	8.9	Sufficiency Rating (Last/Now) (%)		92.7/91.6	Est. Repl. Yr	2055 Maint. Re		eqd. (Y/N)	No
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Tota	I 0	
Proposed Long-Term Strategy									'	
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Jacob Oresile			Previou	Assistant's Name					
Next Inspection Date	20-Oct-2015			Previou	s Inspection Date	29-Jan-2009				
Inspection Cycle (Default) (months)	39									
Comment										