					Brido	e Culve	ert Insne	ection						
Bridge File Number 78119 -1 Bridge Culvert				<u> </u>	je Gurve	Ivert Inspection Form Type			CUL1					
Year Built 1975			ago				Lot No.			1				
Bridge or Towr	n Name		YIAKE			Inspector Name			Kris Bosters					
Located Over	11441110		CREEK, 6.46	WATERC	:RS-S	 ST	Inspector Class			BR CLS A				
Located On			1 4.580	, ,,,,,,	,,,,,	<u> </u>	Assistant Name		Brian Cote					
Water Body Cl	/Year	20.00 0	1.000				Assistant Class		Briair Coto					
Navigabil. Cl./							Inspection Date		10-Apr-2012					
		SE SEC					Data Entry By			Lisa Fairhurst				
Longitude, Latitude -112:33						Data Entry Date		25-Apr-2012						
Road Authority Albe							Reviewer Name		Eric Carcoux					
			CMA07				Review Date			25-Apr-2012				
Clear Roadway/Skew 13.2 /		-	2 / 30 deg. (RHF)				Dept. Reviewer Name							
							Dept. Reviewer Name Dept. Review Date		04-May-2012					
			· ,				Follow-Up By		01 May 2012					
Detour Length		3	213.4-110				rollow-up By							
Bridge Culver														
Number of Cul			1											
Pipe #	Barrel		Span	Rise (or E	Dia.)	Туре	Length			Corr. Profile	Pl./Slab Thickness	Shape		
1	MAIN		-	1524		MP		46.3		68X13	3.5	ROUND		
Special Featur			VERT STEEL	1 -										
Special Featur														
·														
					Ut	ilities (L	ocated	at)						
Utility Attachm		,							1					
Telephone	North	r/w.					Gas							
Power					Municipal Problem (VAI)									
Others							Problem (Y/N) No							
Remarks				Δ 10		oh Door	d / Emb	ankment						
					Last		1			tion				
Horizontal Alignment			7	7	Intersection 150m East.									
Vertical Alignment			8	8										
v or trock 7 mg/m					Ū									
Roadway Widt	h (m)		13.200											
Embankment					7	7	5m ber	ms.						
Sideslope (:1)			3.0											
(Height of Co	over(m)	: 1.8)												
Guardrail (Y/N)			No											
Approach Roa	ad / Emi	bankme	nt General Rating		7	7								
Culvert Com	oner!						am End	ation of	Com d'	tion				
Culvert Component Direction		<u>Last</u> N	INOM	Explan	audii Of	Condi	uon							
End Treatment (Concrete, Steel, Others, None)				IN		-								
Headwall					Х	X								
Collar			Х	X										
Wingwalls				Χ	X									
(Shape:)														
Cutoff Wall				Х	X									

78119 -1 Bridge Culvert

			Heatra	om End
Culvert Component		Last	Now	am End Explanation of Condition
Bevel End		Last 6	Now 6	Explanation of Condition
	100	0	0	
Heaving (mm)				
	BELOW			
Above/Below (mm)	100	_	Τ_	
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 150)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	ion Code: MAIN, Spa	an (mm	ı):	, Rise (mm): 1524, Type: MP)
Barrel Last Accessible Date	27-May-2003			Deep flow and steel struts.
Special Features				
Special Feature		6	6	As viewed from ends. Lower 1/2 of struts have scaling rust.
(Type: VERT STEEL STRUTS)				
Special Feature				
(Type:)				
Roof		N	N	(1660 x 1360 @ 1/4 point.2003/05/27)
Measured Rise (mm)	1360	- 1		
Measured At Ring No.	1000			(10.7%. 2003/05/27) No issues apparent.
Sag (mm)	164			The issues apparent.
Percent Sag	11			
				N. ·
Sidewall		N	N	No issues apparent.
Measured Span (mm)	1660			(0.00/, 0000/05/07)
Measured At Ring No.				(8.9%. 2003/05/27)
Deflection (mm)	136			
Percent Deflection	9		_	
Floor		N	N	(Severely rusted with loss of section. 2001/09/17)
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		N	N	(Couplers bolted to pipe with field cut holes. 2003/05/27)
Separation (mm)	175			
Longitudinal Seams		Х	Х	
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		4	4	Scaling/pitting rust apparent @ u/s 1/2 on lower 50% of barrel.
Corrosion By Soil (Y/N)	No	r	-	
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	NEG			
Ponding (Y/N)	No			

				Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	ion Code: MAIN, Spa	n (mm):	, Rise (mm): 1524, Type: MP)
Fish Passage Adequacy		6	6	
Baffle		N	N	
(Type:)				
Waterway Adequacy		5	5	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		3	3	(G.R. from 27/May/2003 based on roof sag.)
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	X	
Wingwalls			Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		5	5	50% under water. Rated visible portion.
Heaving (mm)	100			
Invert Above/Below Stream Bed BELOW				
Above/Below (mm)	100			
Scour Protection		7	4	Slump failure at SE corner at riprp apron. 1m x 1m x 1m - photo
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 250)				
Scour/Erosion		7	4	Slump failure at SE corner at riprp apron.
Beavers (Y/N)	No			
Downstream End General Ratin	ng	5	4	
		s	tructu	re Usage
		Last	Now	Explanation of Condition
Channel (U/S and D/S)			1	
Alignment		7	7	Man made channel with smooth radius corners.
Bank Stability		6	6	
HWM (m below Top of Culvert)				HWM not visible.
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			6	

		Maintenance Re	ecommend	lations					
Inspector Recommendations	Year	Inspector Comments		Department Comn	nents		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING	i								
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUTO	OFF								
REPAIR SEAMS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 33.3/33	33.3/33.3 Sufficiency Rating (Laste (%)		44.3/43.2	Est. Repl. Yr	2016 Maint. Re		qd. (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	Shane Hall		Assistant's Name						
Next Inspection Date	10-Jan-2014		Previous	Inspection Date	21-Jul-2010				
Inspection Cycle (Default) (months)	21								
Comment									