Bridge Culvert Inspection													
Bridge File Num	nber	72594 -1 Bridge Culvert					Form Type		CUL1				
Year Built 1955						Lot No.		4					
Bridge or Town	Name					ı		Inspector Name		Owen Salava			
Located Over			RY TO CLEA	RWATER	R RIVE	R.	· ·	Inspector Class		BR CLS A			
		6.159.13,	WATERCRS	-ST		,		int Name		Dit old it			
Located On		591:02 C	1 22.595				Assistant Class						
Water Body Cl./	/Year						Inspection Date		24-Oct-2011				
Navigabil. Cl./Year						Data Entry By		Marcia Chavez					
		17 TMD 36 DCE 7 M/5M				Data Entry Date		29-Nov-2011					
		27 52:05:10					Reviewer Name		John O'Brien				
		Transportation (AIT)					Review Date		14-Nov-2011				
Contract Main. Area CMA18								Dept. Reviewer Name		Andrew Smikles			
Clear Roadway/Skew 7.8 / 45 c			leg. (RHF)				Dept. Review Date		02-Dec-2011				
AADT/Year		490 / 201	2010 (A)				Follow			32 230 2311			
Road Classifica	ition	RCU-209	209-110				. Onon Op Dy						
Detour Length (150											
Bridge Culvert		nation											
Number of Culv	erts	1				I		I		I	1		
Pipe #	Barrel	S	pan	Rise (or	Dia.)	Type	Length			Corr. Profile	PI./Slab Thickness	Shape	
1	MAIN	2	489	1752		RPP		18.9		152X51	3.5	PIPE ARCH	
			100	1702		1011		10.9 102/01 0.0				THE ARROTT	
	Special Features Special Features Comment												
Op Control													
					Uti	ilities (L	ocated	at)					
Utility Attachme	T								I				
Telephone	-	to South.					Gas						
Power	2 wire	s 15m No			Municipal								
Others							Proble	m (Y/N)	No				
Remarks													
				А		_	d / Embankment Explanation of Condition						
Horizontal Alignment					Last 8	8	Typical approaches both sides of culvert, North side.						
Vertical Alignment					9	9	1.7p. ca. approached both sides of ourvert, North side.						
Roadway Width (m) 7.800			3	1 3									
Roadway Width (m) 7.800						_							
Embankment					5	5	End of	End of pipe at crown 1.9 m from edge of guardrail on D/S end					
Sideslope (:1)		2.0										
(Height of Cov	ver(m) :	0.5)											
Guardrail (Y/N)			Yes				Minor damage at NE, SE; 3 broken posts, multiple scrapes (photo).						
Approach Roa	d / Emi	hankmont	General Pat	ina	8	8							
Approach Noa	u / Liiii	Dankineni	. General Ivat	iiig	0	0							
						Upstre							
Culvert Compo	nent				Last	Now	Explar	ation of	Condi	tion			
Direction		N		_									
End Treatment Others, None)	(Concre	ete, Steel,	STEEL										
Headwall					Х	X							
Collar	Collar			Х	X								
Wingwalls			X	X									
(Shape:)													
Cutoff Wall			Х	X									

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			Unstre	eam End				
Culvert Component		Last	Now	Explanation of Condition				
Bevel End		5	5	Corrosion / heaving.				
Heaving (mm)	50	3	J	Controlled ving.				
Invert Above/Below Stream Bed								
Above/Below (mm)	150	N.	T -					
Scour Protection		N	5					
(Type : RIP RAP)								
(Avg. Rock Size(mm) : 150)			1					
Scour/Erosion		N	5					
Beavers (Y/N)	No							
Upstream End General Rating		5	5					
		Brid	dgo Cu	lvert Barrel				
Culvert Component				Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN			· ·				
Barrel Last Accessible Date	24-Oct-2011	<u> </u>	.,	,				
Special Features			I					
Special Feature				-				
(Type:)			1					
Special Feature								
(Type:)			1					
Roof		6	6	R2 - 1775mm - 1.3%.				
Measured Rise (mm)	1775			Silted in.				
Measured At Ring No.	2							
Sag (mm)	23							
Percent Sag	1							
Sidewall		5	5	R2 - 2355 mm - 5.4%.				
Measured Span (mm)	2355							
Measured At Ring No.	2							
Deflection (mm)	134							
Percent Deflection	5							
Floor		N	N	250mm of gravel etc. on floor.				
Bulge (mm)								
Measured At Ring No.								
Abrasion (Y/N)	No							
Circumferential Seams		5	5	Up to 6 mm seam gaps.				
Separation (mm)	6	3	J	_ ορ το ο mm scam gaps.				
	U			Un to 10 mm coom gons				
Longitudinal Seams		5	5	Up to 10 mm seam gaps.				
Total No. of Cracked Rings Total No. of Rings with Two	0							
Cracked Seams Min. Remaining Steel								
Between Cracks (mm)								
Proper Lap (Y/N)	No							
Longitudinal Stagger (Y/N)	No							
Coating		4	4	Rust at water line, surface corrosion.				
Corrosion By Soil (Y/N)	No							
Corrosion By Water (Y/N)	Yes							
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	Yes							

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		Bric	ige Cul	lvert Barrel					
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	ın (mm): 2489	, Rise (mm): 1752, Type: RPP)					
Fish Passage Adequacy		7	7						
Baffle		Х	Х						
(Type:)									
Waterway Adequacy		5	5						
Icing (Y/N)	No								
Silting (Y/N)	Yes								
Drift (Y/N)	Yes								
Barrel General Rating		5	5						
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		S							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar		Х	Х						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		Х	Х						
Bevel End		5	5	Corrosion. Minor.					
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	300								
Scour Protection		N	5	Overgrown with vegetation at SE.					
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 150)		1							
Scour/Erosion		N	5						
Beavers (Y/N)	No								
Downstream End General Ratin	ng	5	5						
		s	tructur	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		5	5	Bends u/s & d/s of pipe.					
Bank Stability		6	6						
HWM (m below Top of Culvert)				(HW to crown of pipe evident from drift accumulation @ NW bank -					
Drift (Y/N)	No			photo. 28Jan2005). HWM not visible.					
Drift (Y/N) No Channel Bottom AGGRADING Degrading/Aggrading									
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		5	5						

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Bridge Inspection & Maintenance System (Web 2005)

			Maintenanc	e Recommend	dations					
Inspector Recommendations	Year	Year Inspector Comments			Department Com	nments	Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS	7.00.	ороск						ranger rear		- Cut II
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING	}									
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUT	OFF									
REPAIR SEAMS										
OTHER ACTION	2012	Replace	3ft. approach rail posts							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 55.6/	55.6	Sufficiency Rating (L	.ast/Now)	51.7/51.7	Est. Repl. Yr	2020	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By		Date		E	Estimated Total	I 0				
Proposed Long-Term Strategy	2004.12.27	Culvert shou	ld be ok with normal ma	intenance until	2015.					
On 3-Year Program (Y/N)										
Proposed Action										
T TOPOGGG A TOLION										
Previous Inspector's Name	Owen Salav	 a		Previous	Assistant's Name					
Next Inspection Date	24-Jan-2015			Previous	Inspection Date 06-Dec-2010					
Inspection Cycle (Default) (months)	39									
Comment										