					Brido	ie Culve	art Insn	ection					
Bridge File Nur	nher	75213 -1 Bridge Culvert			ынаў	je Gurve	Ivert Inspection Form Type		CUL 1	CUL1			
Year Built/Lined 1960/1994							Lot No.			4			
Bridge or Town Name DUCHES							Inspector Name		-	Tom Carey			
Located Over	ITVAILIC		RIGATION C, WATERCRS-IC			i		BR CLS A	-				
Located On				18.275			Inspector Class Assistant Name		DI OLO A				
	Voor	30.00 0	10.273				Assistant Class						
Water Body Cl./Year Navigabil. Cl./Year									22 Jun 2010	22 lun 2010			
		2 10 TWD 21 F	40 TMP 04 POE 44 WAN			Inspection Date			22-Jun-2010				
		19 TWP 21 RGE 14 W4M				Data Entry By Data Entry Date			Erin Roberts				
			· · · · · · · · · · · · · · · · · · ·			Reviewer Name			23-Jul-2010				
		тапъропацоп	ransportation (AIT)						Garry Roberts				
Contract Main. Area CMA23 Clear Roadway/Skew 11 /						Review Date Dept. Reviewer Name			20-Jul-2010				
-	//Skew		2000 (4)				<u> </u>			rt			
AADT/Year	- 4!		2009 (A)				· ·	Dept. Review Date 18-Aug-2010					
Road Classifica		RAU-21	1.8-110				Follow	-Ор Ву					
Detour Length		10											
Bridge Culver													
Number of Culv			1			T_	1 4		0 5 0	DI (0) I			
Pipe #	Barrel		Span ————————	Rise (or	Dia.)	Туре		Length	Corr. Profile	PI./Slab Thickness	Shape		
2	MAIN F	FULL	-	1600		MP		34	125X26	2.8	ROUND		
Special Feature	es												
Special Feature	es Comi	ment											
Little Attacker	4				Ut	ilities (L	ocated	at)					
Utility Attachme	ents						0						
Telephone							Gas						
	Power 3 line W r/w - HV E. r/w 30m W					Municip							
Others	Fibre	optics E	KVV				Problei	m (Y/N) No					
Remarks				٨٠	nnroa	ch Poac	l / Emb	ankmont					
						Now	/ Embankment Explanation of Condition						
Horizontal Aligi	nment				8	8	Grade						
Vertical Alignm					7	7	Joinago						
Roadway Width (m)		10.300		<u>'</u>									
Trought Trial			10.000			_							
Embankment					7 7								
Sideslope (6.0										
(Height of Co	ver(m)	1.4)											
Guardrail (Y/N)	Guardrail (Y/N)		No										
Approach Roa	ad / Eml	bankmer	nt General Rat	ing	7	7							
						Upstre	am End						
Culvert Comp	onent				Last	Now	1	ation of Con	dition				
Direction							West						
End Treatment Others, None)	(Concre	ete, Stee	I, STEEL										
Headwall					Х	X							
Collar					X	X							
Wingwalls				X	X								
(Shape:)													
Cutoff Wall					Х	X							

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End	I	6	N	[Minor superficial corrosion on the floor]
Heaving (mm)				[minor capatholar controller and the need]
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			-
Scour Protection	300	8	N	End filled in 300mm above crown of pipe to 15m U/S
(Type : RIP RAP)			11	The filled in 300mm above crown or pipe to 15m 0/0
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8	N	
SCOUI/ETOSIOTI		0	IN	
Beavers (Y/N)				
Upstream End General Rating		6	6	GR carried forward
		Brid	dge Cu	Ivert Barrel
Culvert Component			Now	
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN			, Rise (mm): 1600, Type: MP)
Barrel Last Accessible Date	23-May-2006			Silted in
Special Features				
Special Feature				300mm of crown of pipe exposed at 1.2m holes at both ends of pipe
(Type:)				
Special Feature				
(Type:)				
Roof		N	N	Pipe filled up to 300mm of roof
Measured Rise (mm)	1600			
Measured At Ring No.	3			
Sag (mm)				
Percent Sag				
Sidewall		N	N	
Measured Span (mm)	1600			
Measured At Ring No.	3			
Deflection (mm)				
Percent Deflection				
Floor		N	N	
Bulge (mm)		IV	IN	
Measured At Ring No.				
Abrasion (Y/N)				
		N.I.	N.	
Circumferential Seams		N	N	-
Separation (mm)		.,		(AACH)
Longitudinal Seams		X	N	(Within couplers but all N side wide ga so that pipe bends)
Total No. of Cracked Rings				[NO problem]
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		N	N	(Minor superficial corrosion on the lower half)
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			

		Bric	lge Cu	lvert Barrel					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe #: 2, Secondary Span, Lo	cation Code: MAIN, S	Span (n	nm):	, Rise (mm): 1600, Type: MP)					
Fish Passage Adequacy		X	X						
Baffle			Х						
(Type:)									
Waterway Adequacy		8	Х	Filled in to 300mm of crown in pipe and 300mm above pipe at both					
Icing (Y/N)	No			ends to 15m beyond end of pipe					
Silting (Y/N)	Yes								
Drift (Y/N) No									
Barrel General Rating		N	N						
		D	ownst	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction				East end.					
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar		Х	Х						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall		Х	Х	Minor superficial corrosion the floor					
Bevel End		6	N						
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	100								
Scour Protection		8	N	End filled in to 300mm above crown of pipe to 15m D/S					
(Type: RIP RAP)									
(Avg. Rock Size(mm): 300)									
Scour/Erosion		8	N						
Beavers (Y/N)									
Downstream End General Ratir	ıg	6	6	GR carried forward					
			1	Ire Usage Explanation of Condition					
Channel (U/S and D/S)		Last	Now	Explanation of Condition					
Alignment		7	7						
Bank Stability		7	7						
HWM (m below Top of Culvert)	0.7			[May 28/08]					
Drift (Y/N)	No								
Channel Bottom Degrading/Aggrading									
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

		Maintena	nce Recommend	dations					
Inspector Recommendations	Year	Inspector Comments		Department Comm	ents		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL CONCRETE/STEEL LINING									
INSTALL STRUTS									
INSTALL CONCRETE COLLAR/CUTOFF									
REPAIR SEAMS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/I (%)	Now) 55.6/	55.6 Sufficiency Rating (%)	(Last/Now)	64.9/68.4	Est. Repl. Yr	2051	Maint. Re	qd. (Y/N)	Yes
Special A.T. is investigating Is filled in at both and the second	g with the EID ends. The pipe	if the pipe can be abandonned an no longer in service	nd grouted in.	Department Comments					
Maintenance Reviewed By				Date		Е	Stimated Tota	1 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Tim Davies		Previous	us Assistant's Name					
Next Inspection Date	22-Mar-2012 P			evious Inspection Date 28-May-2008					
Inspection Cycle (Default) (months)	21								
Comment									