Bridge Culvert Inspection															
Bridge File Nun	nber	71968	-1 Bridge Culve	rt			Form 7	Гуре		CUL1					
Year Built 1989							Lot No.			4					
Bridge or Town Name RAYMOND							Inspector Name			Jon Davies					
Located Over		TRIBU	TARY TO MILK 3.1, WATERCR	RESERV S-ST	OIR,		Inspector Class			BR CLS B					
Located On			C1 22.374				Assistant Name								
Water Body Cl.	/Year						Assistant Class			0.4 1 0040					
Navigabil. Cl./Y							Inspection Date			04-Jun-2012	_				
Legal Land Loc		SE SE	C 1 TWP 5 RGE	20 W4M			Data Entry By Kelsey Roberts								
			4:14, 49:20:55	14 40.20.55					Data Entry Date 23-Jun-2012 Reviewer Name Garry Roberts						
			Transportation		Review			Garry Roberts							
Contract Main.	Area	CMA25		` '					lomo	15-Jun-2012					
Clear Roadway	/Skew	10.1 /							Dept. Reviewer Name Tim Davies Dept. Review Date 29-Jun-2012						
AADT/Year		290 / 2	011 (A)	I1 (A)					ıe	29-3011-2012					
Road Classifica	ation	RCU-2	09-110				Follow-Up By								
Detour Length	(km)	10													
Bridge Culvert	Inform	ation													
Number of Culv	/erts		1												
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape			
1	MAIN		-	2740		SP		36.6		152X51	3.0	ROUND			
Special Feature	es														
Special Feature	es Comi	ment													
					Uti	ilities (L	ocated	at)							
Utility Attachme	ents														
Telephone	S. DIT	ГСН					Gas								
Power							Munici	pal							
Others							Proble	m (Y/N)	No						
Remarks							. / =								
				А	Last	Now		ankment nation of C	`ondi	tion					
Horizontal Aligr	nment				9	8		of a sag	Ona	LIOII					
Vertical Alignm					6	6	Botton	r or a dag							
Roadway Width			9.600												
			0.000												
Embankment					7	7									
Sideslope (4.0												
(Height of Co		1.8)	1		<u> </u>										
Guardrail (Y/N)			No												
Approach Roa	d / Eml	oankme	ent General Rat	ing	6	6									
						Upstre									
Culvert Compo	onent				Last	Now		nation of C	ondi	tion					
Direction							South								
End Treatment Others, None)	(Concre	ete, Stee	el, STEEL												
Headwall					Х	X									
Collar					Х	Х									
Wingwalls					Х	Х									
(Shape:)															
Cutoff Wall					Х	Х									

Outroot Comment				am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	 			
Above/Below (mm)	600	_	_	
Scour Protection		7	7	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 350)		T _	_	
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dg <u>e Cu</u>	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa			, Rise (mm): 2740, Type: SP)
Barrel Last Accessible Date	20-Jun-2009			Not accessible due to high water level.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		8	N	P.R. 8
Measured Rise (mm)	2733			
Measured At Ring No.	3			Viewed from D/S end- general roof shape is good.
Sag (mm)	7			
Percent Sag	0			
Sidewall		8	N	P.R. 8
Measured Span (mm)	2745			
Measured At Ring No.	5			
Deflection (mm)	5			
Percent Deflection	0			
Floor		7	N	P.R. 7
Bulge (mm)	0	,	- '	· · · · · ·
Measured At Ring No.	-			
Abrasion (Y/N)	No			
Circumferential Seams	1.12	8	9	P.R. 8
Separation (mm)	0	J	3	1 0
Longitudinal Seams	J	7	N	P.R. 7
Total No. of Cracked Rings	0	/	IN	1 18.7
Total No. of Rings with Two Cracked Seams	U			
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	Yes			
Coating	. 55	7	N	P.R. 7
Corrosion By Soil (Y/N)		/	IN	1 18.7
Corrosion By Water (Y/N)				
	7EBO			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			

		Bric	<u>lge Cu</u>	Ivert Barrel						
Culvert Component			Now	Explanation of Condition						
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm):		, Rise (mm): 2740, Type: SP)						
Fish Passage Adequacy		5	5							
Baffle		Х	Х							
(Type:)										
Waterway Adequacy		6	5	(In June 2002 water backed up on the S side in high runoff, 0.5m						
Icing (Y/N)	No			over pipe)						
Silting (Y/N)	No									
Drift (Y/N)	No									
Barrel General Rating		8	N	P.R. 8						
		D	ownetr	ream End						
Culvert Component		Last	Now	Explanation of Condition						
Direction	<u> </u>	Last	INOW	NORTH						
End Treatment (Concrete, Steel, Others, None)	STEEL									
Headwall		Х	Х							
Collar		Х	Х							
Wingwalls		Х	Х							
(Shape:)		-								
Cutoff Wall		Х	Х							
Bevel End		7	7							
Heaving (mm)	0									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	600									
Scour Protection		4	4	minor scour- used as cattle water hole						
(Type : RIP RAP)				Large scour hole 10mx18mx1.2m around pipe & in the channel. Riprap has been washed d/s 20m from high runoff						
(Avg. Rock Size(mm) : 350)				Triplap has been washed a/s 25th hoth high ration						
Scour/Erosion		4	4							
Beavers (Y/N)	No									
Downstream End General Rati	ng	4	4							
		s	tructu	ire Usage						
		Last	Now	Explanation of Condition						
Channel (U/S and D/S)										
Alignment			8							
Bank Stability		8	8							
HWM (m below Top of Culvert)	1.5			No HWM visible						
Drift (Y/N)	No									
Channel Bottom Degrading/Aggrading	DEGRADING									
Beavers (Y/N)	No									
(Fish Compensation Measure 1 :	NONE)									
(Fish Compensation Measure 2 :	NONE)									
Channel General Rating		8	8							

				Ma	intenance R	Recommen	dations							
Inspector Recommendations	Yea	ar	Inspector (Comments			Department Co	ommer	nts		Target Ye	ar	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) 88.9	N) 88.9/55.6		Sufficiency Rating (Last/Now) (%)		:/Now)	77.0/58.6		st. Repl. Yr	2044 Maint.		Req	ıd. (Y/N)	No
Special Comments for Next Inspection							Department Comments							
Maintenance Reviewed By							Date				Estimated T	otal	0	
Proposed Long-Term Strategy														
On 3-Year Program (Y/N)														
Proposed Action														
Previous Inspector's Name Gai		erts				Previous	Assistant's Name	е						
Next Inspection Date	04-Sep-20	15				Previous	Inspection Date		20-Jun-2009					
Inspection Cycle (Default) (months)	39													
Comment														