Bridge Name						Brida	e Culve	ert Inspe	ection						
Year Built								·			CUL1				
Located Over TRIBUTARY TO MOSQUITO CREEK Inspector Class BR CLS B										4					
Located On	Bridge or Town Name PARKLAND BEA							Inspector Name			Jon Davies				
Located On	Located Over TRIBUTARY			TARY TO MOSO	RY TO MOSQUITO CREEK,										
Water Body CL / Year Large Hand Large					2.1, WATERCRS-ST										
Navigabil CL/Year Legal Land Location NW SEC 16 TWP 15 RSE 27 W4M Data Entry Date 21-Nov-2011 Data Entry Date Data Entry Data Entry Date Data Entry Data Entry Date Data Entry			2:10 L1	10.853;2:10 R	10.924		Assistant Class								
Legal Land Location	-										18-Oct-2011				
Legal Land Location								·			Erin Roberts				
Road Authority	Legal Land Loc	ation	NW SE	C 16 TWP 15 R	GE 27 W	/4M				2	21-Nov-2011				
Road Authority															
Dept. Review Name 1m Davies 25-Nov-2011 30-Nov-2011 30-Nov-201					(AIT)			Review Date			08-Nov-2011				
AADT/Year 8,630 / 2010 (A) Road Classification RAD-412.4-120 RAD-612.4-120 RAD-612			CMA26	<u> </u>							Tim Davies				
Rad Classification RAD-412.4-120 Detout Length (km) 1	Clear Roadway	//Skew	27.8 /					· ·			25-Nov-2011				
Detour Length (km) 1			8,630 /	2010 (A)				Follow-	Up By						
Number of Culvert	Road Classifica	ation	RAD-41	12.4-120					. ,						
Number of Culvers 1		` '	1												
Pipe #			ation												
MAIN 2970 2010 RPP 70.7 152X51 4.0 PIPE ARCH															
1	Pipe #	Barrel		Span	Rise (or	Dia.)	Type		Length	19	Corr. Profile		Shape		
Special Features	1	ΜΔΙΝΙ		2070	2010		RPP		70.7		152¥51		DIDE ARCH		
Special Features Comment	I						IXI I	10.7			102/101	1.0	THE AROTT		
Utility Attachments				OHOTOKETE	JE/ (IVI										
Vilitiy Attachment Culting Attachment Cultin	Openial Feature	30 001111	none												
Telephone						Uti	lities (L	ocated	at)						
Power 2 wire over structure @ West West Problem (Y/N) No	Utility Attachme	ents													
Others Fibre optics West r/w Problem (Y/N) No Approach Road / Embankment Last Now Explanation of Condition Horizontal Alignment 7 7 7 INT 100 m SOUTH Vertical Alignment 27.800	Telephone	East r	/w					Gas							
Remarks Rema	Power	2 wire	over str	ructure @ West				Municip	oal						
Horizontal Alignment	Others	Fibre	optics W	/est r/w				Probler	m (Y/N) No)					
Last Now Explanation of Condition Horizontal Alignment 7 7 17 17 100 m SOUTH 14.1 NBL & 13.7 SBL flaring out for turn offs. Roadway Width (m) 27.800	Remarks														
Horizontal Alignment					A										
Vertical Alignment	Lievine stel Aliev							•							
Now								-							
Roadway Width (m) 27.800 Image: Control of Control o	vertical Alignm	ent				8	8			BL fla	aring out for				
Embankment 7 7 Sideslope (_:1) 4.0 (Height of Cover(m): 1.7) Ves Only on SBL (8 sections) along West side Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, Others, None) STEEL X X Headwall X X X Collar X X X	Panduray Midth (m) 27,900						tuiii oii	ა.							
Sideslope (_:1)	Roadway Widti	1 (111)		27.000											
(Height of Cover(m) : 1.7) Guardrail (Y/N) Yes Only on SBL (8 sections) along West side Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction West End Treatment (Concrete, Steel, Others, None) STEEL Headwall X X Collar X X	Embankment	Embankment			7	7									
Guardrail (Y/N) Yes Only on SBL (8 sections) along West side To percent End Culvert Component Direction End Treatment (Concrete, Steel, Others, None) Headwall Culvert Component To percent End Explanation of Condition West West West Culvert Component To percent End To perc	Sideslope (_:1)		4.0											
Approach Road / Embankment General Rating 7 7 Upstream End Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, STEEL Others, None) X X X Collar X X X	(Height of Co	ver(m):	1.7)												
Upstream End Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, Others, None) STEEL X X Headwall X X X Collar X X X							Only on SBL (8 section			ns) along West side					
Upstream End Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, Others, None) STEEL X X Headwall X X X Collar X X X				_											
Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, Others, None) STEEL X X Headwall X X X Collar X X X	Approach Roa	id / Eml	oankme	nt General Rat	ing	7	7								
Culvert Component Last Now Explanation of Condition Direction W West End Treatment (Concrete, Steel, Others, None) STEEL X X Headwall X X X Collar X X X							Upstre	am End							
Direction W West End Treatment (Concrete, Steel, Others, None) STEEL W Collar X X X X	Culvert Compo	onent													
Others, None) Headwall X X Collar X X															
Collar X X	Others, None)														
	Headwall					X	X								
Wingwalls X X	Collar					Х	Х								
	Wingwalls					Х	Х								
(Shape:)							1								

74537 -1 Bridge Culvert

			Lingtro	am End
Culvert Component			Now	Explanation of Condition
Culvert Component Cutoff Wall		Last X	X	Explanation of Condition
Cuton wan		^	_ ^	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	200			
Scour Protection		6	6	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		6	6	
	1			
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		-0::	dae C-	lvort Porrol
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Codo: MAIN 9			· •
		Span (IIIIII	j. 2970	, ruse tilling. 2010, Type. RFF)
Barrel Last Accessible Date	18-Oct-2011			
Special Features				
Special Feature		7	7	In rings 12-20
(Type : SHOTCRETE BEAM)				South sidewall only
Special Feature				
(Type:)		-		
Roof		5	5	
Measured Rise (mm)	1890			
Measured At Ring No.	17			
Sag (mm)	120			
Percent Sag	6			
Sidewall		4	4	1 cracked seam at D/S
Measured Span (mm)	3042			R12 U/S beam span = 2989mm
Measured At Ring No.	21			R21 D/S beam spam = 3042mm
Deflection (mm)	72			
Percent Deflection	2			
Floor	_	N	5	
Bulge (mm)	0	14		
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams	.10	6	6	
Separation (mm)	0	U	U	
Longitudinal Seams	J	4	4	
Total No. of Cracked Rings	1	4	- 4	
Total No. of Cracked Rings Total No. of Rings with Two	0			7 VALLEY CRACKED East OF SHOTCRETE @ South SIDE
Cracked Seams				HAUNCH SEAM at R21 D/S NEXT TO SHOTCRETE. No change in crack growth 1N stagger at upper roof and sidewall -
Min. Remaining Steel Between Cracks (mm)	110			2N at West
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	No			
Coating		5	5	SPLICE PLATES @ OLD TO NEW CONNECTION SUPERFICIAL
Corrosion By Soil (Y/N)	Yes			WATER & SOIL CORROSION.
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			

74537 -1 Bridge Culvert

		Brio	lge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): 2970	, Rise (mm): 2010, Type: RPP)
Ponding (Y/N)	No			
Fish Passage Adequacy			5	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		4	4	
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		Е		EAST
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		7	6	SURFACE RUST SOUTH
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	150			
Scour Protection		7	7	
(Type: NATURAL)				
(Avg. Rock Size(mm) :)		7	7	
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	6	
			1	re Usage
			Now	Explanation of Condition
Channel (U/S and D/S)		1		
Alignment		7	7	Channel defined by CSP u/s and conc. box d/s - RR tracks.
Bank Stability		7	7	
HWM (m below Top of Culvert)				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		7	7	

74537 -1 Bridge Culvert

			Maintenance R		lations						
Inchester Decemmendations	ecommend			-	Torget Veer	Fot Coot	Cot 4				
Inspector Recommendations	Year	Inspector C	comments		Department Cor	mmeni	is		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING	`										+
INSTALL CONCRETE/STEEL LINING	7										+
INSTALL STRUTS INSTALL CONCRETE COLLAR/CUT	OFF										+
REPAIR SEAMS	011										+
OTHER ACTION											+
OTHER ACTION											_
OTHER ACTION											1
OTHER ACTION											
Structural Condition Rating (Last/N (%)	low) 44.4/4	w) 44.4/44.4 Sufficiency Ratio		/Now)) 59.5/58.5 E		. Repl. Yr	2025 Maint. Re		qd. (Y/N)	No
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date				Estimated Tota	1 0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Garry Roberts	 S		Previous	Assistant's Name						
Next Inspection Date	18-Jul-2013			Previous	Inspection Date		23-Jan-2010				
Inspection Cycle (Default) (months)	21										
Comment											