					Prida	o Cuby	ort Inch	ootion						
Bridge Eile Nur	nhor					e Cuive	Form Type		CUI	CUL1				
Bridge File Number 78506 -1 Bridge Culvert Year Built 1979						Lot No.			4					
Bridge or Town Name MORLEY						Inspector Name			Jon Davies					
Located Over TRAIL-ANIMAL, OVER SP					Inspector Class				BR CLS B					
Located Over TRAIL-ANIMAL, OVER SP Located On 68:04 C1 27.467				Assistant Name			BK	BR GLS B						
	Voor	00.04 C	1 27.407											
Water Body Cl.						Assistant Class			10.6	40.0 0040				
Navigabil. Cl./Y		NIM SEC	C 18 TWP 24	I DOE E WI	= N /	Inspection Date				Sep-2012				
Legal Land Loc								Data Entry By		Lauren Korte				
Longitude, Latitude -114:41:57, 51:02:4							Data Entry Date Reviewer Name			10-Oct-2012				
·			ransportatio	ansportation (AIT)				Reviewer Name Review Date		Garry Roberts				
Contract Main. Area CMA28			-l:							21-Sep-2012				
Clear Roadway	//Skew	12.3 / 0					Dept. Reviewer Name							
AADT/Year		310 / 20					Dept. Review Date		e 11-0	Oct-2012				
Road Classifica		RAU-21	1.8-110				Follow	-Uр Ву						
Detour Length		16												
Bridge Culvert														
Number of Culv			1			_								
Pipe #	Barrel	,	Span	Rise (or	Dia.)	Туре		Length	Cor	r. Profile	PI./Slab Thickness	Shape		
1	MAIN	4	4928	3150		RPE		28	152	X51	5.0	ELLIPSE		
Special Feature	es													
Special Feature	es Comi	ment												
					Po	cting l	nformat	ion						
Required Vert.	Clearan	oce Postir	na (m)		гo	Sung n	IIIOIIIIat	IOH						
Posted Vertical														
Posted: Lane			Bridge (m)	In Adv	vance (V/NI)	1	ane SB	On Bri	dge (m)	In Adva	nce (Y/N)		
Remarks		equired.	iliage (III)	III Au	varice (1/11)		arie SD	Oli bii	uge (III)	III Auvai	ice (1/14)		
Remarks	Notite	quircu.			1 14	litios (I	_ocated	at)						
Utility Attachme	ante				Oti	iiues (L	<u>-ocaled</u>	at)						
Telephone	West	r/w					Gas							
Power	VVCSt	1/ VV .					Municipal							
Others									No					
Remarks							FIODIE	III (171 N) 1	NO					
Remarks				Λ	nnroad	sh Pos	d / Emb	ankment						
				A	Last	Now			ondition					
Horizontal Aligr	nment				5	5		Explanation of Condition Curve to South.						
Vertical Alignm					7	7	Journal	to ooutii.						
Roadway Width			12.300			,								
For hand on a net				7	6	1.1 @	West side.							
Embankment 2.0			3.0		7	6	4.1 @	vvest side.						
Sideslope (. 0 0/	3.0											
(Height of Co		0.9)	Vas				\\\/ = - +	ido c====	100	alat-	adord balat	noriok afra-U		
Guardrail (Y/N) Yes					West side approx 100 r section on SW corners			at bent.	ndard neight, p	oor job of radius				
Approach Roa	id / Eml	bankmen	nt General R	ating	5	5								
							am End							
Culvert Component		Last	Now	Explar	nation of C	ondition								
Direction					W		West.							
End Treatment (Concrete, Steel, STO) Others, None)		l, STEEL												
Headwall				Х	Х									
Collar					Х	Х								

			Unctro	am End
Culvert Component		Last	Now	Explanation of Condition
Wingwalls		X	X	Explanation of Condition
(Shape:)				
Cutoff Wall		Х	Х	
Cuton Wan				
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	7	
(Type : NATURAL)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Dei	dae Cu	lvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	⊥ tion Code: MAIN, Sna			
Barrel Last Accessible Date	18-Sep-2012		i). 4020	
Darrer Last Accessible Date	10-0ер-2012			
Special Features			_	
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		7	7	Est. roof.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	22			
Percent Sag	1			
Sidewall		4	4	R6 N. Upper longitudinal seam with 3 cracked bolt holes.
Measured Span (mm)	4950			
Measured At Ring No. 5				
Deflection (mm) 22				
Percent Deflection	1			
Floor		N	N	Clay & gravel to 300 mm.
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		7	7	
Separation (mm)	0			
Longitudinal Seams		4	4	R6N upper sidewall Longitudinal Seams with 3 cracked bolt holes - no change Sept/12.
Total No. of Cracked Rings	1			Seams with 3 cracked bolt holes - no change Sept/12.
Total No. of Rings with Two OCracked Seams				Only roof is staggered.
Min. Remaining Steel Between Cracks (mm)	137			
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	No			
Coating		5	5	Rust stains through bolt holes.
Corrosion By Soil (Y/N)	Yes		1	1
Corrosion By Water (Y/N)	No			2 of 5

78506 -1 Bridge Culvert

		Brid	dge Cul	vert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Spa): 4928	, Rise (mm): 3150, Type: RPE)
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N) No				
Fish Passage Adequacy		Х	Х	
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	
				eam End
Culvert Component			Now	Explanation of Condition
Direction		E		East.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	X	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	7	
(Type : NATURAL)				
(Avg. Rock Size(mm): 300)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		5	Structur	e Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		X	X	
Roadway Surface		5	5	
(Type : SOIL)				
Icing (Y/N) No				
Traffic Safety Features		Х	Х	
Туре				
Lighting		Х	Х	
Barrel Leakage (Y/N) No				

Structure Usage									
		Last	Now	Explanation of Condition					
Drainage		5	5						
Structure In Use (Y/N) Yes									
Grade Separation General Rating			5						

78506 -1 Bridge Culvert

		Maint	enance Decemmendations						
Inchester Decemmendations	tenance Recommendations	ant Camma	oto		Torget Veer	Fot Cost	Cot		
Inspector Recommendations	Year	Inspector Comments	Departme	ent Comme	nts		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)EE								+
REPAIR SEAMS	011								+
OTHER ACTION									_
OTHER ACTION									
OTHER ACTION									+
OTHER ACTION									
Structural Condition Rating (Last/N (%)	ow) 44.4/4	Sufficiency Ration (%)	ting (Last/Now) 60.5/60.4	Es	st. Repl. Yr	2025	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection			Departme Commen	ent ts					
Maintenance Reviewed By			Date			E	stimated Tota	I 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Garry Roberts		Previous Assistant's	Name					
Next Inspection Date	18-Jun-2014		Previous Inspection	Previous Inspection Date 07-Jan-2011					
Inspection Cycle (Default) (months)	21								
Comment									