					3rida	a Culve	art Insne	ction						
Bridge File Nur	nher	76496 -1 Bridge Culvert					Form Ty			CULM				
Year Built 1966							Lot No.			4				
Bridge or Town	Nama		Δ					or Name		Owen Salava				
Located Over	IName						Inspector Name Inspector Class			BR CLS A				
Located Over			6 5 32 1 WATEDODS_ST				Assistant Name		DI OLO A					
Located On		29:04 C	1 6 310				Assistant Class							
Water Body Cl.	/Year						Inspection Date		09-Nov-2012					
Navigabil. Cl./Y	'ear				Data Entry By		Marcia Chavez	7						
Legal Land Loc	ation	SE SEC	25 TWP 55 R		Data Entry Date		21-Nov-2012							
Longitude, Latin	tude	-112:14	:10, 53:46:24		Reviewer Name		John O'Brien							
			Transportation		Review Date		15-Nov-2012							
Contract Main. Area CMA14					Dept. Reviewer Name									
Clear Roadway/Skew 12 /								Dept. Reviewer Name Dept. Review Date		26-Nov-2012				
AADT/Year 960 / 201)11 (A)				Follow-I		216	20-1100-2012					
		RCU-20	9-110				- FOIIOW-	ор ву						
Detour Length	(km)	5												
Bridge Culvert		ation												
Number of Culv	/erts		2											
Pipe #	Barrel		Span	Rise (or Dia.)		Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
1	MAIN		1829	1118		FP		26.8		68X13	3.5	ARCH		
2	MAIN		1829	1118		FP		26.8		68X13	3.5	ARCH		
Special Feature	es													
Special Feature	es Comr	ment												
					Uti	ilities (L	_ocated	at)						
Utility Attachme									I					
Telephone North ditch.					Gas		Cross	ing 100m West						
Power 3 wires 21m S o			of c/l.				Municipal Problem (Y/N) No							
Others							Problem	1 (Y/N)	No					
Remarks							. / =							
							d / Emba			tion				
Horizontal Aligr	nmont			L	Last 8	Now 8	Explana	ation of	Conai	tion				
Vertical Alignm					8	8	-							
Roadway Width			12,000	12.000		0								
Toadway Widti	1 (111)		12.000											
Embankment					8	8								
Sideslope (_:1)		4.0	4.0					North embankment measured.					
(Height of Co	ver(m):	1.6)												
Guardrail (Y/N)			No											
Approach Roa	ıd / Emk	bankmer	nt General Rat	ing	8	8								
Culvert Corre	ones*						am End	otion of	Condi	tion				
Culvert Compo		o: Drimo	ry Snan)	Į L	Last	INOM	Explana	ation of	Conal	uon				
(Pipe # : 1, Sp	an rype	e. Pillia	iy Spail)				Fest -	luort.						
End Treatment Others, None)	(Concre	ete, Stee	I, STEEL		S		East cu	ivert.						
Headwall					X	Х								
Collar					X	X								
Wingwalls					Х	X								
(Shape:)														

76496 -1 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	/ Span)			
Cutoff Wall		Х	X	
Bevel End		6	6	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7 N		Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 200)				
Scour/Erosion		7	N	
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm): 1829	, Rise (mm): 1118, Type: FP)
Barrel Last Accessible Date	09-Nov-2012			E barrel.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		4	4	Unable to measure due to silt - no ac action.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	100			Est 9.0% sag
Percent Sag	9			
Sidewall		5	5	
Measured Span (mm)	1910			At mid span.
Measured At Ring No.	2			<u> </u>
Deflection (mm) 79				4.3%
Percent Deflection	4			
Floor		N	N	Silted 300mm
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		6	6	
Separation (mm) 0				
Longitudinal Seams		X	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		6	6	Surface rust below springline.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (V/N)	Ves			

		Brid	dae Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): 1829	, Rise (mm): 1118, Type: FP)
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			300mm silt - photo.
Silting (Y/N)	Yes			
Drift (Y/N)	No		_	
Barrel General Rating		4	4	
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	/ Span)			
Direction		N		East culvert.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	X	
Collar		Х	Х	
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		Х	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 200)				
Scour/Erosion		7	N	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
				am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Direction		S		West culvert.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	Х	
Collar		X	X	
Wingwalls		X	X	
(Shape:)			1	
Cutoff Wall		X	X	

76496 -1 Bridge Culvert

			Upstre	eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Bevel End		6	6	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400		_	
Scour Protection		7	N	Snow covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 200)			_	
Scour/Erosion		7	N	
Beavers (Y/N)	No			
Upstream End General Rating		6	6	
		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm): 18	829, Rise (mm): 1118, Type: FP)
Barrel Last Accessible Date	09-Nov-2012			W culvert
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		4	4	Unable to measure due to silt - no action.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)	100			Est 9.0% sag.
Percent Sag	9			_ L3t 3.070 3dg.
Sidewall		5	5	
Measured Span (mm)	1920			At mid open
Measured At Ring No.	2			At mid span.
Deflection (mm)	89			4.9%
Percent Deflection	5			- 4.070
Floor		N	N	Silted 300mm.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		6	6	
Separation (mm)	20			
Longitudinal Seams		Х	Х	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				1
Longitudinal Stagger (Y/N)				1
Coating		6	6	Surface rust below springline.
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			
53551 1 55/LE1(0/11E0	0			II.

		Brio	lge Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	ocation Code: MAIN, S	Span (r	nm): 18	329, Rise (mm): 1118, Type: FP)
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	Х	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			300mm silt.
Silting (Y/N)	Yes			300Hill Silt.
Drift (Y/N)	No			
Barrel General Rating		4	4	
Culvert Component				eam End Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)	Last	INOW	Explanation of Condition
Direction	lary Spari)	NI		Mark subject
	CTEEL	N		West culvert.
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		X	X	
Collar		Х	Х	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	100			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		7	N	
(Type : RIP RAP)				
(Avg. Rock Size(mm): 200)				
Scour/Erosion		7	N	
Beavers (Y/N)	No			
Downstream End General Ratio	na	7	7	
Downstream End Ocheral Rath	19			
				re Usage
01 1 (11(0 1 D/0)		Last	Now	Explanation of Condition
Channel (U/S and D/S) Alignment		7	7	No distinct channel.
Bank Stability		8	8	
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading				Unknown.
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :				
Channel General Rating		7	7	

Bridge Inspection & Maintenance System (Web 2005)

76496 -1 Bridge Culvert

		Maintenance	Recommendations						
Inspector Recommendations	Year	Inspector Comments		Department Comments					
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/No. (%)	ow) 44.4/44	Sufficiency Rating (La (%)	est/Now) 60.2/60.0	Est. Repl. Yr	2028	Maint. Re	qd. (Y/N)	No	
Special No action for roof de span/deflection is action for roof de span-deflection for ro	eflection at this coceptable.	time; rise estimated, but measured	Department Comments						
Maintenance Reviewed By			Date		E	stimated Tota	0		
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Dave Lam		Previous Assistant's Name	vious Assistant's Name					
Next Inspection Date	09-Aug-2014		Previous Inspection Date	evious Inspection Date 07-Dec-2010					
Inspection Cycle (Default) (months)	21								