Bridge Culvert Inspection													
Bridge File Nun						Form Type			CULM				
Year Built						Lot No.			4				
Bridge or Town	Name							or Name	J	Jason Saly			
		ICLIFFE CREE	K. 5.2.3. W		RCRS-	Inspector Class			R CLS A				
ST						Assistant Name							
Located On		41:14 C	C1 55.787					Assistant Class					
Water Body CI./Year							Inspection Date		2	27-Nov-2012			
Navigabil. Cl./Y			Data Entry By		N	Marcia Chavez							
Legal Land Loc			C 21 TWP 40 R	RGE 6 W4M	1		Data E	ntry Date	1	15-Jan-2013			
								er Name	J	John O'Brien			
			Transportation	Review Date		1	14-Dec-2012						
Contract Main. Area CMA22				Dept. Reviewer Name		me A							
Clear Roadway/Skew 11 /					Dept. Review Date			17-Jan-2013					
AADT/Year		850 / 20					Follow-	Up By					
Road Classifica	tion	RAU-21	0-110				_						
Detour Length (	· /	5											
Bridge Culvert		i											
Number of Culv			2										
Pipe #	Barrel		Span	Rise (or Di	Dia.) Type			Length	C	orr. Profile	PI./Slab Thickness	Shape	
1	MAIN		-	1200		MP		20	6	BX13	2.8	ROUND	
2	MAIN		-	900		MP		20	6	8X13	2.8	ROUND	
Special Feature	es												
Special Feature	es Com	ment											
					Util	lities (l	ocated	at)					
Utility Attachme	ents							,					
Telephone	West	r/w.					Gas						
Power		es 18m East r/w off c/l.					Municip	bal					
Others							Probler		0				
Remarks							1						
				Арр	oroac	h Road	d / Emba	inkment					
					.ast	Now	Explanation of Condition						
Horizontal Aligr	nment				6	6	T" intersection (Twp Rd 404) 100m N from N pipe. Curve to S of pipes with limited sight distance; no passing SB.						
Vertical Alignme	ent				7	7	Superevelation has started.						
Roadway Width	n (m)		11.000										
Embankment					Ν	N	Snow covered.						
Sideslope (	:1)		4.0										
(Height of Co	ver(m)	<b>2.6</b> )											
Guardrail (Y/N)		,	No										
Approach Roa	d / Eml	bankmer	nt General Rat	ing	7	6							
						linstre	am End						
Culvert Compo	onent			L	.ast	Now		ation of Co	onditio	n			
(Pipe # : <b>1, Sp</b>		e: Prima	ry Span)				•						
Direction				V	V		1200 di	a. North pip	pe.				
End Treatment Others, None)	(Concre	ete, Stee	I, STEEL						-				
Headwall			1		Х	Х							
Collar					Х	X							
Wingwalls	Winowalls				Х	X							
					~	~							
(Shape : )					~		1 of 6						

	Upstream End									
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Span Type: Primary	/ Span)									
Cutoff Wall		X	X							
Bevel End		N	N	(Extensive corrosion on floor. 17Aug2009).						
Heaving (mm)	0									
Invert Above/Below Stream Bed										
Above/Below (mm)	0									
Scour Protection		N	N							
(Type : NATURAL)				-						
(Avg. Rock Size(mm) : )			_							
Scour/Erosion		N	N							
Beavers (Y/N)	No			Beaver protection cage over inlet.						
Upstream End General Rating		4	4	(Based on previous bevel rating. 17Aug2009).						
				lvert Barrel						
Culvert Component			Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	ı):	, Rise (mm): 1200, Type: MP)						
Barrel Last Accessible Date	10-Dec-1992			Inspected barrel from both ends; both shape and condition appear adequate. Beaver prevention cages at both ends fastened to barrel.						
Special Features										
Special Feature										
(Туре : )										
Special Feature										
(Туре : )										
Roof		N	N							
Measured Rise (mm)				-						
Measured At Ring No.				-						
Sag (mm)										
Percent Sag			_							
Sidewall	1	N	N							
Measured Span (mm)										
Measured At Ring No.										
Deflection (mm)										
Percent Deflection										
Floor		N	N							
Bulge (mm)				-						
Measured At Ring No.				-						
Abrasion (Y/N)										
Circumferential Seams		N	N							
Separation (mm)			••							
Longitudinal Seams		N	N	(Riveted seams. 17Aug2009).						
Total No. of Cracked Rings				-						
Total No. of Rings with Two Cracked Seams				-						
Min. Remaining Steel Between Cracks (mm)				-						
Proper Lap (Y/N)	Yes			-						
Longitudinal Stagger (Y/N)	Yes									
Coating	1	N	N	(Extensive rust on sidewalls. 17Aug2009).						
Corrosion By Soil (Y/N)	No			-						
Corrosion By Water (Y/N)	Yes									

Bridge Inspection & Maintenance System (Web 2005)

07206 -1 Bridge Culvert

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	):	, Rise (mm): 1200, Type: MP)					
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	No								
Fish Passage Adequacy		5	5	Rating carried forward.					
Baffle		N	N						
(Туре:)		1							
Waterway Adequacy		N	5						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		N	N	GR was "5" from 27Mar2008.					
Culvert Component		D Last		eam End Explanation of Condition					
(Pipe # : 1, Span Type: Primary	(Span)	Lasi	140 W						
Direction		E		North pipe.					
End Treatment (Concrete, Steel, Others, None)	STEEL	_							
Headwall		X	X						
Collar			Х						
Wingwalls		X	Х						
(Shape : )									
Cutoff Wall		X	X						
Bevel End		N	N	(Superficial rust on sidewall. 17Aug2009) - Snow covered.					
Heaving (mm)	0								
Invert Above/Below Stream Bed									
Above/Below (mm)	0								
Scour Protection		N	N						
(Type : NATURAL)									
(Avg. Rock Size(mm) : )		1							
Scour/Erosion		N	N						
Beavers (Y/N)	No			Beaver protection cage over outlet.					
Downstream End General Ration	ng	N	N	GR was 5 from 17Aug2009.					
		Last		am End					
Culvert Component			Now	Explanation of Condition					
(Pipe # : 2, Span Type: Second	ary Span)								
Direction		W		South pipe.					
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar		X	X						
Wingwalls		X	X						
(Shape : )									
Cutoff Wall		X	X						

				am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Bevel End		N	N	Snow covered.
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	0		-	
Scour Protection		N	N	
(Type : NATURAL)				
(Avg. Rock Size(mm) : )			-	
Scour/Erosion		N	N	
Beavers (Y/N)	No			Beaver cage over inlet.
Upstream End General Rating		N	N	GR was 6 from 17Aug2009.
		Brid	dae Cu	lvert Barrel
Culvert Component		1		Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (I		, Rise (mm): 900, Type: MP)
Barrel Last Accessible Date	10-Dec-1992			Inspected barrel from both ends; both shape and condition appear
				adequate. Beaver prevention cages at both ends fastened to barrel.
Special Features				beaver proversion eages at bein ends lastened to barrel.
Special Feature				
(Type : )				
Special Feature				
(Type : )		I		
Roof		N	N	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N	N	
Bulge (mm)				-
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N	N	
Separation (mm)				
Longitudinal Seams		N	N	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	Yes			
Longitudinal Stagger (Y/N)	Yes			
Coating		N	N	(Superficial rust on sidewalls. 17Aug2009).
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	ZERO			

Bridge Inspection & Maintenance System (Web 2005)

07206 -1 Bridge Culvert

Bridge Culvert Barrel									
Culvert Component			Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 900, Type: MP)					
Ponding (Y/N)	No								
Fish Passage Adequacy		5	5	Rating carried forward.					
Baffle		X	X						
(Type:)									
Waterway Adequacy		N	5						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			N	GR was "5" from 27Mar2008.					
		D	ownst	ream End					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Span Type: Second	ary Span)								
Direction		E							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar			Х						
Wingwalls		X	Х						
(Shape : )									
Cutoff Wall		X	X						
Bevel End		N	N	Snow covered.					
Heaving (mm)	0								
Invert Above/Below Stream Bed	ABOVE								
Above/Below (mm)	100								
Scour Protection		N	N						
(Type : <b>NATURAL</b> )									
(Avg. Rock Size(mm) : )									
Scour/Erosion		N	N						
Beavers (Y/N)	No								
Downstream End General Ratir	ng	N	N	Previous GR was 6 from 17Aug2009.					
		S	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		N	7	Drains one marsh into another.					
Bank Stability			N	Snow covered.					
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N)	Yes								
Channel Bottom Degrading/Aggrading				Unknown.					
Beavers (Y/N)	Yes								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Comm	Target Year	Est. Cost	Cat #				
SHOTCRETE REPAIRS												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL CONCRETE/STEEL LINING												
INSTALL STRUTS												
INSTALL CONCRETE COLLAR/CUTO	FF											
REPAIR SEAMS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/No (%)	w)	55.6/55.	6 Sufficiency Rating (Last/N (%)	ow)	67.8/55.2 Est. Repl. Yr 2019		2019	Maint. Reqd. (Y/N)		No		
Special Comments for Next Inspection					Department Comments							
Maintenance Reviewed By					Date		E	Estimated Total	0			
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Jaso		Saly		Previous Assistant's Name								
Next Inspection Date 27-/		-2014		Previous	evious Inspection Date 08-Mar-2011							
Inspection Cycle (Default) (months) 21												
Comment												