		1994													
Bridge File Numb	ber	74373 -	1 Bridge Culve	rt			Form T	уре		CUL1					
Year Built		1994					Lot No			4					
Bridge or Town N	Name	COLIN	ΓΟN				Inspec	tor Name		Todd Warshawski					
Located Over LITTLE PINE CREEK, 8.11.68.11		1,				BR CLS B									
Located On															
Water Body Cl./Y		027.01	0.02.707												
Navigabil. Cl./Year			· ·												
Legal Land Loca		SW SE	C 12 TWP 65 R	GF 22 W	'4M						<u>sta</u>				
Longitude, Latitu															
Road Authority				(AIT)							ieimer				
Contract Main. A			·	()											
Clear Roadway/S							·								
AADT/Year			008 (A)				· ·		ite	25-Mar-2010					
Road Classificati							Follow	-ор ву							
Detour Length (k	m)	3													
Bridge Culvert Information															
Number of Culve	erts		1												
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile		Shape			
1 N	ΛΑΙΝ		-	3670		SP		93.3		152X51		ROUND			
Special Features	3			'				'							
Special Features	Comm	nent	BF tag on top of	of headwa	ıll.										
					Uti	ilities (l	ocated	at)							
Utility Attachmen	nts							,							
Telephone							Gas								
Power							Munici	pal							
Others															
Remarks															
					Last	Now									
Horizontal Alignment		7	7												
Vertical Alignment			6	6											
Roadway Width	(m)		9.700												
Embankment					N	7									
Sideslope (:	1)		3.0												
(Height of Cove		:)	10.0				12.0m								
Guardrail (Y/N)	(, -	. ,	No												
Approach Road	/ Emb	ankme	nt General Rat	ing	6	6									
						Unstre	am End								
Direction			_			111011									
	Concre	te, Stee	I, CONCRETE												
Headwall					6	6	Vertica	l cracks in	n head	wall.					
Collar					N	N	Snow	covered.							
Wingwalls					Х	X									
(Shape:)	(Shape:)														

74373 -1 Bridge Culvert

			Unetro	am End					
Culvert Component		Last	Now	Explanation of Condition					
Cutoff Wall		N	N	Ice covered.					
Caton Wan		- '`	_ '`	ioo oovercu.					
Bevel End		N	N						
Heaving (mm)	100								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	600								
Scour Protection		N	6	(60% sandstone.)					
(Type : RIP RAP)									
(Avg. Rock Size (mm) : 1000)									
Scour/Erosion		N	6						
Beavers (Y/N)	No								
Upstream End General Rating		6	N						
		- 5 -	la o O	hort Powel					
Culvert Company				Ivert Barrel					
Culvert Component (Pipe # : 1, Primary Span, Location)	tion Code: MAIN S			Explanation of Condition					
Barrel Last Accessible Date		pan (mm), K						
Barrei Last Accessible Date	08-Mar-2010								
Special Features		·							
Special Feature				Ice 0.8m from crown @ R14.					
(Type:)									
Special Feature									
(Type:)									
Roof		6	6	Flattening of roof ring 7-14					
Measured Rise (mm)									
Measured At Ring No.				3% estimated.					
Sag (mm)									
Percent Sag									
Sidewall		6	N	Due to height of ice in pipe an accurate measurement could not be					
Measured Span (mm)	3790			obtained.					
Measured At Ring No.	14								
Deflection (mm)	120			(3.3% from 19/Sept/2003)					
Percent Deflection	3			(
Floor		N	N	(1m silt. 19/Sept/2003) Ice covered.					
Bulge (mm)	0								
Measured At Ring No.									
Abrasion (Y/N)	No								
Circumferential Seams		8	8	Upper 1/3 inspected.					
Separation (mm)	0								
Longitudinal Seams		7	7						
Total No. of Cracked Rings	0			Upper seams inspected only.					
Total No. of Rings with Two Cracked Seams									
Min. Remaining Steel Between Cracks (mm)				Stagger 1N					
Proper Lap (Y/N)	Yes								
Longitudinal Stagger (Y/N)	Yes								
Coating		5	5	Minor superficial rust bottom third29-Nov-2006					
Corrosion By Soil (Y/N)	No			1					
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	NEG								

		Brid	dge Cu	Ivert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): -,R	ise (mm): 3670, Type: SP)				
Ponding (Y/N)	No							
Fish Passage Adequacy		Х	6					
Baffle		Х	Х					
(Type:)								
Waterway Adequacy		8	8					
Icing (Y/N)	No							
Silting (Y/N)	Yes							
Drift (Y/N)	No							
Barrel General Rating		6	6					
		D	ownsti	ream End				
Culvert Component			Now	Explanation of Condition				
Direction		W						
End Treatment (Concrete, Steel, Others, None)	STEEL							
Headwall		Х	Х					
Collar		Х	Х					
Wingwalls		Х	Х					
(Shape:)								
Cutoff Wall		Х	Х					
Bevel End		N	N					
Heaving (mm)	200							
Invert Above/Below Stream Bed	BELOW			Ice civered,				
Above/Below (mm)	300							
Scour Protection		N	6	50% sandstone.				
(Type: RIP RAP)								
(Avg. Rock Size (mm) : 1000)								
Scour/Erosion		N	6					
Beavers (Y/N)	No							
Downstream End General Ratio	ng	6	N	G.R. carried forward				
		S	tructu	re Usage				
		Last		Explanation of Condition				
Channel (U/S and D/S)								
Alignment		7	8					
Bank Stability		N	8					
HWM (m below Top of Culvert)				HWM not visible.				
Drift (Y/N)	No			Ice 0.8 from crow March,2010				
Channel Bottom Degrading/Aggrading								
Beavers (Y/N)	No							
(Fish Compensation Measure 1 :	NONE)							
(Fish Compensation Measure 2 :	NONE)							
Channel General Rating		7	8					

			Mainten	ance Recommer	ndations					
Inspector Recommendations	Year	Inspecto	or Comments		Department Com	ments		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS					·					
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL CONCRETE/STEEL LINING										
INSTALL STRUTS										
INSTALL CONCRETE COLLAR/CUTOFF										
REPAIR SEAMS										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	low) 66.7/	66.7	Sufficiency Rating (%)	g (Last/Now)	73.9/72.5	Est. Repl. Yr	2038	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Tota	1 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Jason Saly			Previous	s Assistant's Name					
Next Inspection Date	08-Jun-2013			Previous	s Inspection Date	29-Nov-2006				
Inspection Cycle (Default) (months)	39									
Comment										