					Bridg	e Culve	ert Insp	ection							
Bridge File Num	ber '	76945 -	-1 Bridge Culve	rt			Form Type			CUL1					
Year Built		1996					Lot No			2					
Bridge or Town	Name	HINTO	N				Inspec	nspector Name Todd Warshawski			/ski				
Located Over		BERRYS CREEK, 8.11.107.41.5 WATERCRS-ST			5,		Inspector Class			BR CLS B					
Located On			C1 10.965			Assistant Name									
Water Body Cl./		40.20 C	71 10.905				Assista	nt Class							
Navigabil. Cl./Ye								tion Date		30-Oct-2012					
Legal Land Loca		SE SE(C 33 TWP 47 R	GE 24 W/	51/1		Data E	ntry By		Theresa Lacusta					
Longitude, Latitu			6:49, 53:05:48	GL 24 VV	JIVI		Data Entry Date			21-Nov-2012					
Road Authority			Transportation	(AIT)			- 10 110 1	ver Name		Eric Carcoux					
Contract Main. A		CMA13	·	(Δ11)			Reviev			13-Nov-2012					
							Dept. Reviewer Name Brent Herrick								
Clear Roadway/Skew 9.5 / 40 deg. (RHF) AADT/Year 490 / 2011 (A)					Dept. Review Date		22-Nov-2012								
Road Classificat			13.4-110		Follow-Up By										
Detour Length (I		20	10.1 110	-110											
Bridge Culvert							1								
Number of Culve			1												
	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape			
1 1	MAIN		-	3360		SP		84.7		152X51	3.0	ROUND			
Special Features	 S							'		1.52.6.					
Special Features		nent													
					Uti	ilities (L	ocated	at)							
Utility Attachme	nts														
Telephone	West r	West r/w.					Gas								
Power							Municipal								
Others							Proble	m (Y/N)	No						
Remarks															
Approach Road / Embankment															
						Now	Explanation of Condition Superelevated, S curve.								
Horizontal Align					6	6	Supere	elevated, s	S curve) .					
Vertical Alignme			0.500		7	7	0		-1-1:-:	-					
Roadway Width	(111)		9.500							nt along cl.					
Embankment					N	N	Snow	covered. N	No prob	olem evident.					
1 (== /		3.0													
(Height of Cover(m) : 5.7)															
Guardrail (Y/N)			Yes				Minor s	strike dam en post at	nage. NW.						
Approach Road	d / Emb	ankme	nt General Rat	ing	7	6									
						Upstre									
Culvert Component			Last	Now	Explar	ation of	Condi	tion							
Direction End Treatment (Concrete, Steel, CONCRETE			W		-										
Others, None)	Concre	te, Stee	el, CONCRETE												
Headwall					9	8									
Collar					N	N	Snow covered.								
Wingwalls		X	X												
(Shape:)															
Cutoff Wall					N	N									

76945 -1 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End	1	N	8	Explanation of condition
Heaving (mm)	100	- 1		
Invert Above/Below Stream Bed				(19/Apr/2007)
Above/Below (mm)	1500			(13/Aph/2007)
Scour Protection	1300	N	N	(Sandstone and shale. 27/Sept/2005)Snow covered.
		IN	IN	(Sandstone and Shale, 27/Sept/2005)Show covered.
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 800) Scour/Erosion		N.		
Scour/Erosion		N	N	
Beavers (Y/N)	No			
Upstream End General Rating		8	8	
		Brid	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN,			, Rise (mm): 3360, Type: SP)
Barrel Last Accessible Date	30-Oct-2012			
Special Features				
Special Feature				
(Type:)		<u> </u>		
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	3298			
Measured At Ring No.	13			
Sag (mm)	62			
Percent Sag	2			
Sidewall	_	7	7	
Measured Span (mm)	3428	,		
Measured At Ring No.	13			
Deflection (mm)	68			
Percent Deflection	2			
		NI NI	NI.	Dock clong floor
Floor	0	N	N	Rock along floor.
Bulge (mm)	0			
Measured At Ring No.	Voc			
Abrasion (Y/N)	Yes			
Circumferential Seams		9	8	
Separation (mm)	0		T -	
Longitudinal Seams		9	8	
Total No. of Cracked Rings	0			
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		7	7	Superficial rust on lower 1/2.
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	POS			
Ponding (Y/N)	No			

		Brid	dge Cu	Ivert Barrel								
Culvert Component		Last Now		Explanation of Condition								
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 3360, Type: SP)								
Fish Passage Adequacy		7	7									
Baffle		7	7	Concrete weir with center opening c/w steel buffer angles.								
(Type : WEIR)												
Waterway Adequacy		8	8									
Icing (Y/N)	No											
Silting (Y/N)	No											
Drift (Y/N)	No											
Barrel General Rating		7	7									
Downstream End												
Culvert Component		Last	Now	Explanation of Condition								
Direction		E										
End Treatment (Concrete, Steel, Others, None)	STEEL											
Headwall		Х	X									
Collar		X	X									
Wingwalls		Х	X									
(Shape:)												
Cutoff Wall		X	X									
Bevel End		N	6									
Heaving (mm)	0			Pushed inward by riprap placement.								
Invert Above/Below Stream Bed BELOW				(19/Apr/2007)								
Above/Below (mm)	600											
Scour Protection			N	(Sandstone and shale. 27/Sept/2005) Snow covered.								
(Type : RIP RAP)												
(Avg. Rock Size(mm) : 800)			1									
Scour/Erosion		N	N									
Beavers (Y/N)	avers (Y/N) No											
Downstream End General Rating		8	6									
		S	tructu	re Usage								
		Last	Now	Explanation of Condition								
Channel (U/S and D/S)												
Alignment		7	7									
Bank Stability		7	7									
HWM (m below Top of Culvert)				HWM not visible.								
Drift (Y/N)	No											
Channel Bottom Degrading/Aggrading												
Beavers (Y/N)	No											
(Fish Compensation Measure 1 :	NONE)											
(Fish Compensation Measure 2 :	NONE)											
Channel General Rating		7	7									

			Maintenance Re	commend	lations					
Inspector Recommendations	Year	Inspecto	r Comments		Department Com	nments		Target Year	Est. Cost	Cat #
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	2012	Repair g	uardrail and 1 post.							
OTHER ACTION	2013	Seal crad	cks in ACP							
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/N (%)	ow) 77.8/7	7.8	Sufficiency Rating (Last/I	Now)	81.9/78.7	Est. Repl. Yr	2048	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	Estimated Tota	I 0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Shane Hall			Assistant's Name						
Next Inspection Date	30-Jul-2014			Previous	s Inspection Date 22-Nov-2010					
Inspection Cycle (Default) (months)	21									
Comment										