Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Inspection														
Bridge File Num	nber	76531 -1	Bridge Culver	rt			Form Type			CUL1				
Year Built/Lined 1968/199			-				Lot No.		4					
Bridge or Town Name GRANDE CACHE							or Name		Russel Vanderschaaf					
Located Over	CREEK, 8.10.58.31.2, WATERCRS-				Inspector Class			BR CLS B						
Located On	20.520				Assistant Name									
Located On 40:34 C1 20.520 Water Body Cl./Year					-			Assistant Class						
Navigabil. Cl./Ye							Inspection Date		22-Aug-2012					
Legal Land Loca		SE SEC	16 TWP 57 R	GE 7 W6	WeM			Data Entry By		Theresa Lacusta				
Longitude, Latit	21 52:55:26				Data Entry Date		24-Sep-2012							
			ransportation		Reviewer Name Review Date		Eric Carcoux							
Contract Main. Area CMA05			· · · · ·						24-Sep-2012					
Clear Roadway/Skew 8 /									Steve Pasquan					
AADT/Year 1,590 / 20			011 (A)	011 (A)				Dept. Review Date Follow-Up By		04-Jan-2013				
Road Classifica	tion	RAU-209						ор Бу						
Detour Length (km)	60												
Bridge Culvert	Inform	ation												
Number of Culv	erts	1												
Pipe #	Barrel	S	span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
	MAIN F LINER	ULL -		3600		MP		56.7		125X26	2.8	ROUND		
Special Feature				<u> </u>		<u> </u>								
Special Feature		ment												
-														
	nto				Uti	lities (L	ocated	at)						
Utility Attachme Telephone	S r/w						Gas							
Power							Municipal							
Others		re o/h N r/w					Problem (Y/N) No							
Remarks														
				A	pproad	ch Road	d / Emba	inkment						
	Approach Road / Embankment Last Now Explanation of Condition													
Horizontal Alignment			6	6	No passing westbound, crest curve									
Vertical Alignme	ent		6 6			6	with limited sight distance.							
Roadway Width (m)		8.000												
Embankment			8			8								
Sideslope (:1)		3.0											
(Height of Cov	/er(m) :	4.5)												
Guardrail (Y/N)			Yes											
Approach Road	d / Emb	bankmen	t General Rat	ing	6	6								
						Upstre	am End							
Culvert Component			Last	Now	Explanation of Condition									
Direction				S										
End Treatment (Concrete, Steel, CONCRETE Others, None)														
Headwall			Х	X										
Collar			N	7										
Wingwalls			X	X										
(Shape :)				~	~									
Cutoff Wall				X	X									
						Paga	1 of 4							

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Upstream End									
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		N	6						
Heaving (mm)									
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	300		1						
Scour Protection		N	6						
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 300)									
Scour/Erosion			6						
Beavers (Y/N) No									
Upstream End General Rating			6						
		Bric	dge Cu	lvert Barrel					
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S			, Rise (mm): 3600, Type: MP)					
Barrel Last Accessible Date	22-Aug-2012								
Special Features		1	-						
Special Feature									
(Type :)		1	1						
Special Feature									
(Туре :)									
Roof		7	7						
Measured Rise (mm)	3596			@ c/l.					
Measured At Ring No.				Floor covered in rock 150mm.					
Sag (mm)	1								
Percent Sag	1								
Sidewall		7	7						
Measured Span (mm)	3623								
Measured At Ring No.				@ c/l					
Deflection (mm)	23								
Percent Deflection	1								
Floor		N	N	Under rock.					
Bulge (mm)									
Measured At Ring No.									
Abrasion (Y/N)									
Circumferential Seams		N	7	Welded					
Separation (mm)									
Longitudinal Seams		N	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)				-					
		N	4	Minor superficial rust on floor					
Coating	No	IN	4	Minor superficial rust on floor.					
Corrosion By Soil (Y/N)	No								
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	No								

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76531 -1 Bridge Culvert

		Bric	dae Cu	lvert Barrel					
Culvert Component		1	Now	Explanation of Condition					
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (n	nm):	, Rise (mm): 3600, Type: MP)					
Fish Passage Adequacy			4	outfall at end of D/S RIPRAP.					
Baffle			Х						
(Type:)									
Waterway Adequacy		6	6	25-Feb-2009					
Icing (Y/N) Yes									
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating			7						
Downstream End									
Culvert Component		Last	Now	Explanation of Condition					
Direction	1	N		-					
End Treatment (Concrete, Steel, Others, None)	End Treatment (Concrete, Steel, STEEL Others, None)								
Headwall		X	X						
Collar			Х						
Wingwalls		Х	Х						
(Shape :)									
Cutoff Wall			X						
Bevel End		N	5						
Heaving (mm)									
Invert Above/Below Stream Bed	ABOVE								
Above/Below (mm)	Above/Below (mm) 1000								
Scour Protection		N	5						
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 350)		1	1						
Scour/Erosion		N	5						
Beavers (Y/N)	No								
Downstream End General Ration	ng	5	5						
		S	tructur	re Usage					
		1	1	Explanation of Condition					
Channel (U/S and D/S)			1						
Alignment		7	7						
Bank Stability			5	Vertical bank downstream.					
HWM (m below Top of Culvert) 2.0			1	HWM(98/06/20)					
Drift (Y/N)	No								
Channel Bottom DEGRADING Degrading/Aggrading									
Beavers (Y/N) No									
(Fish Compensation Measure 1 : NONE)									
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating			7						

Maintenance Recommendations											
Inspector Recommendations		′ear	Inspector Comments	Department Comme	Target Year	Est. Cost	Cat #				
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTC)FF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No (%)	ow) 5	5.6/77.8	8 Sufficiency Rating (Last/Now) (%)	49.2/61.5 E	Est. Repl. Yr 2030	Maint. Re	qd. (Y/N)	No			
Special Scheduled for exten Comments for Next Inspection) upgrading.	Department Comments									
Maintenance Reviewed By				Date		Estimated Tota	0				
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name Ru		/anders	chaaf Previous	Assistant's Name							
Next Inspection Date	22-May-2	2014	Previous	Inspection Date	18-Nov-2010						
Inspection Cycle (Default) (months)	21										
Comment											