Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Inspection														
Bridge File Number 72134 -1 Bridge Culvert							Form Type		CUL1					
Year Built 1961							Lot No.			2				
Bridge or Town	Name F	LATBL	JSH				Inspector Name		Todd Warshawski					
Located Over	C	CHISHO	OLM CREEK, 8.11.83, WATERCRS-				Inspector Class			BR CLS B				
	S	51 14:04 C	1 25 131				Assistant Name							
Water Body CL/	Voor	+.04 0	125.151		Assistant Class									
Navigabil CL/Voor										16-Apr-2013				
Legal Land Loca			22 TWP 67 F		51/		Data Entry By			Theresa Lacusta				
Legal Land Location SVV SEC		·12 51·18·31		Data Entry Date			24-Apr-2013							
Longitude, Latitude -114:04:4		Transportation		Reviewer Name			Eric Carcoux							
Contract Main Area CMA10		Transportation		Review Date		21-Apr-2013								
Clear Roadway/Skew 11 / -30		dea. (LHF)		Dept. Reviewer Name		Brent Herrick								
AADT/Year	1	.900/2	0 / 2012 (A)					Dept. Review Date		01-May-2013				
Road Classificat	tion R	RAU-21	0-110				Follow-Up By							
Detour Length (km) 2	20												
Bridge Culvert Information														
Number of Culverts 1														
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-	2120		SP		36.6		152X51	2.8	ROUND		
Special Features	s													
Special Features	s Comme	ent												
Litility Attachmor	Utilities (Located at)													
relephone west i/w				Municipal										
Power	3 wire o	o/h East r/w					Probler	Problem (Y/N) No						
Others depth guage d/s														
Remarks BF tag on u/s end.														
A						proach Road / Embankment								
				Last	Now									
Horizontal Alignment					7	7	Access road to SW.							
Vertical Alignment		40.000		8	8	Wide grand in ACD over zing that								
Roadway Width (m)		10.600												
Embankment	Embankment			8 8			_							
Sideslope (:	:1)		4.0											
(Height of Cov	/er(m) : 1)												
Guardrail (Y/N)			Yes											
Approach Road	d / Emba	ankmer	nt General Rat	ing	7	7								
						Upstre	am End							
Culvert Compo	nent				Last	Now	Explan	ation of	Condit	tion				
Direction		Е												
End Treatment (Concrete, Steel, STEEL Others, None)														
Headwall			X	X										
Collar			Х	X										
Wingwalls				Х	Х									
(Shape :)														
Cutoff Wall					Х	Х								

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Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Bevel End		6	5	Crown bent from equipment.						
Heaving (mm)	100									
Invert Above/Below Stream Bed										
Above/Below (mm)	0									
Scour Protection		6	5	Few rocks, well grassed.						
(Type : RIP RAP)										
(Avg. Rock Size(mm) : 200)			-							
Scour/Erosion		6	5							
Beavers (Y/N)	Yes			1.2m high dam on inletphoto						
Upstream End General Rating		6	5							
		Bric	dge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2120, Type: SP)						
Barrel Last Accessible Date	16-Apr-2013			Pipe may be VE. Confirm at next inspection.						
Special Features										
Special Feature										
(Type :)										
Special Feature										
(Туре :)										
Roof		7	7	Rise not measured due to ice.						
Measured Rise (mm)	2032			Sag est at less than 3%.						
Measured At Ring No.										
Sag (mm)	29									
Percent Sag										
Sidewall			7							
Measured Span (mm)	2032									
Measured At Ring No.	7									
Deflection (mm)	13									
Percent Deflection										
Floor		N	N	Ice covered						
Bulge (mm)	0									
Measured At Ring No.										
Abrasion (Y/N)	No									
Circumferential Seams			6							
Separation (mm)	0									
Longitudinal Seams		N	4							
Total No. of Cracked Rings	0			Several upper seams with insufficient bolt length.						
Total No. of Rings with Two Cracked Seams										
Min. Remaining Steel Between Cracks (mm)				1N Stagger						
Proper Lap (Y/N)	No									
Longitudinal Stagger (Y/N) Yes										
Coating		N	5	Pitting on lower 1/3.						
Corrosion By Soil (Y/N)	Yes			Stains on upper seams/bolts						
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	NEG									
Ponding (Y/N)	No			1.0m deep at u/s end.						

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Bridge Culvert Barrel									
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	i <mark>n (</mark> mm):	, Rise (mm): 2120, Type: SP)					
Fish Passage Adequacy		6	6						
Baffle		N	X						
(Туре :)									
Waterway Adequacy			6						
Icing (Y/N)	No								
Silting (Y/N)	No			_					
Drift (Y/N)	Yes								
Barrel General Rating			4						
Downstream End									
Culvert Component		Last	Now	Explanation of Condition					
Direction	rection			-					
End Treatment (Concrete, Steel, Others, None)	STEEL		1						
Headwall		X	X						
Collar			X						
Wingwalls		Х	X						
(Shape :)									
Cutoff Wall			X						
Bevel End		6	6	Floor not viewed/rated.					
Heaving (mm)	100								
Invert Above/Below Stream Bed	Invert Above/Below Stream Bed BELOW			_					
Above/Below (mm)	150		1						
Scour Protection		6	N	Snow covered					
(Type : NATURAL)				-					
(Avg. Rock Size(mm) :)									
Scour/Erosion		6	N	Snow covered					
Beavers (Y/N)	No								
Downstream End General Ratin	ng	6	6						
		S	tructu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment			8						
Bank Stability			8						
HWM (m below Top of Culvert)	0.6			Water stains.					
Drift (Y/N)	Yes								
Channel Bottom NONE Degrading/Aggrading									
Beavers (Y/N) Yes									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating			8						

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Maintenance Recommendations											
Inspector Recommendations		Year	Inspector Comments			Department Comments				Est. Cost	Cat #
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUM	ULATION	2013	Remove of	debris at inlet.							
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTOFF											
REPAIR SEAMS											
OTHER ACTION		2013	Seal crack in ACP.								
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		55.6/44.	.4	Sufficiency Rating (Last/Now) (%)		58.4/51.8 Est. Repl. Yr 202		2027	Maint. Reqd. (Y/N) Yes		Yes
Special Comments for Next Inspection Pipe may be "VE", confirm at next inspection if no ice is on pipe.						Department Comments					
Maintenance Reviewed B					Date		E	Estimated Total	0		
Proposed Long-Term Stra											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	ric Carcoux Previous			Assistant's Name							
Next Inspection Date 16-		16-Jan-2015			Previous	Inspection Date	13-Jul-2011				
Inspection Cycle (Default) (months) 21											
Comment											