					Bridg	e Culve	ert Inspe	ection				
Bridge File Nur	mber 8	31964 -	-1 Bridge Culve	ert			Form T			CUL1		
Year Built	1994						Lot No.			4		
Bridge or Town Name DOROTHY						Inspector Name			Jason Saly			
Located Over TRAIL-ANIMAL, OVER SP							tor Class		BR CLS A			
Located On			C1 11.499				1	int Name				
Water Body Cl.		31 0.0 1	01111100					int Class				
Navigabil. Cl./Y								tion Date		26-Nov-2010		
Legal Land Loc		SE SEC	C 9 TWP 27 R	3F 17 W4I	 М		Data E		<u> </u>	Marcia Chavez	7	
Longitude, Lati):11, 51:17:09							11-Jan-2011		
Road Authority			Transportation	n (AIT)			Data Entry Date 11-Jan-2011 Reviewer Name John O'Brien					
Contract Main.		CMA21	•	. ()			Review			12-Dec-2010		
Clear Roadway		9.4 / -18	8 deg. (LHF)		Dept. Reviewer Na							
AADT/Year		450 / 20			Dept. Review Date					11-Jan-2011		
Road Classifica		RCU-20				Follow-Up By						
Detour Length		20						-1 7				
Bridge Culvert										'		
Number of Culv			1									
Pipe #	Barrel		Span	pan Rise (or		Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape
1	MAIN		-	2200		MP		29		125X26	2.8	ROUND
Special Feature												
Special Feature		ent										
·												
					Ро	sting Ir	nformati	ion				
Required Vert.												
Posted Vertical												
Posted: Lane			Bridge (m)	In Adv	ance ((Y/N)	No L	ane SB	C	On Bridge (m)	In Advar	nce (Y/N) No
Remarks	Not Re	quired			Uti	ilities (L	ocated	at)				
Utility Attachme	ents							<i>,</i>				
Telephone							Gas					
Power	1 line S	South R	:/W.				Municip	oal				
Power 1 line South R/W. Others							m (Y/N)	No				
Remarks							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(.,,,	1			
				A	pproac	ch Road	d / Emba	ankment	t			
					Last	Now		ation of		tion		
Horizontal Align	nment		·		9	8	Farm a					
Vertical Alignm	ent				9	8						
Roadway Width			9.400									
Embankment					8	N	Snow	covered.				
Sideslope (_:1)		3.0									
(Height of Co		1)					1					
Guardrail (Y/N)		,	Yes									
Approach Roa	nd / Emba	ankme	nt General Ra	ting	9	8						
						Upstre	am End					
Culvert Compo	onent				Last	Now		ation of	Condi	tion		
Direction			,		N							
End Treatment	(Concret	te, Stee	el, STEEL									
Others, None) Headwall					Х	Х						
Collar					X	X						
Jonai							1					

				am End
Culvert Component		Last	Now	Explanation of Condition
Wingwalls		X	X	
(Shape:)				
Cutoff Wall		X	X	
Bevel End		6	6	Minor bend at roof.
Heaving (mm)	0			
Invert Above/Below Stream Bed				
Above/Below (mm)	400			
Scour Protection		7	N	Snow covered.
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	N	Snow covered.
			''	0.000
Beavers (Y/N)	No			
		_		
Upstream End General Rating		7	6	
		Bri	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	1):	, Rise (mm): 2200, Type: MP)
Barrel Last Accessible Date	26-Nov-2010			
Special Features		1	1	
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		7	7	Not measured due to ice.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				Est. same as sidewall - 2%
Percent Sag	2			
Sidewall		8	7	Span measured at N end = 2159 - 41mm=1.9%; Midpt = 2195 -
Measured Span (mm)	2159			5mm; S end = 2193 - 7mm.
Measured At Ring No.				
Deflection (mm)	41			
Percent Deflection	2			
Floor		N	N	Ice.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		7	6	
Separation (mm)	50			
Longitudinal Seams		Х	Х	
Total No. of Cracked Rings				1
Total No. of Rings with Two				
Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Longitualiai Otagger (1714)				
Coating		7	6	Mild corrosion water and soil
	Yes	7	6	Mild corrosion water and soil

81964 -1 Bridge Culvert

		Brio	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	ı):	, Rise (mm): 2200, Type: MP)
Camber POS/ZERO/NEG	ZERO			
Baffle (Type:) Waterway Adequacy Icing (Y/N) No Silting (Y/N) Yes Drift (Y/N) No				(0.8m. 19Feb2009).
Fish Passage Adequacy		5	5	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		5	5	
Icing (Y/N)	No			(400mm deep. 6/5/04).
Silting (Y/N)	Yes			(100111111 1100)
Drift (Y/N)	No			
Barrel General Rating		7	7	
		D	ownstr	ream End
Culvert Component		Last	Now	Explanation of Condition
Direction		S		
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall		Х	X	
Collar		Х	X	
Wingwalls		Х	Х	
(Shape:)				
Cutoff Wall		Х	Х	
Bevel End		7	7	Log across outlet, used as fence.
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	N	Snow covered.
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	N	Snow covered.
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		s	Structu	re Usage
			Now	Explanation of Condition
Grade Separation				
Road Alignment		X	7	Site handles drainage also.
Roadway Surface		7	7	Dirt on floor.
(Type : ACP)				
Icing (Y/N)	No			
Traffic Safety Features		Х	Х	
Туре				
Lighting		Х	Х	
Barrel Leakage (Y/N) No				

Structure Usage							
		Last	Now	Explanation of Condition			
Drainage		4	5	(Set too low and ponds water. 19Feb2009).			
Structure In Use (Y/N) Yes							
Grade Separation General Rating		4	5				

		Maintenance Recom	mendations					
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	3							
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUT	OFF							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/N (%)	low) 77.8/77	.8 Sufficiency Rating (Last/Now) (%)	67.9/67.3	Est. Repl. Yr	2034	Maint. Re	qd. (Y/N)	No
Special Cattlepass only use Next Inspection	eable after prolo	nged dry period.	Department Comments					
Maintenance Reviewed By	Date		Estimated Total 0					
Proposed Long-Term Strategy	2006.10.25 Cr	own quarter, remove underpass when next t	upgrading occurs, unless r	required for drain	age.			
On 3-Year Program (Y/N)	N							
Proposed Action	2006.10.25 All	ey fencing could be removed immediately as	s it is not being used.					
Previous Inspector's Name	Garry Roberts	Prev	rious Assistant's Name	Assistant's Name				
Next Inspection Date	26-Feb-2014	Prev	ious Inspection Date	s Inspection Date 19-Feb-2009				
Inspection Cycle (Default) (months)	39	'						