					Duid	ao Culv	ort Inone	ation						
Bridge File Nun	nhar	76244 1 Dridge Culvert				Bridge Culve		ype	CUL 1	CUL1				
Bridge File Number 76244 -1 Bridge Culvert Year Built 1965						• •	4							
Bridge or Town Name TWO HILLS						Lot No.			<u> </u>					
							Inspector Name			Jason Saly				
				SP		Inspector Class Assistant Name		BR CLS A	BR CLS A					
Located On 45:08 C1 6.775														
Water Body Cl.								nt Class						
Navigabil. Cl./Y						Inspection Da				23-Jan-2013				
Legal Land Loc				i			Data E		111011111111111111111111111111111111111	Marcia Chavez				
Longitude, Latitude -111:38:44								ntry Date		01-Mar-2013				
			,					er Name	John O'Brien					
Contract Main. Area CMA14							Review			13-Feb-2013				
Clear Roadway	/Skew						Dept. Reviewer Name			Chris Black				
AADT/Year		660 / 20	11 (A)					Review Da	te 14-Mar-2013					
Road Classifica	ation	RAU-20	9-110				Follow-Up By							
Detour Length	` '	2												
Bridge Culvert		ation												
Number of Culv	/erts		1											
Pipe #	Barrel		Span	Rise	e (or Dia.)	Туре		Length	Corr. Profile	Pl./Slab Thickness	Shape			
1	MAIN		1724	190	)1	MPE		20.1	68X13	3.5	ELLIPSE			
Special Feature	es													
Special Feature	es Comi	ment												
5	01	5 (	( )		P	osting I	nformati	on						
Required Vert.														
Posted Vertical				No										
Posted: Lane			Bridge (m)		n Advance	(Y/N)	Li	ane SB	On Bridge (m)	In Adva	nce (Y/N)			
Remarks	Not re	equired; c	attle cross	sing.										
					U	tilities (	Located	at)						
Utility Attachme							-							
Telephone		d in Sout					Gas							
Power	2 wire	OH acro	ss road 1	80m Wes	st.		Municip							
Others							Probler	n (Y/N)	No					
Remarks														
								ankment						
					Last			Explanation of Condition						
Horizontal Align					7	7	Interse	Intersection with local road 200m west. Curve 300m west. of blind crest curve. No passing EB.						
Vertical Alignm					6	6	OI DIIIIO	- CICSC CUIT						
Roadway Width	n (m)		9.200											
Embankment					0	NI NI	Snow	rovered b	ut no signs of proble	me				
	.1)		3.0		8	8 N		overeu, D	at no signs of proble	1115.				
Sideslope (	•	. 4 4\	3.0											
(Height of Co		. 1.1)	V											
Guardrail (Y/N)			Yes											
Approach Roa	id / Eml	bankmen	nt Genera	I Rating	6	6								
							eam End							
Culvert Compo	onent				Last	Now	Explan	ation of C	Condition					
Direction					N									
End Treatment (Concrete, Steel, NONE Others, None)														
Headwall			X	X										
Collar					Х	X								

			Unetro	om End
Culvert Component		Last	Now	am End Explanation of Condition
Wingwalls		X	X	Explanation of Condition
(Shape: )				
Cutoff Wall		Х	X	
Outon vvan				
Bevel End		Х	X	Squared end.
Heaving (mm) 0				
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm) 150				
Scour Protection		7	N	Snow covered.
(Type : <b>NATURAL</b> )				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	X	
Beavers (Y/N)	No			
		_	Ι	00 77 071 0044
Upstream End General Rating		7	N	GR was 7 from 07Jun2011.
		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	ı): 1724	, Rise (mm): 1901, Type: MPE)
Barrel Last Accessible Date	23-Jan-2013			
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		6	6	Minor damage to roof at South end.
Measured Rise (mm)				Immor damage to root at count ond.
Measured At Ring No.				
Sag (mm) 0				
Percent Sag				
Sidewall		7	7	Span at N end=1696=28mm
Measured Span (mm)	1695			Span at midpipe=1705=19mm
Measured At Ring No.	1000			Span at S end=1695=29mm=1.7%
Deflection (mm)	29			Inwards 1.7%
Percent Deflection	2			1.770
Floor		N	N	Dirt covered over concrete floor.
Bulge (mm)	0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		7	7	
Separation (mm)	0			1
Longitudinal Seams		7	7	Riveted.
Total No. of Cracked Rings	0		•	
Total No. of Rings with Two	-			
Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		7	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			2 of 5

		Brid	dge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	): 1724	, Rise (mm): 1901, Type: MPE)
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			
Fish Passage Adequacy			Х	
Baffle		Х	Х	
(Type:)			_	
Waterway Adequacy	I	X	X	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		6	6	
				eam End
Culvert Component			Now	Explanation of Condition
Direction		S		
End Treatment (Concrete, Steel, Others, None)	NONE			
Headwall		X	X	
Collar		X	X	
Wingwalls		X	X	
(Shape: )			_	
Cutoff Wall		Х	X	
Bevel End		Х	X	Squared end.
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	150			
Scour Protection		7	N	Snow covered.
(Type: NATURAL)				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	X	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	N	GR was 7 from 07Jun2011.
		5	Structur	e Usage
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	
Roadway Surface		7	7	
(Type : )				
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		7	7					
Structure In Use (Y/N) Yes								
Grade Separation General Rating			7					

		Maintananaa D		ation o					
Inapactor Recommendations	Year	Maintenance Rollinspector Comments	Department Com	Target Year	Est. Cost	Cat #			
Inspector Recommendations	CHOTCRETE REPAIRS						Target rear	ESI. COSI	Cat #
PLACE ADDITIONAL RIP RAP									+
REMOVE DRIFT ACCUMULATION									_
INSTALL CONCRETE/STEEL LINING									_
INSTALL STRUTS									+
INSTALL CONCRETE COLLAR/CUTO	FF								+
REPAIR SEAMS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No (%)	w) 66.7/66	.7 Sufficiency Rating (Last/	Now) 7	8.1/74.3	Est. Repl. Yr	2039	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	2007.12.29 Re	view in two years time for continued u	sage. Browr	nlee & Associates					
Previous Inspector's Name	Jason Saly		Previous A	s Assistant's Name					
Next Inspection Date	23-Oct-2014 Prev			is Inspection Date 06-Jun-2011					
•	21								
Comment									