Bridge Culvert Inspection														
Pear Built Bridge or Town Name RED E Located Over TRIBU 8.10.18 Located On Water Body CI./Year Navigabil. CI./Year Legal Land Location Longitude, Latitude Contract Main. Area CMA02 Clear Roadway/Skew Clear Roadway/Skew 10 / AADT/Year Road Classification RAU-2 Detour Length (km) RAU-2 Detour Length (km) Raurel MAIN Special Features Special Features Comment Utility Attachments Telephone 1 TRIBU 8.10.18 RAU-0 8.10.18 RAU-0 1.15.29 Alberta 1.15.20 RAU-2 1.15.20 ABBRITE 1.15.20 RAU-2 1.15.20 ABBRITE 1.15.20 RAU-2 2.15.20 RAU-2 2		77515 -1 Bridge Culvert					Form Type		CUL1					
						Lot No			2					
Bridge or Town Name RED EARTH CR						Inspec	tor Name		Brian Pientsch					
8.10.18.22			ARY TO UTIKUMA RIVER, 22.4.1, WATERCRS-ST					tor Class		BR CLS A				
							ant Name		Clem Guenette					
		00.00	7. 0.000					ant Class						
•								tion Date		11-Jun-2012				
		SW SE	C 16 TWP 82 R	GE 9 W5	M			ntry By		Theresa Lacusta				
			:50, 56:06:07		•••		Data Entry Date 14-Oct-2012							
			Transportation	(AIT)			Reviewer Name Eric Carcoux							
		CMA02	·	()				Review Date 08-Oct-2012						
			<i></i>				Dept. Reviewer Name David Morrison							
			011 (A)					Dept. Review Date 10-Jan-2013 Follow-Up By						
		RAU-21					Follow	-ор ву						
Detour Length (I	km)	300												
		ation												
Number of Culve	erts		1											
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
1 [MAIN		2610	2877		SPE		42.1		152X51	3.0	ELLIPSE		
Special Features	S													
Special Features	s Comn	nent												
					114	ilities (L	oostoo	ot)						
Litility Attachmer	nte				Οί	ilities (L	.ocatec	al)						
	· ·	ast from	road cl				Gas							
					Municipal									
						m (Y/N)	No							
							1 10010	(1,11)	1110					
				A	oproac	ch Road	d / Emb	ankment						
					Last	Now	Explai	Explanation of Condition						
Horizontal Alignment			8	8	Long s	ag curve.								
Vertical Alignment					6	to cres	Limited sight distance to south due to crest curve. No passing in South bound lane.							
		10.000												
Embankment				6	6									
		4.0												
1 (1							
		,	No											
Approach Road	d / Emb	ankme	nt General Rat	ing	6	6								
						Upstre	am End							
Culvert Compo	nent				Last	Now		nation of	Condi	tion				
Direction					W									
End Treatment (Concrete, Steel, Others, None)														
Headwall					Х	Х								
Collar			Х	Х										
Wingwalls				Х	X									
(Shape:)														

		Unetra	am End
			Explanation of Condition
			Explanation of Condition
	6	6	
100			
BELOW			
300			
	4	4	Loss of fill for 2m beside bevel.
	4	4	Loss of fill for 2m beside bevel.
Vac			Description @ u/a haval
Yes			Beaverdam @ u/s bevel.
	4	4	
	Brid	dge Cu	lvert Barrel
			Explanation of Condition
ation Code: MAIN, Sp			
04-Aug-2010			1m water in pipe - not accessible, viewed from ends - looks good.
	8	N	
2840		- 11	
Z	7	N	Minor construction denting on south
2667	'	1 1 1	side ring 104-Aug-2010
3	NI	NI	Water covered.
	IN	IN	vvaler covered.
			-
No			-
140	7	N.I	
	/	IN	
_U	7	N.I	
	/	IN	
U			
Yes			
No			
		4	Pitting rust bottom 1/2 of pipe.
	4	4	Fitting rust bottom 1/2 or pipe.
No	4	4	Fitting rust bottom 1/2 or pipe.
No Yes	4	4	Fitting rust bottom 1/2 of pipe.
	BELOW 300 30	Last X	X X

Bridge Culvert Barrel							
Culvert Component		Last	Now	Explanation of Condition			
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm): 2610	, Rise (mm): 2877, Type: SPE)			
Ponding (Y/N)	No						
Fish Passage Adequacy		6	6				
Baffle			Х				
(Type:)							
Waterway Adequacy		5	5	(93/02/22)			
Icing (Y/N)	No						
Silting (Y/N)	Yes						
Drift (Y/N)	No						
Barrel General Rating		7	N	GR 7- 04-Aug-2010			
		D	ownstr	ream End			
Culvert Component		Last	Now	Explanation of Condition			
Direction		Е					
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall			Х				
Collar		Х	Х				
Wingwalls		Х	Х				
(Shape:)							
Cutoff Wall		Х	Х				
Bevel End		7	7				
Heaving (mm)	50						
Invert Above/Below Stream Bed BELOW							
Above/Below (mm)	300						
Scour Protection		5	5				
(Type : RIP RAP)							
(Avg. Rock Size(mm): 200)							
Scour/Erosion		5	5				
Beavers (Y/N)	No						
Downstream End General Rating		5	5				
		S	tructur	re Usage			
			Now	Explanation of Condition			
Channel (U/S and D/S)							
Alignment		6	6				
Bank Stability		6	6				
HWM (m below Top of Culvert)				HWN not visible.			
Drift (Y/N) No							
Channel Bottom Degrading/Aggrading							
Beavers (Y/N) No							
(Fish Compensation Measure 1 : NONE)							
(Fish Compensation Measure 2 :							
Channel General Rating		6	6				

		Maintenance Re	commendations					
Inspector Recommendations	Year	Inspector Comments	Department Comr	ments	Target Year	Est. Cost	Cat #	
SHOTCRETE REPAIRS								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION	2012	Remove beaverdam @ u/s bevel.						
INSTALL CONCRETE/STEEL LINING	i							
INSTALL STRUTS								
INSTALL CONCRETE COLLAR/CUTO	OFF							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION							+	
OTHER ACTION								
Structural Condition Rating (Last/No.(%)	ow) 77.8/55	.6 Sufficiency Rating (Last/N	low) 62.3/51.1	Est. Repl. Yr 2031	Maint. Red	qd. (Y/N)	Yes	
Special Comments for Next Inspection	t u/s bevel. Sam	e in 2012 as in 2010.	Department Comments					
Maintenance Reviewed By			Date		Estimated Total	0		
Proposed Long-Term Strategy						_		
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Brian Pientsch		Previous Assistant's Name	Assistant's Name Lisbeth Medina				
Next Inspection Date	11-Mar-2014 Previous Inspection Date 04-Aug-2010							
Inspection Cycle (Default) (months)	21							
Comment								