Bridge Culvert Inspection																
Bridge File Number 77751 -2 Bridge Culvert					Form 7	Гуре		CUL1								
Year Built		2003				Lot No.			4							
Bridge or Town Name FT VERMILION							Inspector Name			Brian Pientsch						
Located Over		TRIBU	TARY TO PEAC	CE RIVER	R, 8.10	.25,	Inspector Class			BR CLS A						
Located On			C1 24.965				Assistant Name			Clem Guenette						
Water Body Cl./Year								ant Class								
Navigabil. Cl./Year							Inspection Date			14-Jun-2012						
					\\/EN/		Data Entry By Theresa Lacusta									
Legal Land Location NW SEC 15 TWP 108 RGE 13 WS Longitude, Latitude -116:04:48, 58:23:02					VVSIVI		Data E	ntry Date		05-Nov-2012						
Longitude, Latitu Road Authority				/AIT\			Reviev	ver Name		Eric Carcoux						
Contract Main. A		CMA01	Transportation	ion (AII)				v Date		04-Nov-2012						
Clear Roadway/							Dept. Reviewer Name				1					
AADT/Year			011 (A)	g. (RHF)					ate	15-Jan-2013						
Road Classificat		RAU-2			Follow-Up By											
Detour Length (I		3	09-110				-									
Bridge Culvert																
Number of Culve		<u> </u>	1													
	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape				
1	MAIN		_	3050		SP		79.86		152X51	4.0	ROUND				
Special Features			BARREL ELBO	1		Į Oi		7 3.00		102/01	1.0	INCOME				
Special Features		nent	DI WILLE ELD	J V V												
Special Feature																
					Uti	ilities (L	ocated	at)								
Utility Attachme	nts															
Telephone							Gas									
Telephone Power 25m in North r/w. Others						Municipal										
					Proble	m (Y/N)	No									
Remarks																
				A	Ī			ankment								
					Last	Now	i	nation of	_							
Horizontal Align					7	7		ccess 150 of a shal		st. rtical sag curve						
Vertical Alignme			0.000		7	/										
Roadway Width	(m)		9.000													
Embankment					7	7										
Sideslope (:	:1)		3.0													
(Height of Cov	/er(m) :	9.2)														
Guardrail (Y/N)			Yes													
Approach Road	d / Emb	ankme	nt General Rat	ing	7	7										
						Upstre	am Enc									
<b>Culvert Compo</b>	nent				Last	Now		nation of	Condi	tion						
Direction					s											
End Treatment ( Others, None)	(Concre	te, Stee	el, CONCRETE													
Headwall					7	6	Mediu	m to wide	cracks	on West and E	ast sides.					
Collar		Х	Х													
Wingwalls		6	6	Minor erosion behind SW wingwall.												
(Shape: )	(Shape: )															
Cutoff Wall					N	N										

77751 -2 Bridge Culvert

Culvert Component		Last	Now	am End Explanation of Condition						
Bevel End		X	X	Explanation of Condition						
Heaving (mm)	0	^								
Invert Above/Below Stream Bed										
Above/Below (mm)	750	7	7							
Scour Protection		7	7							
(Type : RIP RAP)										
(Avg. Rock Size(mm) : <b>500</b> )										
Scour/Erosion		7	7							
Beavers (Y/N)	No									
<b>Upstream End General Rating</b>		6	6							
		Brid	dge Cu	Ivert Barrel						
Culvert Component		_	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Sp	an (mm	n):	, Rise (mm): 3050, Type: SP)						
Barrel Last Accessible Date	14-Jun-2012									
Special Features										
Special Feature		N	N	(4.38 vertical elbow. 07/Nov/2007) Water approx 1.8m deep at elbow						
(Type : BARREL ELBOW)				location.						
Special Feature										
(Type:)		<u>'</u>								
Roof		8	8							
Measured Rise (mm) 3064				I laward dati						
Measured At Ring No.	10			Upward defl.						
Sag (mm)										
Percent Sag	0									
Sidewall		8	8							
Measured Span (mm)	3014			laward defi						
Measured At Ring No.	10			Inward defl.						
Deflection (mm)										
Percent Deflection	0									
Floor		8	8							
Bulge (mm)	0									
Measured At Ring No.										
Abrasion (Y/N)	No									
Circumferential Seams		9	9							
Separation (mm)	0	9	9							
Longitudinal Seams	·	9	9							
	0	9	9							
Total No. of Cracked Rings  Total No. of Rings with Two Cracked Seams	0			2N. Stagger						
Min. Remaining Steel Between Cracks (mm)										
Proper Lap (Y/N)	Yes									
Longitudinal Stagger (Y/N)	Yes									
Coating		8	8							
Corrosion By Soil (Y/N)	No	0	J							
Corrosion By Water (Y/N)	Yes									
Camber POS/ZERO/NEG	NEG									
Ponding (Y/N)	Yes			D/S of elbow.						
3 (,	1									

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	):	, Rise (mm): 3050, Type: SP)					
Fish Passage Adequacy		4	4	8.55% grade in first 60.1m.					
Baffle		8	8						
(Type : WEIR)									
Waterway Adequacy		9	9						
Icing (Y/N)	No			D/S of elbow					
Silting (Y/N)	Yes								
Drift (Y/N)	No		_						
Barrel General Rating		8	8						
		D	ownstr	eam End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		N							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		Х	Х						
Collar		Х	X						
Wingwalls		Х	X						
(Shape: )		1							
Cutoff Wall		Х	X						
Bevel End		8	8	Water & silt 1.8m deep at D/S end.					
Heaving (mm)	75								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	1500		1						
		8	8						
` ' '									
Scour/Erosion		8	8						
Beavers (Y/N)	No								
Downstream End General Ratio	ng	8	8						
				re Usage					
		Last	Now	Explanation of Condition					
			T -						
-		6	6						
Bank Stability		5	5	Sloughing at east side of U/S end.					
HWM (m below Top of Culvert)				HWM not visible					
Drift (Y/N)	No								
Channel Bottom Degrading/Aggrading	AGGRADING			Silting in.					
Scour Protection (Type: RIP RAP) (Avg. Rock Size(mm): 500) Scour/Erosion Beavers (Y/N) No  Downstream End General Rating  Channel (U/S and D/S) Alignment Bank Stability  HWM (m below Top of Culvert) Drift (Y/N) Channel Bottom AGGRADING									
·									
	NONE)		1						
Channel General Rating		6	6						

				Main	tenance Red	commend	dations							
Inspector Recommendations	Y	Year Inspector Comments			Department Comments						t 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) 8	w) 88.9/88.9		Sufficiency Rating (Last/Now) (%)		ow)	81.7/81.7		st. Repl. Yr 2048		М	aint. Re	qd. (Y/N)	No
Special Comments for Next Inspection							Department Comments							
Maintenance Reviewed By							Date			E	Stimat	ed Tota	1 0	
Proposed Long-Term Strategy														
On 3-Year Program (Y/N)														
Proposed Action														
Previous Inspector's Name Brian		Brian Pientsch				Previous Assistant's Name			Lisbeth Medina					
Next Inspection Date 14-		14-Mar-2014 Pro				Previous	vious Inspection Date 06-Aug-2010							
Inspection Cycle (Default) (months)	21													
Comment														