Bridge Culvert Inspection														
Bridge File Num	Built 1987 e or Town Name DIXONVILLE ed Over TRIBUTARY TO WHITEMUD R 8.10.48.7, WATERCRS-ST ed On 689:02 C1 1.457 r Body CI./Year abil. CI./Year Land Location SW SEC 18 TWP 87 RGE 25 W tude, Latitude -117:58:37, 56:32:14 Authority Alberta Transportation (AIT) act Main. Area CMA04 Roadway/Skew 9.7 / -12 deg. (LHF) r/Year 220 / 2012 (A) Classification RCU-209-110 ar Length (km) 6 e Culvert Information eer of Culverts 1 Barrel Span Rise (or MAIN - 1800 al Features al Features Comment  Attachments hone r 2 wire O/H in North R/W s arks  Application P.700 ankment easlope (_:1) 4.0 gight of Cover(m): 2.3) drail (Y/N) No coach Road / Embankment General Rating				Form Type			CUL1						
Year Built 1987						Lot No.				2				
Bridge or Town Name DIXONVILLE							Inspector Name			Brian Pientsch				
Located Over		TRIBU	TARY TO WHIT	EMUD R	IVER,		Inspector Class		BR CLS A					
Located On Water Body CI./Year Navigabil. CI./Year Legal Land Location SW SEC 1 Longitude, Latitude -117:58:37 Road Authority Alberta Tra Contract Main. Area Clear Roadway/Skew 9.7 / -12 de AADT/Year Road Classification RCU-209- Detour Length (km) Bridge Culvert Information Number of Culverts 1			3 0 1			Assistant Name			Clem Guenett	e				
	Year	000.02	01 1.107					ant Class		BR CLS B				
Navigabil. Cl./Year								tion Date		19-Mar-2013				
					/5M	51/4			Lisa Fairhurst					
Longitude, Latitude -117:58:37, 56:32:14				10L 20 W	Oivi		Data Entry Date 08-Apr-2013							
	auc			(ΔIT)				Reviewer Name Eric Carcoux						
Pear Built Bridge or Town Name Located Over TRIBUTAR 8.10.48.7, \(^1\) Located On Water Body Cl./Year Navigabil. Cl./Year Legal Land Location Longitude, Latitude Located Authority Contract Main. Area Clear Roadway/Skew AADT/Year Road Classification Detour Length (km) Bridge Culvert Information Number of Culverts 1 Pipe # Barrel Barrel Span 1 MAIN Special Features Special Features Comment  Utility Attachments Telephone Power 2 wire O/H in Nord Others Remarks  Horizontal Alignment Vertical Alignment		•	(/ (1 1 )				Review Date 03-Apr-2013							
Clear Roadway/Skew 9.7 / -12 c								pt. Reviewer Name						
AADT/Year 220 / 2012 Road Classification RCU-209- Detour Length (km) 6		-					Review Da	ate						
Road Classification RCU-209  Detour Length (km) 6		· ,		Follow-Up By										
	-													
			1											
Pipe #	Barrel		Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1 1	MAIN		-	1800		MP		31		125X26	3.0	ROUND		
								1 - 1			10.00	1,1,0,0,1,1		
·														
					Uti	ilities (L	ocated	at)						
	nts						I -		I					
							Gas							
	2 wire	O/H in	North R/W				Munici							
							Proble	m (Y/N)	No					
Remarks				Λ.		-l- Dans	l / Emb							
Approach Road / Embankment  Last Now Explanation of Condition														
Horizontal Align	ment				7	7	LAPIAI	iation or	Condi	LIOII				
					8	8								
			9 700											
Troddwdy Widin	(111)		0.700			1								
				7	7									
Sideslope (:			4.0											
(Height of Cover(m): 2.3)														
Guardrail (Y/N)			No											
Approach Road	d / Emb	oankme	nt General Rat	ing	7	7								
						Upstre	am Enc							
Culvert Compo	nent				Last	Now		nation of	Condi	tion				
Direction					N									
End Treatment ( Others, None)	(Concre	ete, Ste	el, STEEL											
Headwall					Х	X								
Collar		Х	Х											
Wingwalls			Х	Х										
(Shape: )														
Cutoff Wall	Cutoff Wall		X	X										

71962 -1 Bridge Culvert

			Haata	om End				
				am End				
Culvert Component		Last	Now	Explanation of Condition				
Bevel End	1	5	N	Snow covered Drift caught in u/s bevel - photo				
Heaving (mm)	100			Print daught in the poster prioto				
Invert Above/Below Stream Bed	<del> </del>							
Above/Below (mm)	200							
Scour Protection		4	N					
(Type : <b>NONE</b> )								
(Avg. Rock Size(mm):)								
Scour/Erosion		4	N	(Bevel projecting 300 from fill, lower half 21Oct2009)				
Beavers (Y/N)	No							
Upstream End General Rating		4	4	GR carried forward				
		Brid	dge Cu	Ivert Barrel				
Culvert Component			Now	Explanation of Condition				
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, S	Span (mm	ı):	, Rise (mm): 1800, Type: MP)				
Barrel Last Accessible Date	19-Mar-2013			1451mm ice to crown				
Special Features								
Special Feature								
(Type:)								
Special Feature								
(Type:)								
Roof		N	7	(est17-Aug-06)				
Measured Rise (mm)	1793	IN		No rise measurements due to silt on				
Measured At Ring No.	1793			floor				
	7							
Sag (mm)	1							
Percent Sag			_					
Sidewall	I	N	7	@ centreline				
Measured Span (mm)	1818							
Measured At Ring No.								
Deflection (mm)	18							
Percent Deflection	1		_					
Floor		N	N	Ice covered				
Bulge (mm)	0							
Measured At Ring No.								
Abrasion (Y/N)	No							
Circumferential Seams		N	5					
Separation (mm)	70							
Longitudinal Seams		Х	Х					
Total No. of Cracked Rings		7,						
Total No. of Rings with Two Cracked Seams								
Min. Remaining Steel Between Cracks (mm)								
Proper Lap (Y/N)								
Longitudinal Stagger (Y/N)								
Coating		N	5	Pitting rust on lower 2/3				
Corrosion By Soil (Y/N)	No	IN	J	Triumy rust off lower 2/3				
	Yes							
Corrosion By Water (Y/N)								
Camber POS/ZERO/NEG	ZERO							
Ponding (Y/N)	No							

71962 -1 Bridge Culvert

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm	):	, Rise (mm): 1800, Type: MP)					
Fish Passage Adequacy		7	7						
Baffle		Х	Х						
(Type:)									
Waterway Adequacy		7	7						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		N	7						
			ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction	I .	S	11011	Explanation of condition					
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		Х	Х						
Collar		Х	Х						
Wingwalls		Х	Х						
(Shape: )									
Cutoff Wall		Х	Х						
Bevel End		5	N	Snow covered					
Heaving (mm)	0								
Invert Above/Below Stream Bed BELOW									
Above/Below (mm) 200									
Scour Protection		5	N	Snow covered					
(Type : <b>NATURAL</b> )									
(Avg. Rock Size(mm):)									
Scour/Erosion		5	N	Snow covered					
Beavers (Y/N)	No			Snow covered					
Downstream End General Ratin	ng	5	5	GR carried forward					
		Structur		re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		7	7						
Bank Stability		7	7						
HWM (m below Top of Culvert)				HWM not visible.					
Orift (Y/N) Yes				Trees falling into channel downstream.					
Channel Bottom Degrading/Aggrading	NONE								
Beavers (Y/N)	No								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		7	7						

		Maintenance F	Recommendatio	ns					
Inspector Recommendations	Year	Inspector Comments		partment Comm	nents		Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS									
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION		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) 55.6/77	.8 Sufficiency Rating (Last	(Now) 62.7/	72.7	Est. Repl. Yr	2023	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection			De	partment mments					
Maintenance Reviewed By			Da	te		E	stimated Tota	0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Eric Carcoux		Previous Assis	stant's Name					
Next Inspection Date	19-Jun-2016		Previous Inspe	s Inspection Date 21-Oct-2009					
Inspection Cycle (Default) (months)	39								
Comment									