Bridge Culvert Inspection															
Bridge File Nun	Bridge File Number 81649 -1 Bridge Culvert							Form Type			CUL1				
Year Built 1968						Lot No.		4							
Bridge or Town Name PEACE RIVER						Inspector Name		Brian Pientsch							
Located Over TRAIL-PED, OVER 50000 PS						Inspector Class		BR CLS A							
Located On 2:60 L1 37.977;2:60 R1 37.978							Assistant Name								
Water Body Cl.	/Year		i					Assistant Class							
Navigabil. CI./Y	ear			1				Inspection Date			14-Dec-2012				
Legal Land Loc	ation	SW SE	EC 32 TWP 83 RGE 21 W5M					Data Entry By			Theresa Lacusta				
Longitude, Latit	17:22, 56:14:21					Data Entry Date			24-Jan-2013						
Road Authority	a Transportation (AIT)					Reviewer Name		Eric Carcoux							
Contract Main. Area CMA04)4					Review Date			08-Jan-2013				
Clear Roadway/Skew 18.7 /								Dept. Reviewer Name		David Morrison					
AADT/Year		5,140/	2011 (A)					Dept. Review Date			21-Mar-2013				
Road Classifica	ation	RAD-4	12.4-120					Follow-Up By							
Detour Length	(km)	5													
Bridge Culvert	Inform	ation													
Number of Culverts 1															
Pipe #	Barrel		Span	Ri	Rise (or Dia.)		Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		-	27	'43		SP		38.1		152X51	2.8	ROUND		
Special Feature	es														
Special Feature	es Comr	nent													
						-									
Doguirod \/ort	Clearen	oo Doot	ing (m)			Po	sting Ir	iformat	on						
Required Vert.	Clearan	ce Post	ing (m)	Na											
Posted Venical			N) Pridao (m)	INO		ianaa (0	n Pridao (m)				
Posteu. Lane		On	ынаде (m)		in Auv	ance ((1/IN) I	NO L			п впаде (m)	in Advan			
Remarks						1 1+i	ilitios (l	ocated	at)						
Utilities (Located at)															
Telephone	20m S	South						Gas							
Power	/priorite Zoni Godini.							Municipal Street			lights.				
Others		9.1 00.11						Problem (Y/N) No							
Remarks								1 100101							
					A	oproad	ch Road	l / Emb	ankment						
						Last	Now	Explan	ation of	Condi	tion				
Horizontal Aligr	nment					8	8	Pedestrian roadway width 1.9 m.							
Vertical Alignm	ent						8	10.2 m	10.2 m westbound, 8.5 m eastbound. (2005/1						
Roadway Width	n (m)		18.700												
Embankment			0.0	2.0		7	N	Snow o	overed.	∋d.					
Sideslope (_:1)	4	3.0												
(Height of Co	ver(m) :	1)													
Guardrail (Y/N)			Yes												
Approach Road / Embankment General Rating				8	8										
Upstream End															
Culvert Component			Last	Now	Explan	Explanation of Condition									
Direction						N									
End Treatment (Concrete, Steel, CONCRETE Others, None)															
Headwall				6	Ν	Snow covered									
Collar				6	N	Rando Snow d	m mediun overed	n latera	al cracks conci	rete01-Sep-20)11				

Upstream End										
Culvert Component		Last	Now	Explanation of Condition						
Wingwalls			X							
(Shape :)										
Cutoff Wall		Х	X							
Bevel End		5	5							
Heaving (mm)	0									
Invert Above/Below Stream Bed										
Above/Below (mm)			-							
Scour Protection		5	5							
(Type : NATURAL)										
(Avg. Rock Size(mm) :)			-							
Scour/Erosion		5	5							
Beavers (Y/N)	No									
Upstream End General Rating		5	5							
		Bric	lge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2743, Type: SP)						
Barrel Last Accessible Date	14-Dec-2012									
Special Features										
				Concrete root outcrop & steel supports						
Root		2	4	Rise not measured, concrete floor. Corrosion occuring at both barrel ends due to exposure on exterior						
Measured Rise (mm)				from highway salt on both embankments.						
Measured At Ring No.	0			-						
Sag (mm)	0			-						
	0	0	4	A deficiency of a second second in the file of a second in the much descent in						
	0500	Z	4	sidewall.						
Measured Span (mm)	2590			-						
Deflection (mm)				-						
Deflection (fiffi)	7									
	1	NI	NI	Concrete fleer in good condition						
Rulao (mm)	0	IN	IN	Wide cracking across concrete floor @ ring 11 where tieing int bridge						
Mocoured At Ping No.	0			overpass.						
Abrasion (Y/N)	No									
Circumforantial Sooma	INU	7	7							
Circumerential Seams	0	1	1							
	0	7	7							
Total No. of Crooked Dingo	0	1	1							
Total No. of Clacked Rings	0									
Cracked Seams				-						
Min. Remaining Steel Between Cracks (mm)				-						
Proper Lap (Y/N)	No			-						
Longitudinal Stagger (Y/N)	Yes									
Coating	1	1	4	New concrete floor has covered perforations. Scaling rust at ends of						
Corrosion By Soil (Y/N)	Yes			barrei on sidewalisphoto - ring 1 &2						
Corrosion By Water (Y/N)	Yes									

Alberta Transportation

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm):	, Rise (mm): 2743, Type: SP)					
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N) No									
Fish Passage Adequacy		Х	X						
Baffle		Х	Х						
(Туре :)									
Waterway Adequacy		Х	Х						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		2	4						
		D	ownstr	ream End					
Culvert Component		Last	Now	Explanation of Condition					
Direction		S		-					
End Treatment (Concrete, Steel, Others, None)	CONCRETE			-					
Headwall		6	N	Snow					
Collar			N	Random medium width lateral cracks01-Sep-2011					
Wingwalls		Х	X						
(Shape :)									
Cutoff Wall		Х	X						
Bevel End	1	3	5	New concrete floor covers perforations.					
Heaving (mm)	0								
Invert Above/Below Stream Bed				-					
Above/Below (mm)			1						
Scour Protection		5	5						
(Type : NATURAL)									
(Avg. Rock Size(mm) :)		1	1						
Scour/Erosion		5	5						
Beavers (Y/N)	No								
Downstream End General Ration	ng	3	5						
			tructu						
		Last	Now	Explanation of Condition					
Grade Separation									
Road Alignment		Х	X						
Roadway Surface			8						
(Type : ACP)									
Icing (Y/N)	No								
Traffic Safety Features		7	7						
Type Guardrail									
Lighting			7						
Barrel Leakage (Y/N)	No		I						

Bridge Inspection & Maintenance System (Web 2005)

Structure Usage									
		Last	Now	Explanation of Condition					
Drainage			N	Minor drainage scaring on embankment slopes01-Sep-2011					
				Snow covere.					
Structure In Use (Y/N) Yes									
Grade Separation General Rati	ng	4	4	GR carried forward from 01-Sep-2011					

Maintenance Recommendations												
Inspector Recommendations		Year	Inspector Comments		Department Comr	nents		Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS												
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL CONCRETE/STEEL LINING	;											
INSTALL STRUTS												
INSTALL CONCRETE COLLAR/CUT	OFF											
REPAIR SEAMS												
OTHER ACTION										_		
OTHER ACTION										_		
OTHER ACTION										_		
OTHER ACTION												
Structural Condition Rating (Last/N (%)	ow)	22.2/44.	4 Sufficiency Rating (Last/Nov (%)	w) 4	47.9/59.4 Est. Repl. Yr 2019		2019	Maint. Reqd. (Y/N		No		
Special Comments for Next Inspection	n S side. t barrel e	ends.			Department Comments							
Maintenance Reviewed By					Date		E	Estimated Total	0			
Proposed Long-Term Strategy												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name	Colin R	оу	P	Assistant's Name								
Next Inspection Date 14-S		-2014	P	revious li	Inspection Date 01-Sep-2011							
Inspection Cycle (Default) (months)	21											
Comment												