						Rride	е Сију	art Inch	ection					
Bridge File Nun	mber 7	73005 -1	1 Bridge C	ulver	•	Bridg	Form Type			CIII 1				
			i blidge C	uivei	L					CUL1				
Year Built 1989						Lot No.		4						
Bridge or Town Name TILLEY  Located Over TRAIL-ANIMAL, OVER SP					Inspector Name Inspector Class			Tom Carey						
Located Over										BR CLS A				
Located On		1:18 L1.	25.307;1:	18 K I	25.292				ant Name					
Water Body Cl.									ant Class	45.5.1.0040				
Navigabil. Cl./Y			10 7140	10.00		45.4	Inspection Date			15-Feb-2012				
Legal Land Loc			10 TWP		∍E 13 W	4IVI				Alyssa Boynton				
Longitude, Latit			10, 50:30		(AIT)				Data Entry Date 26-Mar-2012					
Road Authority Alberta Transportation (AIT)					Reviewer Na			Garry Roberts						
Contract Main. Area CMA23						Review Date			26-Feb-2012					
Clear Roadway		25 /					Dept. Reviewer							
AADT/Year			2011 (A)					<del></del>	Review Date	29-Mar-2012				
Road Classifica		RFD-412	2.4-130					Follow	-Up By					
Detour Length		1												
Bridge Culvert			4											
Number of Culv			1		D: /	D: \	-		1 "	0 5 "	DI (C)	01		
Pipe #	Barrel		Span		Rise (or	Dia.)	Туре		Length	Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN	-	-		2400		MP		71	125X26	2.8	ROUND		
Special Feature	es													
Special Feature	es Comm	ent												
						Po	oting l	nformat	ion					
Required Vert.	Clearanc	o Postir	na (m)			FC	sully i	liorillat	IOII					
Posted Vertical				No										
Posted: Lane			ridge (m)	140	In Adv	/ance (	(V/NI)	No L	ane SB	On Bridge (m)	In Advar	nce (Y/N) No		
Remarks	Not req	_	nage (III)		III Auv	rance (	(1/11)	NO L	arie SD	on Bridge (III)	III Auvai	ice (1/14)   140		
Remarks	1101100	uncu				114	ilitios (l	ocated	at)					
Utility Attachme	ante					Οι	iiiies (i	-ocalieu	at)					
Telephone	N&SF	⊋/\\/						Gas						
Power			duty, North	ahie n				Munici	nal					
Others	40 m fr		auty, Morti	i side					m (Y/N) No					
Remarks		ptic in N	I D /\/\					FIUDIE	III (1/N)   NO					
Remarks	Fibre 0	puc in iv	I K/VV		Λ	nnroa	ch Poa	l / Emb	ankment					
					A	Last	Now		nation of Cond	lition				
Horizontal Aligr	nment					9	9	LAPIAI	iation of conc	ittori				
Vertical Alignm						8	8	-						
Roadway Width (m)		25.000			0	1 0								
Troddway Widti			20.000											
Embankment						8	8							
Sideslope (:1)		4.0												
(Height of Co	ver(m):1	1.2)												
Guardrail (Y/N)		Yes												
Suararan (1714)														
Approach Roa	d / Emba	ankmen	nt Genera	I Rati	ng	8	8							
	ad / Emba	ankmen	nt Genera	l Rati	ng	8		am <u> End</u>						
		ankmen	nt Genera	l Rati	ng		Upstre	am End	nation of Conc	lition_				
Approach Roa		ankmen	nt Genera	l Rati	ng		Upstre	1	nation of Cond	lition				
Approach Roa  Culvert Compo  Direction  End Treatment	onent			l Rati	ng	Last	Upstre	Explar	nation of Cond	lition				
Approach Roa  Culvert Compo	onent			I Rati	ng	Last	Upstre	Explar	nation of Cond	lition				

			Hastra	oom End
				eam End
Culvert Component		Last	Now	Explanation of Condition
Wingwalls		X	X	
(Shape: )			l ,,	
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	7	
(Type : <b>NATURAL</b> )				
(Avg. Rock Size(mm):)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
			dae G	likert Parral
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN Sn			, Rise (mm): 2400, Type: MP)
		Dan (IIIII	ı <u>).</u>	, Rise (IIIII). 2400, Type. Mr)
Barrel Last Accessible Date	15-Feb-2012			
Special Features				
Special Feature				
(Type:)			_	
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	2370			Est.
Measured At Ring No.	2			
Sag (mm)	30			
Percent Sag	1			
Sidewall		6	6	Rock indent east wall north end, minor isolated 100 mm at R2.
Measured Span (mm)	2370			Inward.
Measured At Ring No.	4			a iliwara.
Deflection (mm)	30			
Percent Deflection	1			
Floor		N	N	GBC covered.
Bulge (mm)				400mm in depth
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		8	8	All stuffed with oakum.
Separation (mm)	50			standa mini sanami
Longitudinal Seams	100	X	Х	
Total No. of Cracked Rings				-
Total No. of Rings with Two				
Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		6	6	Minor superficial rust
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)				

		Brid	dge Cu	vert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Location Code: MAIN, Span			):	, Rise (mm): 2400, Type: MP)
Camber POS/ZERO/NEG ZERO				
Ponding (Y/N)	No			
Fish Passage Adequacy		Х	Х	
Baffle		Х	X	
(Type:)				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating	Barrel General Rating			
				eam End
Culvert Component		Last Now		Explanation of Condition
Direction	0.7551	S		South end.
End Treatment (Concrete, Steel, Others, None)	STEEL		1	
Headwall		Х	Х	
Collar		Х	X	
Wingwalls		X	X	
(Shape: )				
Cutoff Wall		X	X	
Bevel End		7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	400			
Scour Protection		7	7	
(Type : <b>NATURAL</b> )				
(Avg. Rock Size(mm):)			1	
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	7	7	
		S	tructu	e Usage
		Last	Now	Explanation of Condition
Grade Separation		I	T	
Road Alignment		X	X	
Roadway Surface		7	7	
(Type : <b>SOIL</b> )				
Icing (Y/N)	No			
Traffic Safety Features		Х	X	
Туре				
Lighting		Х	X	
Barrel Leakage (Y/N) No				

Structure Usage								
			Now	Explanation of Condition				
Drainage		7	7					
Structure In Use (Y/N) Yes								
Grade Separation General Rating			7					

73905 -1 Bridge Culvert

Inspector Recommendations   Year   Inspector Comments   Department Comments   Target Year   Est. Cost   C			Maintenance	Recommendations					
SHOTCRETE REPAIRS PLACE ADDITIONAL RIP RAP REMOVE DRIFT ACCUMULATION INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL STRUTS INSTALL SORORETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy  Date  Estimated Total  O  Frevious Inspector's Name Revious Inspection Date Its-Jul-2010 Inspection Cycle (Default) (months) Inspection Date Its-Jul-2010 Inspection Cycle (Default) (months) Inspection Date Its-Jul-2010 Inspection Date Its-Jul-2010 Inspection Date Its-Jul-2010 Inspection Date Its-Jul-2010 Inspection Cycle (Default) (months) Inspection Date Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2010 Its-Jul-2	Inspector Recommendations	Year			mments		Target Year	Est. Cost	Cat #
PLACE ADDITIONAL RIP RAP   REMOVE DRIFT ACCUMULATION	•								
INSTALL CONCRETE/STEEL LINING INSTALL STRUTS INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Garry Roberts Next Inspection Date  15-Nov-2013 Previous Inspection Date Inspection Date  15-Jul-2010 Inspection Cycle (Default) (months)  1									
INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION	REMOVE DRIFT ACCUMULATION								
INSTALL CONCRETE COLLAR/CUTOFF REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Garry Roberts Next Inspection Date 15-Nov-2013 Previous Inspection Date 15-Nov-2013 Previous Inspection Date 15-Jul-2010 Inspection Cycle (Default) (months)  21	INSTALL CONCRETE/STEEL LINING	i							
REPAIR SEAMS OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) 66.7/66.7 Sufficiency Rating (Last/Now) 70.8/70.8 Est. Repl. Yr 2042 Maint. Reqd. (Y/N) No Special Comments for Next Inspection Maintenance Reviewed By Date Estimated Total 0  Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspection's Name Garry Roberts Previous Assistant's Name Next Inspection Date 15-Nov-2013 Previous Inspection Date 15-Jul-2010 Inspection Cycle (Default) (months) 21	INSTALL STRUTS								
OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection Next Inspection On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Read Sarry Roberts On 3-Year Program (Y/N) Previous Inspection Date Ifs-Nov-2013 Previous Inspection Date Ifs-Nov-2013 Previous Inspection Date Ifs-Nov-2013 Previous Inspection Date Ifs-Jul-2010 Inspection Cycle (Default) (months)	INSTALL CONCRETE COLLAR/CUTO	OFF							
OTHER ACTION  Structural Condition Rating (Last/Now) (%)  Special Comments for Next Inspection On 3-Year Program (Y/N) Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Next Inspection Date Is-Nov-2013 Is-Nov-2013 Is-Nov-2013 Is-Nov-2013 Is-Nov-2013 Is-Nov-2013 Is-Nov-2013 Is-Nov-2014 Is-Nov-2014 Is-Nov-2016 Is-N	REPAIR SEAMS								
OTHER ACTION OTHER ACTION  Structural Condition Rating (Last/Now) 66.7/66.7 Sufficiency Rating (Last/Now) 70.8/70.8 Est. Repl. Yr 2042 Maint. Reqd. (Y/N) No (%)  Special Comments for Next Inspection  Maintenance Reviewed By Date Estimated Total 0  Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name Garry Roberts Previous Assistant's Name  Next Inspection Date 15-Nov-2013 Previous Inspection Date 15-Jul-2010  Inspection Cycle (Default) (months) 21	OTHER ACTION								
Structural Condition Rating (Last/Now) 66.7/66.7 Sufficiency Rating (Last/Now) 70.8/70.8 Est. Repl. Yr 2042 Maint. Reqd. (Y/N) No (%)  Special Comments for Next Inspection  Maintenance Reviewed By Date Estimated Total 0  Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name Garry Roberts Previous Assistant's Name  Next Inspection Date 15-Nov-2013 Previous Inspection Date 15-Jul-2010 Inspection Cycle (Default) (months) 21	OTHER ACTION								
Special Comments for Next Inspection  On 3-Year Program (Y/N)  Previous Inspector's Name  Red Garry Roberts  Next Inspection Date  On 3-Year Program (Y/N)  Previous Inspection Date  Inspection Cycle (Default) (months)  Sufficiency Rating (Last/Now)  (%)  70.8/70.8  Est. Repl. Yr  2042  Maint. Reqd. (Y/N)  No  Postar Program (Estimated Total of the comments of the	OTHER ACTION								
Special Comments for Next Inspection  Maintenance Reviewed By Proposed Long-Term Strategy  On 3-Year Program (Y/N) Proposed Action  Previous Inspector's Name Searry Roberts Next Inspection Date 15-Nov-2013 Inspection Cycle (Default) (months)  Department Comments  Department Comments  Pate  Estimated Total 0  Previous Assistant's Name  Inspection Date 15-Jul-2010  Inspection Cycle (Default) (months) 21	OTHER ACTION								
Comments for Next Inspection  Maintenance Reviewed By  Date  Estimated Total 0  Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name  Garry Roberts  Previous Assistant's Name  Next Inspection Date  15-Nov-2013  Previous Inspection Date  15-Jul-2010  Inspection Cycle (Default) (months)  21	Structural Condition Rating (Last/No. (%)	ow) 66.7/6	Sufficiency Rating (La (%)	st/Now) 70.8/70.8	Est. Repl. Yr	2042	Maint. Re	eqd. (Y/N)	No
Proposed Long-Term Strategy  On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name Garry Roberts Previous Assistant's Name  Next Inspection Date 15-Nov-2013 Previous Inspection Date 15-Jul-2010  Inspection Cycle (Default) (months) 21	Comments for			Department Comments					
On 3-Year Program (Y/N)  Proposed Action  Previous Inspector's Name  Garry Roberts  Previous Assistant's Name  Next Inspection Date  15-Nov-2013  Previous Inspection Date  15-Jul-2010  Inspection Cycle (Default) (months)  21	Maintenance Reviewed By			Date		E	stimated Tota	1 0	
Previous Inspector's Name  Garry Roberts  Previous Assistant's Name  Next Inspection Date  15-Nov-2013  Inspection Cycle (Default) (months)  Previous Assistant's Name  15-Jul-2010	Proposed Long-Term Strategy								
Previous Inspector's Name  Garry Roberts  Previous Assistant's Name  Next Inspection Date  15-Nov-2013  Previous Inspection Date  15-Jul-2010  Inspection Cycle (Default) (months)  21	On 3-Year Program (Y/N)								
Next Inspection Date     15-Nov-2013     Previous Inspection Date     15-Jul-2010       Inspection Cycle (Default) (months)     21	Proposed Action								
Inspection Cycle (Default) (months) 21	Previous Inspector's Name	Garry Roberts		Previous Assistant's Name					
Inspection Cycle (Default) (months) 21	Next Inspection Date	15-Nov-2013		Previous Inspection Date	15-Jul-2010				
		<del>                                     </del>							
L.OMMENT	Comment								