Bridge Culvert Inspection														
Bridge File Num	ber	08365	-1 Bridge Culve	rt			Form 7	Гуре		CUL1				
Year Built 1959 Bridge or Town Name TABER						Lot No			4					
Bridge or Town	Name	TABER	₹				Inspec	tor Name		Garry Roberts				
Year Built 1959 Bridge or Town Name TABER Located Over TRIBUTAF WATERCF Located On 864:02 C1 Water Body Cl./Year Navigabil. Cl./Year Legal Land Location SW SEC 3 Longitude, Latitude -112:12:40 Road Authority Alberta Tra Contract Main. Area CMA24 Clear Roadway/Skew 9.7 / -10 de AADT/Year 490 / 2011 Road Classification RCU-209- Detour Length (km) 6 Bridge Culvert Information Number of Culverts 1 Pipe # Barrel Sp			TARY TO OLDN	MAN RIVE	ER, 2.1	2.4,	Inspector Class			BR CLS A				
Located On								ant Name						
Water Body CI./Year Navigabil. CI./Year Legal Land Location SW SEC 3 Longitude, Latitude -112:12:40 Road Authority Alberta Tra Contract Main. Area CMA24 Clear Roadway/Skew 9.7 / -10 de AADT/Year 490 / 2011 Road Classification RCU-209-0 Detour Length (km) 6 Bridge Culvert Information Number of Culverts 1 Pipe # Barrel Sp 1 MAIN 148			0 : 20:20 :					ant Class						
								tion Date		19-Mar-2012				
	C 36 TWP 11 R	RGE 17 W	′4M			ntry By		Lauren Korte						
		-112:12	2:40, 49:57:04					Data Entry Date Reviewer Name		12-Apr-2012				
Bridge or Town Name Located Over TRIBUTAR WATERCR Located On Water Body Cl./Year Navigabil. Cl./Year Legal Land Location Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Skew AADT/Year APO / 2011 Road Classification RCU-209-1 Detour Length (km) Bridge Culvert Information Number of Culverts 1 Pipe # Barrel Special Features Special Features Comment Utility Attachments Telephone West side. Power 3 wires on East r/s Others Remarks Horizontal Alignment Vertical Alignment		Transportation	(AIT)						Tom Carey					
Contract Main. A	Area	CMA24	1				Review Date Dept. Reviewer Name			23-Mar-2012 Tim Davies				
Clear Roadway/	Skew	9.7 / -1	0 deg. (LHF)					Review Da		17-Apr-2012				
AADT/Year		490 / 2	011 (A)					-Up By	21 C	17-Apr-2012				
		09-110				l Ollow	ОРЪу							
Detour Length (I	km)	6												
Number of Culve	erts		1						I					
Pipe #	Barrel		Span	Rise (or I		Type		Length		Corr. Profile	PI./Slab Thickness	Shape		
1	MAIN		1450	1600		SPE		74.4		152X51	2.8,2.8,2.8	ELLIPSE		
					Uti	ilities (L	ocated	at)						
Utility Attachme	nts					,		<u> </u>						
							Gas							
Power	3 wire	es on East r/w.					Munici	pal						
Others							Proble	m (Y/N)	No					
Approach Road / Embankment														
						Now	Explar	nation of	Condi	tion				
				9	9	-								
				7	7									
Roadway Width	(m)		9.700											
Embankment					6	5								
			1.5											
	/er(m) :	7.6)												
Guardrail (Y/N)			No											
Approach Road	d / Emb	oankme	nt General Rat	ing	7	7								
						Upstre	am End							
Culvert Compo	nent				Last	Now	Explar	nation of	Condi	tion				
Direction				W		West in	nvert.							
End Treatment (Others, None)	(Concre	ete, Stee	el, STEEL											
Headwall					Х	X								
Collar		Х	Х											
Wingwalls			Х	Х										
Sideslope (:1) 1.5 (Height of Cover(m) : 7.6) Guardrail (Y/N) No Approach Road / Embankment General Rating Culvert Component Direction End Treatment (Concrete, Steel, Others, None) Headwall Collar														
Cutoff Wall					X	X								

				am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		N	7	
Heaving (mm)	100			
Invert Above/Below Stream Bed				
Above/Below (mm)	0		1	
Scour Protection		N	7	
(Type : NATURAL)				
(Avg. Rock Size(mm):)				
Scour/Erosion		N	7	
Beavers (Y/N)	No			
Upstream End General Rating		5	7	
		Bri	dge Cu	lvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN.			· •
Barrel Last Accessible Date	19-Mar-2012		•	, , , , , , , , , , , , , , , , , , , ,
Special Features				
Special Feature				
(Type:)			,	1
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	1540	- '		
Measured At Ring No.	11			
Sag (mm)	60			
Percent Sag	3			
Sidewall	<u> </u>	7	7	
Measured Span (mm)	1485	1	1	
• • • •				
Measured At Ring No.	11			
Deflection (mm)	14			
Percent Deflection	1			
Floor	1_	7	7	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		7	7	
Separation (mm)	0			
Longitudinal Seams		7	7	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams	0			1 N stagger.
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			
Longitudinal Stagger (Y/N)	Yes			
Coating		7	6	
Corrosion By Soil (Y/N)	No		<u> </u>	1
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	No			

Cativer Component			Brio	dge Cul	lvert Barrel						
Fish Passage Adequacy	Culvert Component			Now	Explanation of Condition						
Baffle	(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Sp	an (mm): 1450	, Rise (mm): 1600, Type: SPE)						
Waterway Adequacy	Fish Passage Adequacy			7							
Waterway Adequacy	Baffle		Х	Х							
Icing (Y/N)	(Type:)										
Icing (Y/N)				7							
Siting (Y/N)		No									
Drift (Y/N)		No									
Barrel General Rating											
Culvert Component				7							
Direction	Downstream End										
End Treatment (Concrete, Steel, Others, None) Management Manageme	Culvert Component		Last	Now	Explanation of Condition						
Others, None) X X Headwall X X Collar X X Wingwalls X X (Shape:) Cutoff Wall X X Bevel End N 6 Heaving (mm) 0 Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection N 5 (Avg. Rock Size(mm):) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No No Structure Usarg Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 Drift (Y/N) No HWM not visible at this inspection. Channel Bottom Degrading/Aggrading No HWM not visible at this inspection. Beavers (Y/N) No HWM compensation Measure 1: NONE) (Fish Compensation Measure 2: NONE) HWM not visible at this inspection.	Direction	Direction			East invert.						
Collar X	End Treatment (Concrete, Steel, Others, None)	STEEL									
Wingwalls X X X (Shape:) Cutoff Wall X X X Bevel End N 6 Heaving (mm) 0 Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection (Type: NATURAL) (Avg. Rock Size(mm):) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1: NONE) (Fish Compensation Measure 2: NONE)	Headwall		X	X							
Cutoff Wall	Collar			X							
Cutoff Wall X X Bevel End N 6 Heaving (mm) 0 Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection N 5 (Type : NATURAL) (Avg. Rock Size(mm) :) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom NONE Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Wingwalls			X							
Bevel End N 6 Heaving (mm) 0 Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection N 5 (Type : NATURAL) (Avg. Rock Size(mm) :) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) Orift (Y/N) No HWM not visible at this inspection. Channel Bottom NONE Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	(Shape:)										
Heaving (mm) 0 Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection N 5 (Type : NATURAL) (Avg. Rock Size(mm) :) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No No Structure Usage Last Now Explanation of Condition Explanation of Condition To Protect				X							
Invert Above/Below Stream Bed BELOW Above/Below (mm) 300 Scour Protection N 5 (Type : NATURAL) (Avg. Rock Size(mm) :) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 HWM not visible at this inspection. Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Bevel End		N	6							
Above/Below (mm) 300 Scour Protection	Heaving (mm)	0									
Scour Protection N 5 (Type: NATURAL) (Avg. Rock Size(mm):) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 HWM not visible at this inspection. Channel Bottom NONE Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1: NONE) (Fish Compensation Measure 2: NONE)	Invert Above/Below Stream Bed	BELOW									
(Type : NATURAL) (Avg. Rock Size(mm) :) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert)	Above/Below (mm) 300										
(Avg. Rock Size(mm):) Scour/Erosion N 5 Shallow scour hole D/S. Beavers (Y/N) No Downstream End General Rating 4 5 Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 HWM (m below Top of Culvert) (HWM not visible at this inspection. Channel Bottom NONE Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1: NONE) (Fish Compensation Measure 2: NONE)	Scour Protection			5							
Scour/Erosion No Shallow scour hole D/S. Beavers (Y/N) No Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 Drift (Y/N) No HWM not visible at this inspection. (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	(Type : NATURAL)										
Beavers (Y/N) Downstream End General Rating Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 8 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 2 : NONE) Structure Usage Explanation of Condition (HWM .3m) 02/03/12 HWM not visible at this inspection.	(Avg. Rock Size(mm) :)										
Downstream End General Rating Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Scour/Erosion			5	Shallow scour hole D/S.						
Structure Usage Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 Drift (Y/N) No HWM not visible at this inspection. Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Beavers (Y/N)	No									
Last Now Explanation of Condition Channel (U/S and D/S) Alignment 7 7 8 Berms U/S and D/S to create ponds for livestock. HWM (m below Top of Culvert)	Downstream End General Ratio	ng	4	5							
Channel (U/S and D/S) Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert) (HWM .3m) 02/03/12 HWM not visible at this inspection. Channel Bottom NONE Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)			S	tructur	re Usage						
Alignment 7 7 Berms U/S and D/S to create ponds for livestock. Bank Stability 7 7 HWM (m below Top of Culvert)			Last	Now	Explanation of Condition						
Bank Stability 7 7 HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)				1							
HWM (m below Top of Culvert) Drift (Y/N) No Channel Bottom Degrading/Aggrading Beavers (Y/N) (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Alignment			7	Berms U/S and D/S to create ponds for livestock.						
Drift (Y/N) No HWM not visible at this inspection. Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Bank Stability			7							
Channel Bottom Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	HWM (m below Top of Culvert)				(HWM .3m) 02/03/12						
Degrading/Aggrading Beavers (Y/N) No (Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)	Drift (Y/N)	No			HWM not visible at this inspection.						
(Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)		NONE									
(Fish Compensation Measure 1 : NONE) (Fish Compensation Measure 2 : NONE)											
(Fish Compensation Measure 2 : NONE)											
	· ·										
				7							

			Maintena	nce Recommen	dations						
Inspector Recommendations	Year	Year Inspector Comments			Department Com	Target Year	Est. Cost	Cat #			
SHOTCRETE REPAIRS		·			·						
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTO)FF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/No. (%)	ow) 77.8/77	7.8	Sufficiency Rating (Last/Now) (%)		75.2/74.8 Es		. Repl. Yr	2040	Maint. Re	eqd. (Y/N)	No
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date				Estimated Tota	ıl O	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Tim Davies		Assistant's Name								
Next Inspection Date	19-Jun-2015		Inspection Date		11-Feb-2009						
Inspection Cycle (Default) (months)	39										
Comment											