Bridge File Number Year Built Bridge or Town Nam Located Over Located On Water Body Cl./Year Navigabil. Cl./Year Legal Land Location Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Sker AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barre 1 MAII 2 MAII 2 MAII 2 MAII 5 Special Features Special Features Cultility Attachments Telephone Power 3 w Others Remarks	1991 RANFU TRIBUT WATER 16:26 R SE SEC -111:38 Alberta CMA14 W 25 / 6,330 / RFD-41 3 rmation	TARY TO BIRC RCRS-ST 21 12.398;16:2 C 13 TWP 51 F 5:04, 53:23:46 Transportation	ert CH LAKE, 6.5 6 L1 12.399 RGE 12 W4M	.18.3 ) T	Type MP	Assistan Inspection Data En Reviewe Review Dept. Re Dept. Re Follow-L	or Name or Class nt Name nt Class ion Date ntry By ntry Date er Name Date eviewer eview Da		CULM 4 Owen Salava BR CLS A  18-Dec-2012 Marcia Chave 03-Jan-2013 John O'Brien 20-Dec-2012 Andrew Smikl 03-Jan-2013  Corr. Profile		Shape ROUND ROUND
Year Built Bridge or Town Nam Located Over  Located On Water Body Cl./Year Navigabil. Cl./Year Legal Land Location Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Sker AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barre  1 MAII 2 MAII 2 MAII 2 Special Features Special Features Coultility Attachments Telephone Power 3 w Others	1991 RANFU TRIBUT WATER 16:26 R SE SEC -111:38 Alberta CMA14 W 25 / 6,330 / RFD-41 3 rmation	PRLY FARY TO BIRG RCRS-ST R1 12.398;16:2 C 13 TWP 51 F E:04, 53:23:46 Transportation 2011 (A) 2.4-120	CH LAKE, 6.5 6 L1 12.399 RGE 12 W4M n (AIT) Rise (or Dia	).) T	Type MP MP	Lot No. Inspector Inspector Assistan Assistan Inspectic Data En Pata En Reviewe Reviewe Dept. Re Follow-L	or Name or Class int Name int Class ion Date intry By intry Date er Name Date eviewer eview Date up By  Length 69.4		4 Owen Salava BR CLS A  18-Dec-2012 Marcia Chave 03-Jan-2013 John O'Brien 20-Dec-2012 Andrew Smikl 03-Jan-2013	es PI./Slab	ROUND
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Located Over  Located On  Water Body CI./Year  Navigabil. CI./Year  Legal Land Location  Longitude, Latitude  Road Authority  Contract Main. Area  Clear Roadway/Sket  AADT/Year  Road Classification  Detour Length (km)  Bridge Culvert Info  Number of Culverts  Pipe # Barro  1 MAII  2 MAII  Special Features  Special Features  Special Features Co  Utility Attachments  Telephone  Power 3 w  Others	TRIBUT WATER 16:26 R SE SEC -111:38 Alberta CMA14 w 25 / 6,330 / RFD-41 3 rmation el	CARY TO BIRCACRS-ST 21 12.398;16:2 C 13 TWP 51 F 0:04, 53:23:46 Transportation 2011 (A) 2.4-120	RGE 12 W4M n (AIT) Rise (or Dia	).) T	Type MP MP	Inspector Assistan Assistan Inspection Data En Reviewe Review Dept. Re Follow-L	or Class Int Name Int Class Ion Date Intry By Intry Date Ior Name Date Ior eviewer Ior eviewer Ior By  Length Ior Class Ior Cl		BR CLS A  18-Dec-2012  Marcia Chave 03-Jan-2013  John O'Brien 20-Dec-2012  Andrew Smikl 03-Jan-2013	es PI./Slab	ROUND
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Legal Land Location Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Sket AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barre 1 MAII 2 MAII 2 MAII 2 Special Features Special Features Coultility Attachments Telephone Power 3 w Others	-111:38     Alberta     CMA14 w 25 /     6,330 /     RFD-41     3 rmation el	2011 (A) 2.4-120	Rise (or Dia	N	MP MP	Data En Data En Reviewe Review Dept. Re Follow-L	ntry By ntry Date er Name Date eviewer eview Da Up By  Length		Marcia Chave 03-Jan-2013 John O'Brien 20-Dec-2012 Andrew Smikl 03-Jan-2013	es PI./Slab	ROUND
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Road Authority Contract Main. Area Clear Roadway/Sket AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barro 1 MAII 2 MAII 2 MAII 2 Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	Alberta CMA14 w 25 / 6,330 / RFD-41 3 rmation el	2011 (A) 2.4-120	Rise (or Dia	N	MP MP	Reviewe Review Dept. Re Dept. Re Follow-L	er Name Date eviewer eview Da Up By  Length		John O'Brien 20-Dec-2012 Andrew Smikl 03-Jan-2013	PI./Slab	ROUND
Contract Main. Area Clear Roadway/Sket AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barro 1 MAII 2 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	CMA14 w 25 / 6,330 / RFD-41 3 rmation	2011 (A) 2.4-120	Rise (or Dia	N	MP MP	Review Dept. Re Dept. Re Follow-L	Date eviewer eview Da Up By  Length		20-Dec-2012 Andrew Smikl 03-Jan-2013	PI./Slab	ROUND
Clear Roadway/Sker AADT/Year Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barro 1 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	25 / 6,330 / RFD-41 3 rmation el	2011 (A) 2.4-120 2	1200	N	MP MP	Dept. Re Dept. Re Follow-L	eviewer eview Da Up By Length		Andrew Smikl 03-Jan-2013	PI./Slab	ROUND
Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barro 1 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	6,330 / RFD-41 3 rmation el	2.4-120	1200	N	MP MP	Dept. Re-Follow-L	eview Da Up By Length 69.4		03-Jan-2013	PI./Slab	ROUND
Road Classification Detour Length (km) Bridge Culvert Info Number of Culverts Pipe # Barro  1 MAII 2 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	RFD-41 3 rmation el	2.4-120	1200	N	MP MP	Follow-L	Up By Length 69.4				ROUND
Detour Length (km)  Bridge Culvert Info  Number of Culverts  Pipe # Barro  1 MAII 2 MAII Special Features Special Features Co  Utility Attachments Telephone Power 3 w Others	a rmation  el  N  nmment	2	1200	N	MP MP		Length		Corr. Profile		ROUND
Bridge Culvert Info Number of Culverts Pipe # Barro  1 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	rmation el N N omment		1200	N	MP MP	(	69.4		Corr. Profile		ROUND
Number of Culverts Pipe # Barro  1 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	el N N omment		1200	N	MP MP	(	69.4		Corr. Profile		ROUND
Pipe # Barro  1 MAII 2 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	N N omment		1200	N	MP MP	(	69.4		Corr. Profile		ROUND
1 MAII 2 MAII 2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	N N omment	Span	1200	N	MP MP	(	69.4		Corr. Profile		ROUND
2 MAII Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	mment	-		N	MP	(					
Special Features Special Features Co Utility Attachments Telephone Power 3 w Others	mment	-	1200				69.4				ROUND
Special Features Co  Utility Attachments  Telephone  Power 3 w  Others				Utilit	ties (L	_ocated a					
Special Features Co  Utility Attachments  Telephone  Power 3 w  Others				Utilit	ties (L	_ocated a					
Utility Attachments Telephone Power 3 w Others				Utilit	ties (L	_ocated a					
Telephone Power 3 w Others	ire o/h N r			Utili	ties (L	_ocated a					
Telephone Power 3 w Others	ire o/h N r						at)				
Power 3 w Others	ire o/h N r					1					
Others	ire o/h N r	- /la NI w/v.				Gas					
	·					Municipa					
Remarks						Problem	n (Y/N)	No			
						d / Embai		O !!			
			La	st	Now	Explana	ation of	Condi	tion		
Horizontal Alignmen	Į.				7	-					
Vertical Alignment		25 000			7						
Roadway Width (m)		25.000									
Embankment					7						
Sideslope (:1)		5.0									
(Height of Cover(n	n) : <b>2.5</b> )										
Guardrail (Y/N) No											
Approach Road / E	mbankme	nt General Ra	nting		7						
					Instre	am End					
Culvert Componen			La		Now		ation of	Condi	tion		
(Pipe # : <b>1, Span T</b> )		rv Span)				- жртана					
Direction	1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	<i>y =  /</i>	N			W pipe					
End Treatment (Con Others, None)	crete, Stee	el,	- 1			_ W pipo					
Headwall					Х						
Collar					X						
Wingwalls					X						
(Shape: )					^						

73067 -1 Bridge Culvert

			Upstre	am End							
Culvert Component		Last		Explanation of Condition							
(Pipe #: 1, Span Type: Primary	(Span)										
Cutoff Wall			Х								
Bevel End			N	Snow covered.							
Heaving (mm)											
Invert Above/Below Stream Bed											
Above/Below (mm)											
Scour Protection			N								
(Type : )											
(Avg. Rock Size(mm):)											
Scour/Erosion			N								
Beavers (Y/N)											
Upstream End General Rating			N								
Bridge Culvert Barrel											
Culvert Component		Last	Now	Explanation of Condition							
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN, Spa	n (mm	<b>)</b> :	, Rise (mm): 1200, Type: MP)							
Barrel Last Accessible Date				Openings snow covered; unable to enter.							
Special Features											
Special Feature											
(Type:)											
Special Feature											
(Type:)											
Roof			N								
Measured Rise (mm)											
Measured At Ring No.											
Sag (mm)											
Percent Sag											
Sidewall			N								
Measured Span (mm)											
Measured At Ring No.											
Deflection (mm)											
Percent Deflection			_								
Floor			N								
Bulge (mm)											
Measured At Ring No.											
Abrasion (Y/N)											
Circumferential Seams			N								
Separation (mm)											
Longitudinal Seams			X								
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			N								
Corrosion By Soil (Y/N)											
Corrosion By Water (Y/N)											

		Brid	dge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	ion Code: MAIN, Spa	n (mm	):	, Rise (mm): 1200, Type: MP)
Camber POS/ZERO/NEG				
Ponding (Y/N)				
Fish Passage Adequacy			Х	
Baffle			N	
(Type:)				
Waterway Adequacy			N	
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating			N	
		D		eam End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	Span)	ı		
Direction		S		
End Treatment (Concrete, Steel, Others, None)				
Headwall			X	
Collar			X	
Wingwalls			X	
(Shape: )			1	
Cutoff Wall			X	
Bevel End			N	Snow covered.
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)			1	
Scour Protection			N	
(Type:)				
(Avg. Rock Size(mm):)			1	
Scour/Erosion			N	
Beavers (Y/N)				
Downstream End General Ratin	ng		N	
				am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)	1		
Direction		N		E pipe
End Treatment (Concrete, Steel, Others, None)				
Headwall			X	
Collar			Х	
Wingwalls			X	
(Shape: )				
Cutoff Wall			X	

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 2, Span Type: Second	ary Span)			
Bevel End			N	Snow covered.
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection			N	
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion			N	
Beavers (Y/N)				
Upstream End General Rating			N	
		Brio	lge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	pan (n	nm):	, Rise (mm): 1200, Type: MP)
Barrel Last Accessible Date				Openings snow covered; unable to enter.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof			N	
Measured Rise (mm)			11	
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall			N	
Measured Span (mm)			11	
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor			N	
Bulge (mm)			IN	
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams			N	
Separation (mm)			11	
Longitudinal Seams			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			N	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				

		Brid	dge Cu	Ivert Barrel
Culvert Component		1		Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r		, Rise (mm): 1200, Type: MP)
Ponding (Y/N)				
Fish Passage Adequacy			Х	
Baffle			N	
(Type:)				
Waterway Adequacy			N	
Icing (Y/N)				
Silting (Y/N)				
Drift (Y/N)				
Barrel General Rating			N	
		D	ownstr	ream End
Culvert Component		1		Explanation of Condition
(Pipe # : 2, Span Type: Second	arv Span)	Luot	11011	Explanation of condition
Direction	ary opani	s		
End Treatment (Concrete, Steel, Others, None)				
Headwall			Х	
Collar			Х	
Wingwalls			Х	
(Shape: )				
Cutoff Wall			X	
Bevel End			N	Snow covered.
Heaving (mm)				
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection			N	
(Type:)				
(Avg. Rock Size(mm):)				
Scour/Erosion			N	
Beavers (Y/N)				
Downstream End General Ratio	ng		N	
		9	Structu	re Usage
			Now	Explanation of Condition
Channel (U/S and D/S)		Luci	111011	Z.planation of Containon
Alignment			6	
Bank Stability			N	
HWM (m below Top of Culvert)				HWM not visible.
Drift (Y/N)				1
Channel Bottom Degrading/Aggrading				Unknown
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating			6	

Bridge Inspection & Maintenance System (Web 2005)

73067 -1 Bridge Culvert

		Maintenance	e Recommen	dations					
Inspector Recommendations	Year	Inspector Comments		Department Com	ments		Target 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) /55.6	Sufficiency Rating (La	ast/Now)	/67.0	Est. Repl. Yr	2040	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		E	Estimated Tota	I 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name			Previous	Assistant's Name					
Next Inspection Date	18-Sep-2014		Previous	Inspection Date					
Inspection Cycle (Default) (months)	21								
Comment									