Bridge Field     Stand Bridge Culvert     Form Type     CLLM       Yaar Built     1989     Inspector Name     Tim Carey     Inspector Class     BR Carey       Single of Tww Name     FINN/EGAN     Inspector Class     BR CLS A     Inspector Class     BR CLS A       Located Or     66.04 C1 27.370     MATZAHIWIN KREEK     Assistant Name     Inspector Class     BR CLS A       Navigabil CJ/Veat     Inspector Class     BR CLS A     Inspector Class     BR CLS A       Longludo, Laitiud     112.06:30, 51.05:44     Data Entry By     Erin Roberts     Garry Roberts       Road Classification     NC S206 (A)     Tom Carey     Data Entry By     Brin Roberts     Garry Roberts       Road Classification     RC S200 (A)     Tom Carey     Data Entry By     Garry Roberts     Second       Road Classification     RC S200 (A)     Tom Carey     Data Entry By     Garry Roberts     Second       Class Road W/S Road Classification     RC V206 (A)     Tom Carey     Data Entry By     Garry Roberts     Second       Road Classification     RC V206 (A)     Tom Carey     Data Entry By     Garry Roberts     Second       Road Classification     RC V206 (A)     Tom Carey     Data Entry By     Garry Roberts     Second       Road Classification     RC V206 (A) <t< th=""><th colspan="11">Bridge Culvert Inspection</th></t<>	Bridge Culvert Inspection													
Yan Built         199         Lot No.         4           Bridge or Town Name         FINNE GAN         Imspector Name         Tom Carrey           Located Ovr         S.15.1, WATERCRS/ST         Assistant Name         BR CLS A           Assistant Name         662/04 C1 27:370         Assistant Name         OPERATION           Mare Body CLYaar         Name         OPERATION         OPERATION         OPERATION           Mare Body CLYaar         Name         OPERATION         OPERATION         OPERATION         OPERATION           Legal Land Location         RSEC 36 TWP 24 RGE 16 W4M         Data Entry Data         OPERATION         OPER					o o an re			CULM						
Bridge of Town Name         FINBEGAN         Inspector Name         Tom Carey         Inspector Class         BR CLS A           Located On         88:21 (WTTERCRS-ST 3151 (WTTERCRS-ST 100 (ST))         BR CLS A         Inspector Data Sestiant Name         BR CLS A           Located On         68:20 (C1 27.370         Assistant Name         09-Feb-2010         Impactor Data         09-Feb-2010           Longludo, Lattude         112.06:30, 51:06:44         Review Name         08-Mar-2010         Impactor Data           Contract Main, Area         CMA23         Dept. Review Data         24-Feb-2010         Impactor Data           Classification         RCU-209-110         Dept. Review Name         Corr. Profile         FLS Review Data         29-Review Name         Shape           Tidge Cubert Information         RCU-209-110         Tool (St)         Follow-Up By         Follow-Up By         Follow-Up By         Shape           Tidge Cubert Information         Corr. Profile         PL/Slab         Shape         Follow-Up By         Foll														
Lacated Over         TRIBUT ARY TO MATZHIWN CREEK, 31.51, WATERCRS.3T         Inspection Class         BR CLS A           Valare Body CL/Year         862.04 C1 27.370         Assistant Name         Assistant Name         Inspection Date         O9-Feb-2010         Image Class         <	Bridge or Town Name FINNEGAN													
Assistant Name         Assistant Name           Wate Body CL/Year         Assistant Class         Op-Feb-2010           Wate Body CL/Year         Empaction Data         Op-Feb-2010           Longitude         Class         Class <thclass< th="">         Class         Clas</thclass<>	<b>U</b>					· · ·								
Water Body CL/Year         Assistant Class         Inspection Date         09-Feb-2010           Navigab. CL/Year         Data Entry By         Erin Roberts         Inspection Date         09-Feb-2010           Longliude, Laitude         112:06:30, 51:05:44         Reviewer Name         Garry Roberts         Contract Main.           Road Authority         Alberta Transportation (AIT)         Reviewer Name         Carry Roberts         Contract Main.           Contract Main. Area         CMA23         Dept. Reviewer Name         Carry Roberts         Contract Main.           Contract Main. Area         CMA23         Dept. Reviewer Name         Corry Roberts         Reviewer Name         Corry Roberts           Clast Roadway/Skew         7.6 /         Dept. Reviewer Name         Corry Roview Date         09-Mar-2010           Adatority         Main         2         Follow-Up By         Follow-Up By         Follow-Up By           Prober of Culverts         2         Rise (or Dia.)         Type         Length         Corr, Profile         PL/Slab         Snape           Prober of Culverts         2         Rise (or Dia.)         Type         Length         Corr. Profile         PL/Slab         Snape           Prober of Culverts         2         Rosta         Length         Length			3.15.1,				· · · · · · · · · · · · · · · · · · ·							
Navigabil:         C. V.*Gar         Inspection         Out- Early         Out- Early         Out- Early         Out- Early         Out- Early         Control-Coll         Out- Coll	Located On		1 27.370			Assistant Class								
Legal Land Location         NE SEC 36 TWP 24 RGE 16 W4M         Data Entry Date         Data Entry Data										09-Feb-2010				
Longitude         Latitude         112:06:30, 61:05:44         Data         Data         Disk         Disk <thdisk< th="">         Disk         Disk         &lt;</thdisk<>	U							Data Ei						
Road Authority         Alberta Transportation (AIT)         Review Pate         Oath'r Model's           Contract Main. Area         OMA23         Review Pate         Oath'r Model's         Dept. Review Pate				36 TWP 24 RGE 16 W4M				Data Ei	Data Entry Date 08-Mar-2010					
Contract Main. Area Clear Roadway/Skev         CMA23         Dept. Review Date Dept. Review Date Date Date Date Date Date Date Date				6:30, 51:05:44				<b>i</b>		Garry Roberts				
Clear Roadway/Skew         7.6 /         Dept. Review Date         Dept	•		1	ta Transportation (AIT)						24-Feb-2010				
AADTYrear       110 / 2008 (A)       Dept. Noview Data       Dept. Noview				)				Dept. R						
Road Classification       RCU-208-110       Other Op By         Detout Length (km)       30       30         Stridge Culvent Information       2         Number of Culverts       2         Pipe #       Barrel       Span       Rise (or Dia.)       Type       Length       Corr. Profile       PL/Siab       Shape         1       MAIN       -       1200       MP       22       68X13       2.8       ROUND         2       MAIN       -       1200       MP       16       68X13       2.8       ROUND         2       MAIN       -       1200       MP       16       68X13       2.8       ROUND         2       MAIN       -       1200       MP       16       68X13       2.8       ROUND         2       Special Features       Special Features       Gas       Municipal       -		/Skew						Dept. R	eview Date	09-Mar-2010				
Detour Length (km)         30           Bridge Cuivert Information         Number of Cuiverts         2           Pipe #         Barrel         Span         Rise (or Dia.)         Type         Length         Corr. Profile         PL/Slab         Shape           1         MAIN         -         1200         MP         22         68X13         2.8         ROUND           2         MAIN         -         1200         MP         16         68X13         2.8         ROUND           Special Features         -         1200         MP         16         68X13         2.8         ROUND           Special Features         -         1200         MP         16         68X13         2.8         ROUND           Special Features         Corrers         -         1200         MP         16         68X13         2.8         ROUND           Others         Others         -         <								Follow-	Uр Ву					
Bariel or Culverts2Vamber of Culverts2Spanel <th< td=""><td></td><td></td><td></td><td>8-110</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>				8-110										
Number of Culvents2Pipe #BarrelSpanRise (or Dia.)TypeLengthCorr. ProfilePI/SlabThicknessShape1MAIN-1200MP2268X132.8ROUND2MAIN-1200MP1668X132.8ROUNDSpecial FeaturesSpecial FeaturesSpecial Features5Special Features2.8ROUNDSpecial FeaturesCorr. ProfileMain2.8ROUNDSpecial Features2.8ROUNDSpecial FeaturesCorr. ProfileSpecial FeaturesSpecial Featu			1											
Pipe # 1BarrelSpanRise (or Dia.) TipeTypeLengthCorr. ProfilePipe trainingShape1MAIN-1200MP2268X132.8ROUND2MAIN-1200MP1668X132.8ROUNDSpecial FeaturesSpecial Features <td></td>														
MAIN         Image: Constraint of the second s						);- )	<b>T</b>		Lancth			Chart		
2       MAIN       -       1200       MP       16       68X13       2.8       ROUND         Special Features       Specis Features       S	Pipe #	Barrel		Span	Rise (or D	via.)	Туре		Length	Corr. Profile		Shape		
Special Features       Utilities (Located at)         Others         Gas         Municipal         Others         Approach Road / Embankment         South         Approach Road / Embankment         Approach Road / Embankment General Rating         South         Approach Road / Embankment General Rating         South pipe 1200mm         Others (Primary Span)         Direction         Vest end South pipe         Colspan="2">Others, None)         Headwall         X         Collar         X <td>1</td> <td>MAIN</td> <td></td> <td>-</td> <td>1200</td> <td></td> <td>MP</td> <td></td> <td>22</td> <td>68X13</td> <td>2.8</td> <td>ROUND</td>	1	MAIN		-	1200		MP		22	68X13	2.8	ROUND		
Special Features Comment         Utilities (L-cated at)         Utilities (L-cated at)         Utilities (L-cated at)         Ower         Gas         Problem (Y/N)         Remarks       Waterline 20m South         Problem (Y/N)         Remarks       Waterline 20m South         Last       Now       Explanation of Condition         Horizontal Alignment       Last       Now       Explanation of Condition         Horizontal Alignment       Last       Now       Explanation of Condition         Horizontal Alignment       Last       Now         South Explanation of Condition         Horizontal Alignment       South South Pipe 600mm         Cover @ South pipe 600mm         South Cover (m) :)       South pipe 600mm         Goardrail (Y/N)       Last       Now       South pipe 600mm       Cover @ South pipe 600mm       Cover @ South pipe 1200mm         Colspan="2">Cover @ South	2	MAIN		-	1200		MP		16	68X13	2.8	ROUND		
Utilities (Located at)         Utilities (Located at)         Utilities (Located at)         Telephone         Power       Municipal         Others       Municipal         Others       Municipal         Others       Municipal         Others       Municipal         Others       Municipal         Power       Municipal         Others       Municipal         Power       Municipal         Municipal         Power       Municipal         Municipal     <	Special Feature	es												
Horizontal Alignment     5     Curves Crest to North       Vertical Alignment     5     Curves Crest to North       Roadway Width (m)     7.600     Image: South	Utility Attachme Telephone Power Others Remarks		line 20m South					Gas Municip Probler	Gas Municipal Problem (Y/N)					
Vertical Alignment       5       Crest to North         Roadway Width (m)       7.600       Image: Constraint of Constraint of Constraint of Constraint of Constraint of Cover @ South pipe 600mm Cover @ South pipe 1200mm         Embankment       N       Snow Cover @ South pipe 600mm Cover @ North pipe 1200mm         Guardrail (Y/N)       Image: Cover @ South pipe 1200mm         Approach Road / Embankment General Rating       5         Culvert Component       Last       Now         Embankment (Concrete, Steel, Others, None)       STEEL       Image: Cover @ South pipe         Direction       STEEL       Image: Cover @ South pipe         Headwall       X       X         Collar       X       X					I	Last	Now	· ·						
Vertical Alignment         5           Roadway Width (m)         7.600         N           Embankment         N         Snow           Sideslope (_:1)         Image: Sideslope (Cover @ South pipe 600mm           (Height of Cover (m) : )         Image: Sideslope (Cover @ North pipe 1200mm           Guardrail (Y/N)         Image: Sideslope (Cover @ South pipe 600mm           Approach Road / Embankment General Rating         Image: Sideslope (Cover @ South pipe 1200mm           Culvert Component         Last         Now           End Treatment (Concrete, Steel, STEEL         STEEL         West end South pipe           Image: Steel Cover (Steel (Concrete, Steel), STEEL         Image: Steel (Cover (C							5							
Embankment     N     Snow Cover @ South pipe 600mm Cover @ North pipe 1200mm       Guardrail (Y/N)     Image: Comparison of Condition       Approach Road / Embankment General Rating     5       Culvert Component     Last     Now       Explanation of Condition     Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)     Image: Comparison of Condition       Direction     Image: Comparison of Condition       End Treatment (Concrete, Steel, STEEL     STEEL       Others, None)     Image: Comparison of Condition       Headwall     Image: Comparison of Condition       K     Image: Comparison of Condition	Ŭ						5	Clest						
Sideslope (:1)       Cover @ South pipe 600mm         (Height of Cover (m) : )       Cover @ North pipe 1200mm         Guardrail (Y/N)       5         Approach Road / Embankment General Rating       5         Culvert Component       Last       Now         Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)         Direction       STEEL       West end South pipe         End Treatment (Concrete, Steel, STEEL       STEEL       X         Headwall       X       X	Roadway Width	ר (m)		7.600										
Sidestope ()       Cover @ North pipe 1200mm         Guardrail (Y/N)       Cover @ North pipe 1200mm         Approach Road / Embankment General Rating       5         Culvert Component       Last       Now       Explanation of Condition         (Pipe # : 1, Span Type: Primary Span)       Vest end South pipe         Direction       STEEL       X         End Treatment (Concrete, Steel, Others, None)       STEEL       X         Headwall       X       X	Embankment						N							
(Height of Cover (m) : )Guardrail (Y/N) $I$ $I$ Approach Road / Embankment General Rating $5$ Upstream EndCulvert ComponentLastNowExplanation of Condition(Pipe # : 1, Span Type: Primary Span)User tendWest end South pipeDirectionSTEEL $X$ Vest end South pipeEnd Treatment (Concrete, Steel, Others, None)STEEL $X$ Headwall $X$ X	Sideslope (	_:1)						Cover @ South pipe 600mm Cover @ North pipe 1200mm						
Approach Road / Embankment General Rating     5       Upstream End       Culvert Component     Last     Now     Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)     Explanation of Condition     Mode     Mode       Direction     STEEL     Vest end South pipe       End Treatment (Concrete, Steel, STEEL     STEEL     X       Headwall     X     X	(Height of Co	ver (m)	:)							12001111				
Upstream End       Culvert Component     Last     Now     Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)     Upstream End     West end South pipe       Direction     STEEL     West end South pipe       End Treatment (Concrete, Steel, STEEL     STEEL     Vest end South pipe       Headwall     X     X	Guardrail (Y/N)													
Culvert Component     Last     Now     Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)     Image: Span Span Span Span Span Span Span Span	Approach Roa	id / Eml	bankmer	nt General Rat	ing		5							
Culvert Component     Last     Now     Explanation of Condition       (Pipe # : 1, Span Type: Primary Span)     Image: Span Span Span Span Span Span Span Span							Upstre	am End						
(Pipe # : 1, Span Type: Primary Span)       West end South pipe         Direction       West end South pipe         End Treatment (Concrete, Steel, STEEL       X         Others, None)       X         Headwall       X         Collar       X	Culvert Compo	onent						1	ation of Cor	dition				
Direction Image: Steel and			e: Prima	ry Span)										
End Treatment (Concrete, Steel, STEEL   Others, None)   Headwall   Collar     X	Direction							West e	nd South pip	9				
Collar X	End Treatment (Concrete, Steel, STEEL Others, None)													
	Headwall						Х							
Wingwalls X	Collar						X							
	Wingwalls						Х							
(Shape : )	(Shape: )													

				am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Span Type: Primary	/ Span)		_	
Cutoff Wall			X	
Bevel End			6	
Heaving (mm)				
Invert Above/Below Stream Bed				Snow
Above/Below (mm)				
Scour Protection			N	Snow
(Туре : )				
(Avg. Rock Size (mm) : )				
Scour/Erosion			N	
Beavers (Y/N)			_	
Upstream End General Rating			N	
		Brid	dae Cu	lvert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: MAIN. Spa			
Barrel Last Accessible Date	09-Feb-2010		<u>, , , , , , , , , , , , , , , , , , , </u>	South pipe
Special Features				
Special Feature				
(Type : )				
Special Feature				
(Туре : )				
Roof			8	300mm of ice
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall			8	
Measured Span (mm)	1220			
Measured At Ring No.	1			
Deflection (mm)	20			
Percent Deflection	1			
Floor			N	Ice
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams			8	
Separation (mm)	25			
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			8	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

75578 -1 Bridge Culvert

		Brid	dae Cu	Ivert Barrel
Culvert Component				Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN			
Camber POS/ZERO/NEG	NEG			
Ponding (Y/N)				
Fish Passage Adequacy			X	
Baffle			X	
(Type : )				
Waterway Adequacy			7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating	1.12		8	
		D	ownstr	ream End
Culvert Component		Last		Explanation of Condition
(Pipe # : 1, Span Type: Primary	y Span)			
Direction				East end South pipe
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall			X	
Collar			Х	
Wingwalls			X	
(Shape : )			~	
Cutoff Wall			X	
Bevel End			8	
Heaving (mm)				
Invert Above/Below Stream Bed				Snow
Above/Below (mm)				
Scour Protection			N	Snow
(Type : )				
(Avg. Rock Size (mm) : )				
Scour/Erosion			N	
Beavers (Y/N)				
Downstream End General Rati	ng		N	
			U <u>pstre</u>	am End
Culvert Component		Last		Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Direction				West end North pipe
End Treatment (Concrete, Steel, Others, None)				
Headwall			X	
Collar			Х	
Wingwalls			Х	
(Shape : )				
Cutoff Wall			X	

Alberta Transportation

				eam End				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 2, Span Type: Second	ary Span)							
Bevel End			N					
Heaving (mm)								
Invert Above/Below Stream Bed								
Above/Below (mm)								
Scour Protection			N	Ice up to crown				
(Туре:)				Crown is @ elevation of invest of South pipe				
(Avg. Rock Size (mm) : )								
Scour/Erosion			N					
Beavers (Y/N)								
Upstream End General Rating			N					
		Bri	dge Cu	Ivert Barrel				
Culvert Component		Last	Now	Explanation of Condition				
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (I	mm): -	, Rise (mm): 1200, Type: MP)				
Barrel Last Accessible Date				North pipe				
Special Features			1					
Special Feature				Ice to roof @ West end and snowed in @ East end				
(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	1		N					
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								

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

		Brie	dae Cu	Ivert Barrel
Culvert Component		Last		Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN,			
Ponding (Y/N)	No			
Fish Passage Adequacy			X	
Baffle			X	
(Type:)				
Waterway Adequacy			N	
Icing (Y/N)	No			-
Silting (Y/N)	No			-
Drift (Y/N)	No			
Barrel General Rating			N	
		D		ream End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	ary Span)			
Direction				East end North pipe
End Treatment (Concrete, Steel, Others, None)				
Headwall			Х	
Collar			X	
Wingwalls			X	
(Shape : )		_		
Cutoff Wall			X	
			<u> </u>	
Bevel End			N	
Heaving (mm)				
Invert Above/Below Stream Bed				-
Above/Below (mm)				
Scour Protection			N	Snowed in
(Туре : )				-
(Avg. Rock Size (mm) : )		1		
Scour/Erosion			N	
Beavers (Y/N)				
Downstream End General Ratir	ng		N	
			Structu	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)				
Alignment			7	
Bank Stability			N	Snow
HWM (m below Top of Culvert)				No visible HWM
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading				
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :				
(Fish Compensation Measure 2 :	· · · · · · · · · · · · · · · · · · ·			1
Channel General Rating	,		7	

		Maintenance Recommen	dations					
Inspector Recommendations	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/CUTOF	F							
REPAIR SEAMS								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/Now (%)	v) /88.9	Sufficiency Rating (Last/Now) (%)	/78.7	Est. Repl. Yr 2045		Maint. Reqd. (Y/N)		No
Special Comments for Next Inspection			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		Previous	s Assistant's Name					
Next Inspection Date 0	9-May-2013	Previous	s Inspection Date					
Inspection Cycle (Default) (months) 3	9							
Comment								