	1994	Bridge Culve	rt			Form T							
Year Built Bridge or Town N Located Over Located On Water Body CI./Ye	1994	0					ype		CUL1				
Located Over Located On Water Body Cl./Ye	ame TOMAH								4				
Located Over Located On Water Body Cl./Ye		ТОМАНАЖК				Inspect	Inspector Name		Kris Bosters				
Water Body CI./Ye	Over TRIBUTARY TO SHOAL LAKE				K,			BR CLS A					
Water Body CI./Ye		WATERCRS-	ST			Assistant Name		Brian Cote					
		627:02 C1 6.658				Assistant Class							
AL 1 11 01 01 07	ater Body Cl./Year					Inspection Date		25-Oct-2012					
Navigabil. Cl./Yea						Data E	ata Entry By Theresa Lac						
Legal Land Locati						Data Entry Date		06-Nov-2012					
Longitude, Latitud						Reviewer Name		Eric Carcoux					
Road Authority						Review Date		04-Nov-2012					
Contract Main. Ar				Dept. F			Reviewer	Name	Brent Herrick				
Clear Roadway/S		deg. (RHF)			Dept. Review			ate	13-Nov-2012				
AADT/Year	1,430 / 2	. ,		F		Follow-	Follow-Up By						
Road Classification		9-110				-							
Detour Length (kn	, ,												
Bridge Culvert In													
Number of Culver			D: (0 0 "				
Pipe # Ba	arrel	Span	Rise (or	Dia.)	Туре		Length		Corr. Profile	PI./Slab Thickness	Shape		
1 M	AIN -		2120		SP		118.3		152X51	4.0	ROUND		
Special Features													
Special Features	Comment			Uti	ilities (L	ocated	at)						
Utility Attachment	s												
Telephone S	S r/w	Gas 100 M West											
Power 1	wire N r/w, 1	e N r/w, 1 wire S r/w.				Municip	nicipal						
Others						Problem (Y/N) No							
Remarks													
			Ap	oproa	ch Road		ankment						
					Now	Explanation of Condition							
Horizontal Alignment			7	7	Intersection 100m West. Long gradual grade with crest curve in								
Vertical Alignmen	Vertical Alignment			6	6	both directions limited sight distance.							
Roadway Width (m) 9.900													
Embankment		1		5	5	SW ditch cattle walking			thru causing d	amage to gras	s S. ditch- stable		
Sideslope (:1)	3.0				@ present.							
(Height of Cove	r(m) : 14)												
Guardrail (Y/N)		No											
Approach Road	/ Embankmen	t General Rat	ting	6	6								
Culvert Com	ant					am End	otion of	Condition	len				
Culvert Compone Direction	ent			Last N	Now	Explan	ation of	Condit	lion				
End Treatment (C	oncrete, Steel	STEEL											
Headwall	Others, None) Headwall			Х	X								
Collar			Х	Х									
Wingwalls				Х	X								
(Shape :)													
Cutoff Wall			Х	Х									

Alberta Transportation

Upstream End									
Culvert Component		Last	Now	Explanation of Condition					
Bevel End		7	7						
Heaving (mm)	250								
Invert Above/Below Stream Bed	BELOW			_					
Above/Below (mm)	300		1						
Scour Protection			5	Sandstone rock beginning to deteriorate - settlement of fill beside					
(Type : RIP RAP)				bevel 0.5m.					
(Avg. Rock Size(mm) : 400)									
Scour/Erosion			5						
Beavers (Y/N)	No								
Upstream End General Rating			5						
		Bric	lge Cu	lvert Barrel					
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm):	, Rise (mm): 2120, Type: SP)					
Barrel Last Accessible Date	25-Oct-2012								
Special Features									
Special Feature									
(Type:)									
Special Feature									
(Туре :)									
Roof		5	4	Plates appear to be over bumped causes cusping @ long seams.					
Measured Rise (mm)	1960			2 missing bolts in roof long seam and circ. seam.					
Measured At Ring No.	23			Some reverse curvature in this area. R10 from d/sphoto					
Sag (mm)	160								
Percent Sag	8								
Sidewall		5	5						
Measured Span (mm)	2240								
Measured At Ring No.	23								
Deflection (mm)	120								
Percent Deflection	6								
Floor	0	7	7						
Bulge (mm)	0	, '	,	-					
Measured At Ring No.				-					
Abrasion (Y/N)	No			1					
Circumferential Seams		5	4						
Separation (mm)	0	5							
Longitudinal Seams	V	5	4	2 holts not put in an ana saam has caused some reverse surveture					
Total No. of Cracked Rings	0	5	4	2 bolts not put in on one seam has caused some reverse curvature.					
Total No. of Rings with Two Cracked Seams									
Min. Remaining Steel Between Cracks (mm)				1N Stagger					
Proper Lap (Y/N)	Yes			-					
Longitudinal Stagger (Y/N)	Yes								
	1 63	6	6	Minor superficial rust on floor					
Coating	No	6	6	Minor superficial rust on floor.					
Corrosion By Soil (Y/N)	No			-					
Corrosion By Water (Y/N)	Yes								
Camber POS/ZERO/NEG	ZERO								
Ponding (Y/N)	No								

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel									
Culvert Component		Last	Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Location Code: MAIN, Spa):	, Rise (mm): 2120, Type: SP)					
Fish Passage Adequacy			5						
Baffle			Х						
(Type :)									
Waterway Adequacy			7						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		5	4						
Output Ocean and				eam End					
Culvert Component		Last	Now	Explanation of Condition					
	OTEEL	S							
End Treatment (Concrete, Steel, Others, None)	STEEL								
Headwall		X	X						
Collar		Х	X						
Wingwalls		Х	Х						
(Shape :)									
Cutoff Wall			X						
Bevel End	Bevel End		7						
Heaving (mm)	0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm) 300									
Scour Protection		5	5	Sandstone beginning to deteriorate.					
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 400)									
Scour/Erosion		7	7						
Beavers (Y/N)	No								
Downstream End General Ratio	ng	5	5						
		S	tructu	re Usage					
			Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		7	7						
-									
Bank Stability		7	7						
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N)	No								
Channel Bottom Degrading/Aggrading	Channel Bottom								
Beavers (Y/N)	Yes								
· · · · · · · · · · · · · · · · · · ·	(Fish Compensation Measure 1 : NONE)								
(Fish Compensation Measure 2 :	· · · · · · · · · · · · · · · · · · ·								
Channel General Rating			7						

Maintenance Recommendations											
Inspector Recommendations		ar 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/CUTOFF											
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION										_	
OTHER ACTION											
Structural Condition Rating (Last/No (%)	ow) 55.6/4	44.4	Sufficiency Rating (Last/I (%)	/Now) 59.2/53.7		Est. Repl. Yr	2038 Maint.		qd. (Y/N)	No	
Special Comments for Next Inspection					Department Comments						
Maintenance Reviewed By					Date		Estimated Total 0				
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Arnold Asser	Id Assenheimer Previous			Assistant's Name						
Next Inspection Date 25-Ja		5-Jan-2016 Previo			Inspection Date 08-Jul-2009						
Inspection Cycle (Default) (months) 39											
Comment											