			В	rida	e Culve	ert Inspe	ection						
ber									CUL1				
	1994								1				
Vame	ТОМАНА	\WK				Inspector Name			Kris Bosters				
			TERCRS-N	11									
						Assistant Name							
/ear						Assista	nt Class						
ar						Inspection Date			25-Oct-2012				
tion	SE SEC	5 TWP 52 RG	E 5 W5M			Data Entry By			Theresa Lacusta				
de	-114:41:3	32, 53:27:15				Data Entry Date 06-Nov-2012							
						Reviewer Name			Eric Carcoux				
ontract Main. Area CMA12						Review	Date		04-Nov-2012				
						Dept. R	eviewer	Name	Brent Herrick				
	1,430 / 20	011 (A)				Dept. Review Date		13-Nov-2012					
ion	RCU-209	-110				Follow-Up By							
(m)	38												
nform	ation												
erts	1												
Barrel	S	ipan	Rise (or Di	or Dia.) Type			Length		Corr. Profile	PI./Slab Thickness	Shape		
IAIN	-		1600		MP		28.3		125X26	2.8	ROUND		
6													
Gomn	nent												
				Uti	lities (L	ocated	at)						
						0							
south	r/w. 1 wire												
							n (Y/N)	NO					
			A 10 10		h Deer	l / Embo	n km o n t						
									tion				
Horizontal Alignment													
Vertical Alignment										<i>.</i>			
Roadway Width (m) 9.700					0								
ibankment				7	7								
1)		3.0											
	2.3)												
)	No											
/ Emb	ankment	General Rat	ing	8	8								
					Upstre	am End							
nponent					Now	Explanation of Condition							
Direction			N	N		600mm water to crown							
Concre	ete, Steel,	STEEL											
				Х	X								
Collar				Х	Х								
				Х	X								
				Х									
	Name Yame Yame <t< td=""><td>1994 Name TOMAHA WATERO 627:02 C rear 627:02 C rear 1 aar SE SEC ide -114:41:3 aar CMA12 steen 8 / area CMA12 Skew 8 / area 1,430 / 20 sion RCU-209 ampoint 38 Information 1 erts 1 Sarrel S AAIN - s Comment assouth r/w. south r/w. south r/w. 1 wir for a south r/w. south r/w. south r/w. 1 wir for a south r/w. 1 w</td><td>1994 Name TOMAHAWK WATERCOURSE, WA 627:02 C1 3.078 rear - aar - aar - aar - aar - aar - Alberta Transportation area CMA12 Skew 8 / 1,430 / 2011 (A) aion RCU-209-110 amini 38 Span MAIN - as 1 South r/w. Span MAIN - s South r/w. south r/w. 1 south r/w. 1 south r/w. 1 anent - nt 9.700 1) 3.0 er(m) : 2.3) No</td><td>ber 85119 - 1 Bridge Culvert 1994 1994 TOMAHAWK 1994 WATERCOURSE, WATERCRS-N 627:02 C1 3.078 627:02 C1 3.078 rear 627:02 C1 3.078 5000000000000000000000000000000000000</td><td>ber 85119 - 1 Bridge Culvert 1994 Name TOMAHAWK WATERCOURSE, WATERCRS-NI 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 72) (fear 72)</td><td>ber 85119 - I Bridge Culvert 1994 Name TOMAHAWK WATERCOURSE, WATERCRS-NI 627:02 C1 3.078 Year aar fear fear aar SE SEC 5 TWP 52 RGE 5 W5M de -114:41:32, 53:27:15 Alberta Transportation (AIT) Alberta Tra</td><td>ber 85119 - 1 Bridge Culvert Form T 1994 TOMAHAWK 1994 TOMAHAWK NATERCOURSE, WATERCRS-NI 627:02 C 1 3.078 Assista fear 627:02 C C C C C C C C C C C C C C C C C C C</td><td>1994 Lot No. Name TOMAHAWK Inspector Name WATERCOURSE, WATERCRS-NI Inspector Class 627:02 C1 3.078 Assistant Name 627:02 C1 3.078 Assistant Class inspection Date Assistant Class inspection Date Inspection Date ition SE SEC 5 TWP 52 RGE 5 W5M Data Entry By ide 114:41:32, 53:27:15 Data Entry Date Alberta Transportation (AIT) Reviewer Name Reviewer Name information RCU-209-110 Pept. Reviewer Name information Follow-Up By Pept. Reviewer Date information Span Rise (or Dia.) Type Length Alan 1600 MP 28.3 3 is comment Span Rise (or Dia.) Type Length MAIN - 1600 MP 28.3 is comment Span Rise (or Dia.) Type Length Main / Pw Monicipal Pw Pwoblem (Y/N) Pwoblem (Y/N) South r/w. Swath r/w. Swath r/w. Swath r/w. Swath r/w.</td><td>ber 85119 - 1 Bridge Culvert U Form Type U to No. 1994 U U TOMAHAWK I Inspector Name Inspector Class Assistant Name C27:02 C1 3:078 Assistant Class Inspector Date Inspec</td><td>berr 85119 -1 Bridge Culvert Form Type CUL1 1994 Lot No. 1 1994 Kris Bosters Kris Bosters Review Rame Kris Bosters 627:02 C1 3.078 VATERCRS-NI Inspector Class Brian Cole 627:02 C1 3.078 Assistant Name Brian Cole Brian Cole 627:02 C1 3.078 V Assistant Class Brian Cole 644 Tansportation (AIT) Assistant Class Brian Cole Aberta Transportation (AIT) V Review Name Eric Carcoux CMA12 CMA12 Eric Review Name Eric Carcoux Skew Aberta Transportation (AIT) Popt. 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Span MAIN - s South r/w. south r/w. 1 south r/w. 1 south r/w. 1 anent - nt 9.700 1) 3.0 er(m) : 2.3) No	ber 85119 - 1 Bridge Culvert 1994 1994 TOMAHAWK 1994 WATERCOURSE, WATERCRS-N 627:02 C1 3.078 627:02 C1 3.078 rear 627:02 C1 3.078 5000000000000000000000000000000000000	ber 85119 - 1 Bridge Culvert 1994 Name TOMAHAWK WATERCOURSE, WATERCRS-NI 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 627:02 ⊂ 1 3.078 (fear 72) (fear 72)	ber 85119 - I Bridge Culvert 1994 Name TOMAHAWK WATERCOURSE, WATERCRS-NI 627:02 C1 3.078 Year aar fear fear aar SE SEC 5 TWP 52 RGE 5 W5M de -114:41:32, 53:27:15 Alberta Transportation (AIT) Alberta Tra	ber 85119 - 1 Bridge Culvert Form T 1994 TOMAHAWK 1994 TOMAHAWK NATERCOURSE, WATERCRS-NI 627:02 C 1 3.078 Assista fear 627:02 C C C C C C C C C C C C C C C C C C C	1994 Lot No. Name TOMAHAWK Inspector Name WATERCOURSE, WATERCRS-NI Inspector Class 627:02 C1 3.078 Assistant Name 627:02 C1 3.078 Assistant Class inspection Date Assistant Class inspection Date Inspection Date ition SE SEC 5 TWP 52 RGE 5 W5M Data Entry By ide 114:41:32, 53:27:15 Data Entry Date Alberta Transportation (AIT) Reviewer Name Reviewer Name information RCU-209-110 Pept. 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Alberta Transportation

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End		5	N	
Heaving (mm)	100			
Invert Above/Below Stream Bed				
Above/Below (mm)				
Scour Protection	1	7	N	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		7	N	
Beavers (Y/N)	Yes			
Upstream End General Rating		5	5	GR carried forward from 08-Jul-2009
		Bri	dge Cu	lvert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm	ı):	, Rise (mm): 1600, Type: MP)
Barrel Last Accessible Date				
Special Features			_	
Special Feature				Water too deep to access.
(Type:)				Viewed from end, shape & condition look ok.
Special Feature				
(Type :)				
Roof		7	N	
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		7	N	
Measured Span (mm)				
Measured At Ring No.				-
Deflection (mm)		_		-
Percent Deflection				-
		N	N	
Floor		N	N	
Bulge (mm)				-
Measured At Ring No.				-
Abrasion (Y/N)				
Circumferential Seams	1	N	N	
Separation (mm)				
Longitudinal Seams	1	N	N	-
Total No. of Cracked Rings				-
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				1
Longitudinal Stagger (Y/N)				1
Coating		4	N	scalling & pitting rust on lower 2/3 of pipe as seen from ends and
Corrosion By Soil (Y/N)			. •	bevel08-Jul-2009
Corrosion By Water (Y/N)	Yes			1
Camber POS/ZERO/NEG	ZERO			
Ponding (Y/N)	Yes			1.3m

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

85119 -1 Bridge Culvert

Bridge Culvert Barrel									
Culvert Component			Now	Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	an (mm):		, Rise (mm): 1600, Type: MP)					
Fish Passage Adequacy			6						
Baffle		X	X						
(Туре :)									
Waterway Adequacy		5	5						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		N	N	(GR 5-30Mar2006)					
		∎ Last		ream End					
	Culvert Component		Now	Explanation of Condition					
Direction	OTEEL	S		Water 0.3m from crown					
Others, None)	End Treatment (Concrete, Steel, STEEL Others, None)								
Headwall			X						
Collar			Х						
Wingwalls		Х	Х						
(Shape:)									
Cutoff Wall			X						
Bevel End		5	N						
Heaving (mm) 50									
Invert Above/Below Stream Bed	Invert Above/Below Stream Bed								
Above/Below (mm)									
Scour Protection		7	N						
(Type : RIP RAP)									
(Avg. Rock Size(mm) : 250)									
Scour/Erosion		7	N						
Beavers (Y/N)	No								
Downstream End General Rating		5	5	GR carried forward from 08-Jul-2009					
		S	Structu	re Usage					
		Last	Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment			7						
Bank Stability			7						
HWM (m below Top of Culvert)				Not visible					
Drift (Y/N)	Drift (Y/N) No								
Channel Bottom Degrading/Aggrading									
Beavers (Y/N)	Yes								
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating			7						

Maintenance Recommendations											
Inspector Recommendations		Year	Inspecto	or Comments		Department Comr	Target Year	Est. Cost	Cat #		
SHOTCRETE REPAIRS											
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL CONCRETE/STEEL LINING											
INSTALL STRUTS											
INSTALL CONCRETE COLLAR/CUTC	DFF										
REPAIR SEAMS											
OTHER ACTION		2012	Deater a	ind inspect. (Level II inspect	ion)						
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		55.6/55.	6	Sufficiency Rating (Last/ (%)	Now)	52.3/52.3	Est. Repl. Yr	2026	Maint. Red	qd. (Y/N)	Yes
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 Arnold Assenheimer F				Previous	Assistant's Name						
Next Inspection Date 25-		25-Jan-2016				Previous Inspection Date 08-Jul-2009					
Inspection Cycle (Default) (months)	39										
Comment											