79698 -1 Brid 1982 SEEBE	dge Culver							CUL1				
1982					Form Type			001				
SEEBE								4				
	SEEBE					Inspector Name Garry Roberts						
STONY CK, 2.13.56.1.1, WATERCRS-ST					Inspector Class			BR CLS A				
68:04 C1 3.6		,			Assistant Name							
					Assista	nt Class						
					Inspection Date			28-Aug-2012				
SE SEC 13 T	WP 24 R0	GE 8 W5M										
-114:59:16. 5	51:02:27											
		(AIT)			Reviewer Name			•				
					Review Date			· · · · · · · · · · · · · · · · · · ·				
	(RHF)											
· · · · · ·												
1												
1												
Span		Rise (or D	ia.)	Туре		Length		Corr. Profile	Pl./Slab Thickness	Shape		
2317		2561		SPE		117.7		152X51	4.0	ELLIPSE		
ment												
			Uti	lities (L	ocated	at)						
					Problem (Y/N) No							
Visible.												
				1			Condia	len				
Herizentel Alignment				1								
Horizontal Alignment Vertical Alignment					East.							
10	000		5	5								
12.000												
	<u></u>		6	6								
	<u> </u>											
Ye	S											
bankment Ge	neral Rati	ng	5	5								
				Upstre	am End							
		L		Now	1	ation of	Condit	ion				
		5	S		South.							
ete, Steel, CC	DNCRETE											
			7	7								
Collar			7	7								
			Х	X								
(Shape :) Cutoff Wall			Ν	N	Buried.							
	-114:59:16, 5 Alberta Trans CMA28 12 / 66 deg. (310 / 2011 (/ RAU-211.8-1 16 12 2317 ment 2317 ment 2317 ment 2317 12 2317 12 23 2317 12 23 23 23 23 23 23 23 23 23 23 23 23 23	-114:59:16, 51:02:27 Alberta Transportation CMA28 12 / 66 deg. (RHF) 310 / 2011 (A) RAU-211.8-110 16 Tation 2317 ment Visible. Visible. Visible. 2.2 2.2 2) Yes bankment General Rati	-114:59:16, 51:02:27 Alberta Transportation (AIT) CMA28 12 / 66 deg. (RHF) 310 / 2011 (A) RAU-211.8-110 16 nation 2317 2561 a 2317 2561 ment Visible. Visible. Visible. Visible. 12.000 12.0	Alberta Transportation (AIT) CMA28 12 / 66 deg. (RHF) 310 / 2011 (A) RAU-211.8-110 16 nation 2317 2317 2317 2317 2561 ment Visible. Uti Visible. Item visible. Visible. Item visible. Visible. Item visible.	$ \begin{array}{c c c c c c } -114:59:16, 51:02:27 \\ Alberta Transportation (AIT) \\ CMA28 \\ 12 / 66 deg. (RHF) \\ 310 / 2011 (A) \\ RAU-211.8-110 \\ 16 \\ \hline RAU-211.8-110 \\ 16 \\ \hline NAU-211.8-110 \\ 16 \\ \hline Span Rise (or Dia.) Type \\ 2317 2561 SPE \\ 2317 2561 SPE \\ \hline Now Content Sector $	Set SEC 13 TWP 24 RGE 8 W5MData Er-114:59:16, 51:02:27Data ErAlberta Transportation (AIT)ReviewCMA28Review12 / 66 deg. (RHF)Dept. R310 / 2011 (A)Dept. RRAU-211.8-110Dept. R16SpanRise (or Dia.)17Z317Z5612317Z561SPE2317Z561SPEUtilities (LocatedMunicip ProblemProblemVisible.I SSS <td col<="" td=""><td>Data Entry By Data Entry Date-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Review r NameCMA28Review Date12 / 66 deg. (RHF)Dept. Review Date310 / 2011 (A)Dept. Review DateRAU-211.8-110Dept. Review Date16SpanRise (or Dia.)Type23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEMunicipalamentSpanRise (or Dia.)Type23172561SPEIntr.23172561SPEMunicipalpromentSpanRise (or Dia.)Type23172561SPEMunicipalpromentStation of Intr.South curves - not seat.10Intr.SSSouthIntr.SSouthIntr.South.11Intr.SS11Intr.SS11Intr.SS11Intr.SS11Intr.SS12.000Intr.S12.000Intr.S12.000Intr.S12.000Intr.S12.001Intr.S13.01Intr.S14.01Intr.S15.01Intr.S15.01</td><td>SE SEC 13 TWP 24 RGE 8 W5MData Entry By-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Reviewer NameCMA28Reviewer Name12 / 66 deg. (RHF)Dept. Reviewer Name310 / 2011 (A)Dept. Reviewer NameRAU-211.8-110Dept. Reviewer Name16Follow-Up By16SpanRise (or Dia.)1723172561SPE23172561SPE23172561SPE23172561SPE1117.7MinicipalmentNowNowEquationTUTILIES (Located at)Interviewer ValueSpanRise (or Dia.)TypeGasMainicipalNowSpanRise (or Dia.)TypeGasMainicipalProblem (Y/N)NoVisibleExplanation of ConditSouth curves - reducedExplanation of ConditSouth curves - reducedExplanation of ConditSouthLastNowExplanation of ConditSouthSouthExplanation of ConditS<td colsp<="" td=""><td>Data Entry By Lauren Korte 114:59:16, 51:02:27 Data Entry Date 26:Sep-2012 Alberta Transportation (AIT) Review Name Tom Carey CMA2 Sepan Rise (or Dia.) Protecter Value 31-Aug-2012 Tom Carey Dept. Review Date 02-Oct-2012 Review Date 02-Oct-2012 Rise (or Dia.) Type Length Corr. Profile Tom Carey Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Review Date Tom Carey Tom Carey Review Date Oct-Oct-2012 Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Tom Carey Octor Gas Tom Carey Tom Carey Tom Carey</td><td>SE SEC 13 TWP 24 RGE 8 W5M Data Entry By Lauren Korte -114:69:16, 51:02:27 Data Entry Date 26-Sep-2012 Alberta Transportation (AIT) Reviewer Name Tom Carey CMA28 Reviewer Name 11-Aug-2012 12 / 66 deg. (RHF) Dept. Reviewer Name 11-Aug-2012 RAU-211.8-110 Dept. Reviewer Name 02-Oct-2012 RAU-211.8-110 Follow-Up By 02-Oct-2012 Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab 2317 2561 SPE 117.7 152X51 4.0 Municipal Hereine Konte Keytewer Kame Set Koute Unitational Condition Keytewer Kame <td< td=""></td<></td></td></td></td>	<td>Data Entry By Data Entry Date-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Review r NameCMA28Review Date12 / 66 deg. (RHF)Dept. Review Date310 / 2011 (A)Dept. Review DateRAU-211.8-110Dept. Review Date16SpanRise (or Dia.)Type23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEMunicipalamentSpanRise (or Dia.)Type23172561SPEIntr.23172561SPEMunicipalpromentSpanRise (or Dia.)Type23172561SPEMunicipalpromentStation of Intr.South curves - not seat.10Intr.SSSouthIntr.SSouthIntr.South.11Intr.SS11Intr.SS11Intr.SS11Intr.SS11Intr.SS12.000Intr.S12.000Intr.S12.000Intr.S12.000Intr.S12.001Intr.S13.01Intr.S14.01Intr.S15.01Intr.S15.01</td> <td>SE SEC 13 TWP 24 RGE 8 W5MData Entry By-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Reviewer NameCMA28Reviewer Name12 / 66 deg. (RHF)Dept. Reviewer Name310 / 2011 (A)Dept. Reviewer NameRAU-211.8-110Dept. Reviewer Name16Follow-Up By16SpanRise (or Dia.)1723172561SPE23172561SPE23172561SPE23172561SPE1117.7MinicipalmentNowNowEquationTUTILIES (Located at)Interviewer ValueSpanRise (or Dia.)TypeGasMainicipalNowSpanRise (or Dia.)TypeGasMainicipalProblem (Y/N)NoVisibleExplanation of ConditSouth curves - reducedExplanation of ConditSouth curves - reducedExplanation of ConditSouthLastNowExplanation of ConditSouthSouthExplanation of ConditS<td colsp<="" td=""><td>Data Entry By Lauren Korte 114:59:16, 51:02:27 Data Entry Date 26:Sep-2012 Alberta Transportation (AIT) Review Name Tom Carey CMA2 Sepan Rise (or Dia.) Protecter Value 31-Aug-2012 Tom Carey Dept. Review Date 02-Oct-2012 Review Date 02-Oct-2012 Rise (or Dia.) Type Length Corr. Profile Tom Carey Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Review Date Tom Carey Tom Carey Review Date Oct-Oct-2012 Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Tom Carey Octor Gas Tom Carey Tom Carey Tom Carey</td><td>SE SEC 13 TWP 24 RGE 8 W5M Data Entry By Lauren Korte -114:69:16, 51:02:27 Data Entry Date 26-Sep-2012 Alberta Transportation (AIT) Reviewer Name Tom Carey CMA28 Reviewer Name 11-Aug-2012 12 / 66 deg. (RHF) Dept. Reviewer Name 11-Aug-2012 RAU-211.8-110 Dept. Reviewer Name 02-Oct-2012 RAU-211.8-110 Follow-Up By 02-Oct-2012 Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab 2317 2561 SPE 117.7 152X51 4.0 Municipal Hereine Konte Keytewer Kame Set Koute Unitational Condition Keytewer Kame <td< td=""></td<></td></td></td>	Data Entry By Data Entry Date-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Review r NameCMA28Review Date12 / 66 deg. (RHF)Dept. Review Date310 / 2011 (A)Dept. Review DateRAU-211.8-110Dept. Review Date16SpanRise (or Dia.)Type23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEIntr.23172561SPEMunicipalamentSpanRise (or Dia.)Type23172561SPEIntr.23172561SPEMunicipalpromentSpanRise (or Dia.)Type23172561SPEMunicipalpromentStation of Intr.South curves - not seat.10Intr.SSSouthIntr.SSouthIntr.South.11Intr.SS11Intr.SS11Intr.SS11Intr.SS11Intr.SS12.000Intr.S12.000Intr.S12.000Intr.S12.000Intr.S12.001Intr.S13.01Intr.S14.01Intr.S15.01Intr.S15.01	SE SEC 13 TWP 24 RGE 8 W5MData Entry By-114:59:16, 51:02:27Data Entry DateAlberta Transportation (AIT)Reviewer NameCMA28Reviewer Name12 / 66 deg. (RHF)Dept. Reviewer Name310 / 2011 (A)Dept. Reviewer NameRAU-211.8-110Dept. Reviewer Name16Follow-Up By16SpanRise (or Dia.)1723172561SPE23172561SPE23172561SPE23172561SPE1117.7MinicipalmentNowNowEquationTUTILIES (Located at)Interviewer ValueSpanRise (or Dia.)TypeGasMainicipalNowSpanRise (or Dia.)TypeGasMainicipalProblem (Y/N)NoVisibleExplanation of ConditSouth curves - reducedExplanation of ConditSouth curves - reducedExplanation of ConditSouthLastNowExplanation of ConditSouthSouthExplanation of ConditS <td colsp<="" td=""><td>Data Entry By Lauren Korte 114:59:16, 51:02:27 Data Entry Date 26:Sep-2012 Alberta Transportation (AIT) Review Name Tom Carey CMA2 Sepan Rise (or Dia.) Protecter Value 31-Aug-2012 Tom Carey Dept. Review Date 02-Oct-2012 Review Date 02-Oct-2012 Rise (or Dia.) Type Length Corr. Profile Tom Carey Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Review Date Tom Carey Tom Carey Review Date Oct-Oct-2012 Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Tom Carey Octor Gas Tom Carey Tom Carey Tom Carey</td><td>SE SEC 13 TWP 24 RGE 8 W5M Data Entry By Lauren Korte -114:69:16, 51:02:27 Data Entry Date 26-Sep-2012 Alberta Transportation (AIT) Reviewer Name Tom Carey CMA28 Reviewer Name 11-Aug-2012 12 / 66 deg. (RHF) Dept. Reviewer Name 11-Aug-2012 RAU-211.8-110 Dept. Reviewer Name 02-Oct-2012 RAU-211.8-110 Follow-Up By 02-Oct-2012 Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab 2317 2561 SPE 117.7 152X51 4.0 Municipal Hereine Konte Keytewer Kame Set Koute Unitational Condition Keytewer Kame <td< td=""></td<></td></td>	<td>Data Entry By Lauren Korte 114:59:16, 51:02:27 Data Entry Date 26:Sep-2012 Alberta Transportation (AIT) Review Name Tom Carey CMA2 Sepan Rise (or Dia.) Protecter Value 31-Aug-2012 Tom Carey Dept. Review Date 02-Oct-2012 Review Date 02-Oct-2012 Rise (or Dia.) Type Length Corr. Profile Tom Carey Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Review Date Tom Carey Tom Carey Review Date Oct-Oct-2012 Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Tom Carey Octor Gas Tom Carey Tom Carey Tom Carey</td> <td>SE SEC 13 TWP 24 RGE 8 W5M Data Entry By Lauren Korte -114:69:16, 51:02:27 Data Entry Date 26-Sep-2012 Alberta Transportation (AIT) Reviewer Name Tom Carey CMA28 Reviewer Name 11-Aug-2012 12 / 66 deg. (RHF) Dept. Reviewer Name 11-Aug-2012 RAU-211.8-110 Dept. Reviewer Name 02-Oct-2012 RAU-211.8-110 Follow-Up By 02-Oct-2012 Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab 2317 2561 SPE 117.7 152X51 4.0 Municipal Hereine Konte Keytewer Kame Set Koute Unitational Condition Keytewer Kame <td< td=""></td<></td>	Data Entry By Lauren Korte 114:59:16, 51:02:27 Data Entry Date 26:Sep-2012 Alberta Transportation (AIT) Review Name Tom Carey CMA2 Sepan Rise (or Dia.) Protecter Value 31-Aug-2012 Tom Carey Dept. Review Date 02-Oct-2012 Review Date 02-Oct-2012 Rise (or Dia.) Type Length Corr. Profile Tom Carey Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Review Date Tom Carey Tom Carey Review Date Oct-Oct-2012 Tom Carey Tom Carey Dept. Review Date 02-Oct-2012 Tom Carey Octor Gas Tom Carey Tom Carey Tom Carey	SE SEC 13 TWP 24 RGE 8 W5M Data Entry By Lauren Korte -114:69:16, 51:02:27 Data Entry Date 26-Sep-2012 Alberta Transportation (AIT) Reviewer Name Tom Carey CMA28 Reviewer Name 11-Aug-2012 12 / 66 deg. (RHF) Dept. Reviewer Name 11-Aug-2012 RAU-211.8-110 Dept. Reviewer Name 02-Oct-2012 RAU-211.8-110 Follow-Up By 02-Oct-2012 Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab Nation Span Rise (or Dia.) Type Length Corr. Profile PI/Slab 2317 2561 SPE 117.7 152X51 4.0 Municipal Hereine Konte Keytewer Kame Set Koute Unitational Condition Keytewer Kame Keytewer Kame <td< td=""></td<>

Alberta Transportation

				am End
Culvert Component		Last	Now	Explanation of Condition
Bevel End	I	7	7	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			_
Above/Below (mm)	100			
Scour Protection		7	7	_
(Type : RIP RAP)				_
(Avg. Rock Size(mm) : 400)				
Scour/Erosion		7	7	
Beavers (Y/N)	No			
Upstream End General Rating		7	7	
		Brid	dge Cu	lvert Barrel
Culvert Component		Last		Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm): 2317	7, Rise (mm): 2561, Type: SPE)
Barrel Last Accessible Date	28-Aug-2012			
Special Features	·			
Special Feature				Ditch drain is U/S roof.
(Type :)				
Special Feature				
(Туре :)				
Roof		7	7	
Measured Rise (mm)	2560			
Measured At Ring No.	10			
Sag (mm)	0			
Percent Sag				
Sidewall		7	7	Inward.
Measured Span (mm)	2310			
Measured At Ring No.	8			
Deflection (mm)	7			
Percent Deflection	1			
Floor		7	7	
Bulge (mm)	0			1
Measured At Ring No.				1
Abrasion (Y/N)	Yes			Minor.
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				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)	No			1
Longitudinal Stagger (Y/N)	No			1
Coating	-	6	6	Superficial on floor.
Corrosion By Soil (Y/N)	No		5	
Corrosion By Water (Y/N)	Yes			
Camber POS/ZERO/NEG	POS			
	1			
Ponding (Y/N)	No			

Alberta Transportation

Bridge Inspection & Maintenance System (Web 2005)

Bridge Culvert Barrel									
Culvert Component				Explanation of Condition					
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, S			· •					
Fish Passage Adequacy		5	5						
Baffle			Х						
(Туре :)									
Waterway Adequacy		7	7						
Icing (Y/N)	No								
Silting (Y/N)	No								
Drift (Y/N)	No								
Barrel General Rating		7	7						
Downstream End									
Culvert Component			Now	Explanation of Condition					
Direction	·	N		North.					
End Treatment (Concrete, Steel, Others, None)	nent (Concrete, Steel, CONCRETE								
Headwall		7	7						
Collar		7	7						
Wingwalls		X	Х						
(Shape :)									
Cutoff Wall			N	Buried.					
Bevel End		7	7						
Heaving (mm)	n) 0								
Invert Above/Below Stream Bed	BELOW								
Above/Below (mm)	Above/Below (mm) 200		1						
Scour Protection		7	7	-					
(Type : RIP RAP)				-					
(Avg. Rock Size(mm) : 500)			1						
Scour/Erosion		7	7						
Beavers (Y/N)	No								
Downstream End General Ration	ng	7	7						
		9	Structu	re Usage					
			Now	Explanation of Condition					
Channel (U/S and D/S)									
Alignment		5	5	Channel at 70 deg to culvert both ends.					
Bank Stability		6	6						
HWM (m below Top of Culvert)				HWM not visible.					
Drift (Y/N)	No								
Channel Bottom Degrading/Aggrading	DEGRADING			@ D/S.					
Beavers (Y/N) No									
(Fish Compensation Measure 1 :	NONE)								
(Fish Compensation Measure 2 :	NONE)								
Channel General Rating		5	5						

Maintenance Recommendations											
Inspector Recommendations	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/CUTO	FF										
REPAIR SEAMS											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) 77.8/77. (%)		8 Sufficiency Rating (Last/N (%)	low) 7	75.5/75.4 Est. Repl. Yr 2035			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 Garry Roberts Prev			Previous /	is Assistant's Name							
Next Inspection Date 28-May-2014 Pr			Previous I	nspection Date	06-Jan-2011						
Inspection Cycle (Default) (months)	21										
Comment											