Bridge File Num	hor	72000	1 Dridge Culve	. r1	Dridg	e Cuive							
Voor Puilt	Dei	1052	- I blidge Cuive	<i></i>				уре		2			
Pridao or Town	Nomo	1952	<u> </u>				LOUNO	Inspector Name					
	INAITIE						Inspect						
Dridge of Yown Name Driveories   Located Over EID - IRRIGATION (   Located On 1:18 R1 3.115;1:18 I   Water Body CI./Year    Legal Land Location SE SEC 24 TWP 19   Longitude, Latitude -111:57:16, 50:37:16   Road Authority Alberta Transportation   Contract Main. Area CMA23   Clear Roadway/Skew 25.4 /   AADT/Year 7,860 / 2010 (A)   Road Classification RFD-412.4-130   Detour Length (km) 1   Bridge Culvert Information 1   Number of Culverts 1   Pipe # Barrel Span   1 MAIN 4572   1 D/S -   Special Features Special Features   Special Features N R/W   Power N SIDE, 3 WIRE 35 m FRC   Others F.O. N R/W   Remarks F.O. N R/W			RIGATION C,	2 4 2 2	10-10		Assistant Name		BR CLS B				
Localed On	Vaar	1.10 K	I 3.115,1.16 L1	3.133			Assista						
Water Body CI./	rear						Assista			05 Fab 2012			
	ear				4 1 4		Inspection Date			05-Feb-2012			
Longitude, Latitude -111:57:16, 50:37:16				4171		Data E	Data Entry By Lauren Korte						
Longitude, Latitude-111:57:16, 50:37:16Road AuthorityAlberta Transportation (AIT)						Data E	ntry Date	:	08-Mar-2012				
Road Authority   Alberta Transportation (AIT)     Contract Main. Area   CMA23     Cite Data (C)   25.44(1)						Review	er Name	:	Garry Roberts				
Clear Roadway/Skew 25.4 /						Review		Marra	12-Feb-2012				
Jear Roadway/Skew 25.4 / AADT/Year 7.860 / 2010 (A)					Dept. F		Name	11 Mar 2012					
AAD I/Year   7,860 / 2010 (A)     Road Classification   PED_412.4_120							ate	11-Mar-2012					
Road Classificat	Road Classification RFD-412.4-130					FOIIOW	ор ву						
Detour Length (F	KIII)   Inform	1 otion											
Number of Culverta													
Ding #	Porrol		1 Span	Diec (or		Tuno		Longth		Corr Drofilo	DI /Slob	Shana	
	Daniel		Span	KISE (UI	Dia.)	туре		Lengin		Con. Fiolile	Thickness	Shape	
1 [	MAIN		4572	1524		BP		56.6				RECTANGLE	
1 [	D/S		-	1200		MP		1				ROUND	
Special Features	s												
Special Features	s Comr	nent											
								-					
	-1				Uti	lities (L		at)					
		,					0.00						
Telephone							Gas						
Power			WIRE 35 m FROM C.L.				Droble		No				
Duriers	F.U. 1	N K/VV					Proble						
Remarks				Δ.	oproad	h Poar	l / Emb	nkmont					
				~	Last	Now	Explanation of Condition						
Horizontal Aligni	Horizontal Alignment				8	8	CURVE 200 m EAST						
Horizontal Alignment			8	8									
							Steepe	r u/s east	t 1 m -	4:1 then 1:1 @	box.		
Roadway Width	(m)		25.400				· ·						
-													
Embankment					6	6							
Sideslope (:	:1)		4.0				-						
(Height of Cov	/er(m) :	<b>2.2</b> )			1								
Guardrail (Y/N)			No										
Approach Road	d / Fmb	ankme	nt General Ra	tina	8	8							
, pprodon node	<i>, _</i> ,,,												
						Upstre	am End						
Culvert Compo	nent				Last	Now	Explan	ation of	Condi	tion			
Direction							SOUTH	l to Boxes					
End Treatment ( Others, None)	Concre	ete, Stee		<u> </u>		_	Concre	le Doxes					
Headwall					5	4	Light s	caling. Sp	oall at C	Cell 3.			
Collar					Х	Х							
Wingwalls					Х	Х							
(Shape : )													

			Upstre	am End						
Culvert Component		Last	Now	Explanation of Condition						
Cutoff Wall		Х	Х							
Bevel End			4	SCALING @ W & E.						
Heaving (mm)	0									
Invert Above/Below Stream Bed	BELOW									
Above/Below (mm)	50									
Scour Protection		N	N	Ingrown.						
(Туре : )										
(Avg. Rock Size(mm) : )										
Scour/Erosion		N	N							
Beavers (Y/N)	No									
Upstream End General Rating		3	4							
		Brie	dge Cu	lvert Barrel						
Culvert Component		Last	Now	Explanation of Condition						
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	ın (mm	): 1524	, Rise (mm): 1524, Type: BP, Cell Sequence: 1)						
Barrel Last Accessible Date	29-Apr-2004			West.						
Special Features										
Special Feature										
(Type:)										
Special Feature										
(Type:)										
Roof		N	N	No access due to ice. 500-600mm of rise open at all U/S cells.						
Measured Rise (mm)										
Measured At Ring No.										
Sag (mm)	0									
Percent Sag										
Sidewall		N	N							
Measured Span (mm)										
Measured At Ring No.										
Deflection (mm)	0									
Percent Deflection										
Floor		N	N							
Bulge (mm)			-1							
Measured At Ring No.										
Abrasion (Y/N)										
Circumferential Seams		N	N							
Separation (mm)				1						
Longitudinal Seams		X	Х							
Total No. of Cracked Rings	0									
Total No. of Rings with Two Cracked Seams	0									
Min. Remaining Steel Between Cracks (mm)	0									
Proper Lap (Y/N)										
Longitudinal Stagger (Y/N)										
Coating		X	Х							
Corrosion By Soil (Y/N)	No									
Corrosion By Water (Y/N)	No			1						
Camber POS/ZERO/NEG	ZERO			No sight line due to ice.						

Bridge Inspection & Maintenance System (Web 2005)

	j.	Bric	dge Cul	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	): 1524	, Rise (mm): 1524, Type: BP, Cell Sequence: 1)
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		Х	Х	
(Туре : )				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		3	3	G.R. CARRIED FORWARD.
		Bric	ide Cul	vert Barrol
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1 Primary Span Loca	tion Code: MAIN_Sna	n (mm	). 1524	Rise (mm): 1524 Type: BP Cell Sequence: 2)
Barrel Last Accessible Date	29-Apr-199/		<u>). 102</u> 4	Middle concrete box
	23-Api-1334			
Special Features				
Special Feature				
(Туре : )				
Special Feature				
(Туре : )				
Roof		N	N	(Full with water). 08-Aug-2010
Measured Rise (mm)				No access due to ice.
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				
Percent Deflection				
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)			-	
Circumferential Seams		N	N	
Separation (mm)				
Longitudinal Seams		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)				
Longitudinal Stagger (Y/N)				
Coating		Х	Х	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			No sight line possible.

Bridge Inspection & Maintenance System (Web 2005)

		Bri	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Sp	an (mm	ı): 1524	, Rise (mm): 1524, Type: BP, Cell Sequence: 2)
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		Х	Х	
(Туре:)				
Waterway Adequacy		N	N	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		3	3	G.R. CARRIED FORWARD.
		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Sp	an (mm	): 1 <u>52</u> 4	, Rise (mm): 1524, Type: BP, Cell Sequence: 3)
Barrel Last Accessible Date	29-Apr-1994			East concrete box.
Special Features				
Special Feature				
(Type : )				
Special Feature				
(Туре : )				
Roof		N	N	(Full with water.) 08-Aug-2010
Measured Rise (mm)				No access due to ice.
Measured At Ring No.				
Sag (mm)				
Percent Sag			_	
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)				-
Percent Deflection				
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N	N	
Separation (mm)				
Longitudinal Seams		Х	X	
Total No. of Cracked Rings				4
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		N	N	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				No sight line possible.

Bridge Inspection & Maintenance System (Web 2005)

		Brie	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	): 1524	, Rise (mm): 1524, Type: BP, Cell Sequence: 3)
Ponding (Y/N)	No			
Fish Passage Adequacy			7	
Baffle			Х	
(Туре : )				
Waterway Adequacy		N	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		3	3	General Rating Carried Forward.
		Brie	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: D/S, Span	(mm):	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 1)
Barrel Last Accessible Date	29-Apr-2004			West 1200 CSP.
Special Features				
Special Feature				
(Type : )				
Special Feature				
(Туре : )				
Roof		N	N	(Culvert filled to top w/ water) 08-Aug-2010
Measured Rise (mm)				No access due to ice within 300-400mm
Measured At Ring No.				
Sag (mm)	0			
Percent Sag				
Sidewall		N	N	
Measured Span (mm)				
Measured At Ring No.				
Deflection (mm)	0			
Percent Deflection				
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)				
Circumferential Seams		N	Ν	
Separation (mm)				
Longitudinal Seams		Х	Х	
Total No. of Cracked Rings	0			
Total No. of Rings with Two Cracked Seams	0			
Min. Remaining Steel Between Cracks (mm)	0			
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		Х	Х	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			No sight line possible.

Bridge Inspection & Maintenance System (Web 2005)

		Brid	dge Cu	vert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: D/S, Span	<u>(mm):</u>	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 1)
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle			Х	
(Туре : )				
Waterway Adequacy		7	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel Extension General Ratin	Ig	3	3	G.R. CARRIED FORWARD.
		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: D/S, Span	(mm):	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 2)
Barrel Last Accessible Date	29-Apr-1994			Middle 1200 CSP.
Special Features	I			
Special Feature				
(Туре : )		1	1	
Special Feature				
(Туре : )				
Roof		N	N	No access due to ice.
Measured Rise (mm)				
Measured At Ring No.				
Sag (mm)				
Percent Sag				
Sidewall	1	N	N	
Measured Span (mm)				-
Measured At Ring No.				
Deflection (mm)				
Percent Deflection			1	
Floor		N	N	
Bulge (mm)				
Measured At Ring No.				
Abrasion (Y/N)			1	
Circumferential Seams		N	N	
Separation (mm)				
Longitudinal Seams		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)				
Longitudinal Stagger (Y/N)				
Coating		Х	X	
Corrosion By Soil (Y/N)				
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG	ZERO			No sight line possible.

Bridge Inspection & Maintenance System (Web 2005)

		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Locat	tion Code: D/S, Span	<u>(mm):</u>	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 2)
Ponding (Y/N)	No			
Fish Passage Adequacy			7	
Baffle			Х	
(Туре : )				
Waterway Adequacy		N	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
<b>Barrel Extension General Ratin</b>	ıg	3	3	G.R. CARRIED FORWARD.
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: D/S, Span	(mm):	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 3)
Barrel Last Accessible Date	29-Apr-1994			East 1200 CSP
Special Features				
Special Feature				
(Туре : )			_	
Special Feature				
(Туре : )				
Roof		N	N	(Full with water.) 08-Aug-2010.
Measured Rise (mm)				No access due to ice.
Measured At Ring No.				
Sag (mm)				_
Percent Sag			_	
Sidewall		N	N	
Measured Span (mm)				-
Measured At Ring No.				-
Deflection (mm)				-
Percent Deflection			_	
Floor		N	N	
Bulge (mm)				-
Measured At Ring No.				-
Abrasion (Y/N)				
Circumferential Seams		N	N	
Separation (mm)				
		X	X	
Total No. of Cracked Rings				-
Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		N	N	
Corrosion By Soil (Y/N)				1
Corrosion By Water (Y/N)				
Camber POS/ZERO/NEG				No sight line.

Bridge Inspection & Maintenance System (Web 2005)

		Brid	dge Cu	lvert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 1, Primary Span, Loca	tion Code: D/S, Span	(mm):	, F	Rise (mm): 1200, Type: MP, Cell Sequence: 3)
Ponding (Y/N)	No			
Fish Passage Adequacy		7	7	
Baffle		Х	Х	
(Type : )				
Waterway Adequacy		N	7	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
<b>Barrel Extension General Ratin</b>	Ig	3	3	General Rating Carried Forward.
			ownet	roam End
Culvert Component		Last	Now	Explanation of Condition
Direction	<u> </u>	Last	140 **	North
End Treatment (Concrete, Steel, Others, None)	STEEL			
Headwall	1	Х	X	
Collar		X	Х	
Wingwalls			X	
(Shape: )	(Shape · )			
Cutoff Wall	Cutoff Wall			
Bevel End	1	Х	N	Top of sloped edge visible only.
Heaving (mm)				
Invert Above/Below Stream Bed	BELOW			-
Above/Below (mm)	50		1	
Scour Protection		N	N	Submerged
(Type:)				-
(Avg. Rock Size(mm) : )				
Scour/Erosion		N	N	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	N	N	
		S	structu	re Usage
		Last	Now	Explanation of Condition
Channel (U/S and D/S)			1	
Alignment		7	7	Flow controlled by small gate U/S.
Bank Stability		7	7	
HWM (m below Top of Culvert)				HWM not visible
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading	AGGRADING			
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
<b>Channel General Rating</b>		7	7	

			Maintenance Re	commend	ations					
Inspector Recommendations		Year	Inspector Comments		Department Con	nments	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	Consider dewatering to allow for prop inspection. Pipe hasn't been entered April 29, 1994	oer I since						
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/No (%)	ow)	33.3/33.	.3 Sufficiency Rating (Last/N (%)	low) 4	19.9/50.8	Est. Repl. Yr	2012	Maint. Red	γd. (Y/N)	Yes
Special Comments for Next Inspection					Department Comments					
Maintenance Reviewed By					Date		E	stimated Total	0	
Proposed Long-Term Strategy										
On 3-Year Program (Y/N)										
Proposed Action										
Previous Inspector's Name	Jason F	Rusu		Previous /	Assistant's Name					
Next Inspection Date	05-Nov	-2013		Previous I	nspection Date	08-Aug-2010				
Inspection Cycle (Default) (months)	21									
Comment										