Bridge File Num						Bridge	nspection							
blidge Flie Null	nber	74952 -1	Bridge			Form Type				PCS				
Year Built/Year 1990/1990						Lot No.			2					
Supstr							Inspector Name			Jon Davies				
Bridge or Town Name BLACKIE							Inspector Class			BR CLS B				
Located Over TRIBUTARY TO FRANK LAKE 2.12.12.16.1.1, WATERCRS-ST							Assistant Name							
Located On		799:02 C					Assistant Class							
Water Body Cl./Year							Inspection Date			24-Jan-2013				
Navigabil. Cl./Year							Data Entry By			Anne Roberts				
Legal Land Location SW SEC 12 TWP 19 RGE 27 W					27 W4M		Data Entry	Data Entry Date 21-Feb-2013						
Longitude, Latitude -113:37:43, 50:35:16							Reviewer Name Garry			Garry Rober	ts			
Road Authority	uuo		ransporta		Г)		Review Da	ate	03-Feb-2013					
Contract Main.	Area	CMA27	ranopora		• )		Dept. Rev	Dept. Reviewer Name		Tim Davies				
Clear Roadway		8.8 /					Dept. Rev	iew Date	)	04-Mar-2013	3			
AADT/Year		440 / 20	11 (A)				Follow-Up	Ву						
Road Classifica	ntion	RCU-208												
Detour Length (		3	5 110											
Allowable Load		-	28		Semi	CS2 49		Train	CS	3 62		> On Criti	cal Snans	
		.9.0 001	20			002 40					>Critical		Member	
Design Loading	:	MS2	225									> Primary Span		
				1		Posting I	nformation							
Required Load	Posting	(t)		Single			Semi				Truck	< Train		
Posted Loading	(t)			Single			Semi				Truck Train			
Posted:	Lane	NB		At Junc	tion (Y/N)	No	In Adv	/ance (Y	/N)	No	At Br	idge (Y/N)	No	
Posted:	Lane	SB		At Junc	tion (Y/N)	No	In Advance (Y/N)		/N)	No At Bridge (Y/N)		No		
Remarks	Not re	quired												
Hazard Marker	At Brid	ge (Y/N)	Yes											
	At Brid	ge (Y/N)		D MARK	ERS ARI	E AT WR	ONG LOCA	FION @	Gua	rdrail				
Remarks		ge (Y/N)		D MARK	ERS ARI	E AT WR	ONG LOCA	fion @	Gua	rdrail				
Remarks		ge (Y/N)		D MARK			DNG LOCA <sup>-</sup>		Guai	rdrail				
Remarks Other Sign Type	es	ge (Y/N)		D MARK					Gua	rdrail				
Remarks Other Sign Type Utility Attachme	es ents	ge (Y/N)		D MARK						rdrail ing 100m nor	th			
Remarks Other Sign Type Utility Attachme Telephone	es ents WEST		HAZAR	D MARK			Located at)				th			
Remarks Other Sign Type Utility Attachme Telephone Power	es ents WES <sup>1</sup> 3 WIR	r Ditch	HAZAR				Located at) Gas	C	ross		th			
Remarks Other Sign Type Utility Attachme Telephone Power Others	es ents WES <sup>1</sup> 3 WIR	T DITCH	HAZAR				Located at) Gas Municipal	C	ross		th			
Remarks Other Sign Type Utility Attachme Telephone Power Others	es ents WES <sup>1</sup> 3 WIR	T DITCH	HAZAR			Utilities (	Located at) Gas Municipal	C	ross		th			
Remarks Other Sign Type Utility Attachme Telephone Power Others	es ents WES <sup>1</sup> 3 WIR	T DITCH	HAZAR			Utilities ( Approa	Located at) Gas Municipal Problem (	Y/N) N	ross	ing 100m nor	th			
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks	ents WES <sup>-</sup> 3 WIR Fibre	T DITCH	HAZAR		La	Utilities ( Approa	Gas Municipal Problem (	Y/N) N	ross	ing 100m nor	th			
Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme	ents WES <sup>-</sup> 3 WIR Fibre	T DITCH	HAZAR		La	Approa st Now	Gas Municipal Problem (	Y/N) N	ross	ing 100m nor	th			
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme	ests WES <sup>1</sup> 3 WIF Fibre	T DITCH	HAZAR		La	Approa st Now 3 8	Located at) Gas Municipal Problem ( ach Road Explanati	Y/N) N on of Co	o ndit	ing 100m nor		ACP cracks		
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width	es MES 3 WIF Fibre	T DITCH	HAZAR FENCE east R/W		La {	Approa st Now 3 8	Located at) Gas Municipal Problem ( ach Road Explanati	Y/N) N on of Co	o ndit	ing 100m nor		ACP cracks		
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump	es WES 3 WIR Fibre ament ent a (m) o	T DITCH	HAZAR FENCE east R/W 8.500		La {	Appros st Now 3 8 9 8	Located at) Gas Municipal Problem ( ach Road Explanati Minor sett	Y/N) N on of Co	ross lo pondit	ing 100m nor ion	wide A		e rail tube	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N)	es WES 3 WIR Fibre ament ent a (m) o	T DITCH	HAZAR FENCE east R/W			Approa st Now 3 8 9 8	Located at) Gas Municipal Problem ( ach Road Explanati Minor sett	Y/N) N on of Co lement a @ SW /	ross lo pondit	ing 100m nor	wide A		je rail tube	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail	es WES 3 WIR Fibre ament ent a (m) o	T DITCH	HAZAR HAZAR EENCE east R/W 8.500			Approa st Now 3 8 9 8 5 5	Located at) Gas Municipal Problem (  Ach Road Explanati Minor sett Split post	Y/N) N on of Co lement a @ SW /	ross lo pondit	ing 100m nor ion	wide A		ge rail tube	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m)	es wts WES <sup>-</sup> 3 WIF Fibre ment ent n (m) o	F DITCH RE EAST I Optics @	HAZAR HAZAR EENCE east R/W 8.500 Yes 22.400			Approa st Now 3 8 9 8 5 5	Located at) Gas Municipal Problem ( Contemportation Contemportation Minor setted Split post all corners	Y/N) N on of Co lement a @ SW /	ross lo pondit	ing 100m nor ion	wide A		ge rail tube	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Stanc	ests WES <sup>1</sup> 3 WIF Fibre ament ent n (m) o	F DITCH RE EAST I Optics @	HAZAR HAZAR EENCE east R/W 8.500 Xes 22.400 No			Approa st Now 3 8 9 8 5 5	Located at) Gas Municipal Problem ( Contemportation Contemportation Minor setted Split post all corners	Y/N) N on of Co lement a @ SW /	ross lo pondit	ing 100m nor ion	wide A		ge rail tube	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m)	ests WES <sup>1</sup> 3 WIF Fibre ament ent n (m) o	F DITCH RE EAST I Optics @	HAZAR HAZAR EENCE east R/W 8.500 Xes 22.400 No		La { { { { { { { { { { { { {	Approa st Now 3 8 9 8 5 5	Located at) Gas Municipal Problem ( Contemportation Contemportation Minor setted Split post all corners	Y/N) N on of Co lement a @ SW /	ross lo pondit	ing 100m nor ion	wide A		ge rail tube	

Superstructure										
Bridge Com	ponent									
	an : <b>SM, 1 Spa</b>	ns, Lengtl	าร(n	n): 6, A-Ident	Numbe	er:)				
Special Feat	tures									
Special Featu	ure									
(Type : )										
	Special Feature									
(Type : )										
	face/Deck Top	Detail Rat	inas							
g	N (%)	1 (%)								
Last	0	0		0	3 (%)					
Now	0.0	0.0		0.0		).0	-			
Wearing Surf		0.0		010	6	5				
(Material Ty					0	5				
(Thickness							-			
	ection Problen	n No					-			
(Y/N)										
Deck Top					N	N	ACP covered			
Deck Rideab	ility				7	6				
Deck Joints					N	N	ACP covered Minor in both directions			
Bump (Y/N	)	Yes				_				
Deck Drainag	ge				5	5	NO DRAINS			
Drains Clog	gged (Y/N)									
Curbs/Media	n				4	6				
(Curb Type	e : Standard)						_			
Scaling (Percent Area) 5										
Bridge Rail					8	7				
(Type : GA	LVANIZED ST	FEEL BRID	OGE	TUBE)						
Bridge Rail P	osts				8	7	_			
(Type : GA	LVANIZED PO	OST STEE	L)							
Bridge Rail/P					8	7	-			
	LVANIZED)									
Sidewalk					X	X				
Girder Detail	Ratings									
Sindor Dotain	N (count)	1 (count)		2 (count)	3 (cou	unt)				
Last	0	0		0		0				
Now	0	0		0		0	1			
Girders	~			-	7 7		Hairline to narrow longitudinal cracks on girder undersides			
	te Inspection D	Date 24-	lan-	2013						
	· · · · · · · · · · · · · · · · · · ·	Yes					Tar filled lift hook pockets			
	Cracking (Y/N) Yes Spalling (Percent Area) 0									
Lift or Conne Grouted (Y/N	ctor Pocket	No								
(Number Of (	·						-			
	nent Problem	e								
Vertical (Y/		s No								
							-			
Horizontal		No			_	-				
Superstruct	ure General R	lating			7	7				

Alberta Transportation

					Subst	ructure				
Bridge Com	ponent			Last	Now	Explanation of Condition				
Abutments										
(Extended	Backwall Piles	s (Y/N) : <b>N</b> )								
(Extended	Backwall Piles	s Spacing(mm	ı):)							
(Total Numbe	er of Caps/Co	rhole • <b>3•3</b> )	<u> </u>			all caps appear sound. A1 cap 1&2 have minor horizontal				
	s/Caps/Corbe		nas		misalignment (outside ends north).					
Deaning Seat	N (count)	1 (count)	2 (count)	3 (cou	unt)					
Last					0	1				
Now	0	0	0		0					
	s/Caps/Corbe	-	0	8	5	-				
	EATED TIMB			0	5					
		ER)				-				
(Depth(mm	· · · · · · · · · · · · · · · · · · ·					-				
(Width(mm	· · · · ·									
Backwalls/Br		0.50		5 4		Some rot in ends of backwall planks. Planks are leaning away from caps up to 120 mm at SE				
Greatest H	eight (m)	2.50		_						
Wingwalls				6	5					
(Total Numbe	er of Bearing I	Piles : <b>9:9</b> )								
Piles Detail R										
- neo Dotan P	N (count)	1 (count)	2 (count)	3 (cou	unt)	Piles 1 & 2 at A1 & A2 have signs of rot. Remaining piles appear adequate.				
Last	0	0	0		0					
Now	0	0	0	_	0	-				
Piles	0	0	0	5	4	-				
Paint/Coating	9			X	X					
					-					
Abutment Sta	ability			6	5					
Scour/Erosio	n			5	5					
Piers/Bents										
(Type : )										
	er of Caps/Co	rhals · )				-				
	s/Caps/Corbe		nas			-				
Dealing Oeal	N (count)	1 (count)	2 (count)	3 (cou	int)	-				
Last					<i></i>	-				
Now										
	ts/Caps/Corbe	ls	I	X	X	-				
(Type : )	.o, oupo, oorbe				~					
(Type .) (Depth(mm	))·)									
(Width(mm										
	· · ·									
Piles Detail R	er of Bearing I	1165.)				1				
T lies Detail R	N (count)	1 (count)	2 (count)	3 (cou	(Int					
Last				3 (000						
Now										
Pier Shaft/Pil				X	X	-				
Greatest H				^	~					
				7	E					
Bracing/Strut	s/Sneathing			7	6	TWO STRUTS AT 2ND & 3RD PILE U/S				
Nose Plate				X	X					
Paint/Coating	9			X	X					
(Colour De	scription : )									
(Colour Co	de : )									

Alberta Transportation

Substructure										
Bridge Component	ridge Component			Explanation of Condition						
Pier Stability			X							
Scour		X	X							
Debris (Y/N)	oris (Y/N) No									
Substructure General Rating			4							
		S	Structu	re Usage						
		Last	Now	Explanation of Condition						
Channel										
(U/S Direction : W)										
(D/S Direction : E)										
Alignment		7	7							
Bank Stability		8	8							
HWM (m below Top of Curb)	1.5			No visible HWM						
Drift (Y/N)	No									
Slope Protection		5	N	P.R. 5 not visible						
(Type:)										
Guidebank/Spurs			Х							
Adequacy of Opening			7							
(Fish Compensation Measure 1	NONE)									
(Fish Compensation Measure 2	NONE)									
Channel General Rating		7	5							

Alberta Transportation

74952 -1 Bridge

Maintenance Recommendations												
Inspector Recommendations		Year Inspector Comments				Department Com	ments		Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL												
SEAL CURBS												
PATCH DECK												
OVERLAY DECK												
STRAIGHTEN/REPLACE MEMBERS												
WASHING												
SHOTCRETE REPAIRS												
CORE TIMBER CAPS/CORBELS		2013	Core Pile	s and caps.								
REPAIR/REPLACE TIMBER CAPS												
REPAIR ABUTMENT SCOUR/EROSI	ON											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL STRUTS												
OTHER ACTION		2013	Fill lift po	ckets @ curbs 0.2n	n <sup>3</sup> grout.							
OTHER ACTION		2013 1 new T.T. post at SW guardrail. Reatt guardrail to bridge rail with T.T. blockin corners.			drail. Reattach T.T. blocking at all 4							
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/Now) (%)		66.7/61.1 Sufficiency Rating (Last/ (%)		g (Last/Now) 7	0.7/66.4	Est. Repl. Yr 2030		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	Rex Da	avidson			Previous A	us Assistant's Name						
Next Inspection Date	24-Apr-	-2016			Previous I	nspection Date	16-Oct-2009					
Inspection Cycle (Default) (months)	39											
Comment												