							B	ridge In	spection							
Bridge File Num	nber	0874	45 -1	Bridge					Form Typ	orm Type						
Year Built/Year		1996	6/199	6					Lot No.			2				
Supstr									Inspector Name			Kris Bosters				
Bridge or Town	Name			BURN	E 0 14/4	TEDOD	0.07	-	Inspector Class			BR CLS A				
Located Over				EEK, 6.6	5.8, WA	TERCR	8-81		Assistant Name							
Located On	.	44:00 C1 3.307							Assistant Class							
Water Body Cl./									Inspection Date			06-Jul-2011	1			
Navigabil. Cl./Ye		NE SEC 19 TW/P 53 RGE 26 W/							Data Entr	/ Ву		Theresa La	icusta			
Legal Land Loca		NE SEC 19 TWP 53 RGE 26 W					1		Data Entry Date			13-Jul-2011	1			
Longitude, Latitu	ude								Reviewer Name			Arnold Asse	enheimer			
Road Authority	· · · · · · · · · · · · · · · · · · ·					1)			Review D	ate		11-Jul-2011	1			
	Contract Main. Area CMA11								Dept. Rev	iewer N	ame	Brent Herrie	ck			
Clear Roadway/	Skew	11.9							Dept. Rev	iew Dat	е	18-Jul-2011	1			
AADT/Year	4			010 (A)					Follow-Up	By						
Road Classificat			J-211	.8-110												
Detour Length (3	004	20		Sami	00	2.40		Trois	00	2 62		> 0 = 0 = 1	ical Spans	
Allowable Load	(i). Sir	igie	CS1	28		Semi	US	2 49		Train	US	3 62		-> On Crit ->Critical I	tical Spans Member	
Design Loading:	Design Loading: CS			50										> Primary Span		
							Po	sting In	formation						·	
Required Load Posting (t)					Single				Semi				Truck T	Train		
Posted Loading	(t)				Single				Semi				Truck T	Train		
Posted:	Lane	Ν	١B		At Junc	tion (Y/N	l) (۱	No	In Adv	/ance (Y	′/N)	No	At Bride	ge (Y/N)	No	
Posted:	Lane	S	SB		At Junc	tion (Y/N	V)	No	In Adv	/ance (Y	′/N)	No	At Bride	ge (Y/N)	No	
Remarks																
Hazard Marker	At Brid	ge (Y	7N)	Yes												
Hazard Marker / Remarks	At Brid	ge (Y	/N)	Installed	d too higl sing, NE	h (110m and NV	ım). İ V kno	Not in lii ocked o	ne with bric ver.	lgerail.						
Remarks		ge (Y	/N)	Installed SW mis	d too higl sing, NE Ahead, C	and NV	V kno nead	ocked o . Atim C	ver. Sreek							
Remarks Other Sign Type	es	ge (Y	/N)	Installed SW mis	sing, NE	and NV	V kno nead	ocked o . Atim C	ver.							
Remarks Other Sign Type Utility Attachme	es nts		7/N)	Installed SW mis	sing, NE	and NV	V kno nead	ocked o . Atim C	ver. Greek .ocated at)							
Remarks Other Sign Type Utility Attachme Telephone	es nts W r/w			Installed SW mis	sing, NE	and NV	V kno nead	ocked o . Atim C	ver. Creek ocated at) Gas							
Remarks Other Sign Type Utility Attachme Telephone Power	es nts			Installed SW mis	sing, NE	and NV	V kno nead	ocked o . Atim C	ver. Creek ocated at) Gas Municipal							
Remarks Other Sign Type Utility Attachme Telephone Power Others	es nts W r/w			Installed SW mis	sing, NE	and NV	V kno nead	ocked o . Atim C	ver. Creek ocated at) Gas		ło					
Remarks Other Sign Type Utility Attachme Telephone Power Others	es nts W r/w			Installed SW mis	sing, NE	and NV	V kno nead Util	ocked o . Atim C lities (L	ver. Creek ocated at) Gas Municipal Problem (10					
Remarks Other Sign Type Utility Attachme Telephone Power Others	es nts W r/w			Installed SW mis	sing, NE	and NV	V kno nead Util	Approar	ver. Creek ocated at) Gas Municipal Problem (ch Road	Y/N) N	-	ion				
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks	es nts W r/w E r/w			Installed SW mis	sing, NE	and NV	V kno nead Util	Approar	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati	Y/N) ► on of C	ondit		to North	Meadow	/iew Road	
Remarks Other Sign Type Utility Attachme Telephone Power	es nts W r/w E r/w			Installed SW mis	sing, NE	and NV	V kno nead Util	Approar	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati	Y/N) N on of C	ondit	Uphill grade	to North,	Meadowv	/iew Road	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme	es nts W r/w E r/w ment ent			Installed SW mis 80 kph /	sing, NE	and NV	V kno nead Util ast 6	Approad	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati Curve bot intersectio	Y/N) N on of C h directi n 200m	ondit ons. Nort	Uphill grade h.				
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width	es nts W r/w E r/w ment ent (m)			Installed SW mis	sing, NE	and NV	V kno Util ast 6 6	Approad Now 6 6	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati Curve bot intersection	Y/N) N on of C h directi n 200m	ondit ons. Nort	Uphill grade h.			view Road	
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump	es nts W r/w E r/w ment ent (m)			Installed SW mis 80 kph / 11.600	sing, NE	and NV	V kno nead Util ast 6	Approad	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is brwidth of b	Y/N) N on of C h directi n 200m eaking a ridgept	ondit ons. I Nort	Uphill grade h. along N abu	itment 10	0mm-25m		
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N)	es nts W r/w E r/w ment ent (m)			Installed SW mis 80 kph /	sing, NE	and NV	V knoed Util ast 6 6 6	Approar Now 6 4	ver. Creek ocated at Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is brwidth of b	Y/N) N on of C h directi n 200m eaking a ridgept	ondit ons. I Nort	Uphill grade h.	itment 10	0mm-25m		
Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail	es nts W r/w E r/w ment ent (m)			Installed SW mis 80 kph / 11.600 Yes	sing, NE	and NV	V kno Util ast 6 6	Approad Now 6 6	ver. Creek ocated at) Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is browidth of b 4 posts ar	Y/N) N on of C h directi n 200m eaking a ridgeph nd S sec	ondif ons. Nort	Uphill grade h. along N abu rail damage	itment 100 ed NWpł	0mm-25m hoto	m wide over	
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 nts W r/w E r/w ment ent (m) o	5 wir		Installed SW mis 80 kph / 11.600 Yes 60.000	sing, NE	and NV	V knoed Util ast 6 6 6	Approar Now 6 4	ver. Creek ocated at) Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is browidth of b 4 posts ar	Y/N) N on of C h directi n 200m eaking a ridgeph nd S sec	ondif ons. Nort	Uphill grade h. along N abu	itment 100 ed NWpł	0mm-25m hoto	m wide over	
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 Stand	es nts W r/w E r/w ment ent (m) b lard (Y/	5 wir		Installed SW mis 80 kph / 80 kph / 11.600 Yes 60.000 No	sing, NE Ahead, C	and NV	V knoed Util ast 6 6 6	Approar Now 6 4	ver. Creek ocated at) Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is browidth of b 4 posts ar	Y/N) N on of C h directi n 200m eaking a ridgeph nd S sec	ondif ons. Nort	Uphill grade h. along N abu rail damage	itment 100 ed NWpł	0mm-25m hoto	m wide over	
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 Stand Termination T	es nts W r/w E r/w ment ent (m) b lard (Y/	5 wir		Installed SW mis 80 kph / 11.600 Yes 60.000	sing, NE Ahead, C	and NV	V knoead Utii ast 6 6 6	Approad Now 6 6 4 3	ver. Creek ocated at) Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is browidth of b 4 posts ar	Y/N) N on of C h directi n 200m eaking a ridgeph nd S sec	ondif ons. Nort	Uphill grade h. along N abu rail damage	itment 100 ed NWpł	0mm-25m hoto	m wide over	
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 Stand	es nts W r/w E r/w ment ent (m) b lard (Y/	5 wir		Installed SW mis 80 kph / 80 kph / 11.600 Yes 60.000 No	sing, NE Ahead, C	and NV	V knoed Util ast 6 6 6	Approar Now 6 4	ver. Creek ocated at) Gas Municipal Problem (Ch Road Explanati Curve bot intersection ACP is browidth of b 4 posts ar	Y/N) N on of C h directi n 200m eaking a ridgeph nd S sec	ondif ons. Nort	Uphill grade h. along N abu rail damage	itment 100 ed NWpł	0mm-25m hoto	m wide over	

			1				structure						
Bridge Com							Explanation of Condition						
(Primary Spa		bans, l	Lengths	(m): 12-12-12	2, A-Ider	nt Num	nber:)						
Special Feat						1							
Special Featu	ure					X	_						
(Type :)						1	_						
Special Featu	ure					X	-						
(Type :)													
Wearing Surf					3 (%)								
	N (%) 1 (%) 2 (%)						_						
Last					_		_						
Now					_								
Wearing Surf (Material Ty COAT)		ETE -	CONVE	NTIONAL CH	5 11P SEA	5 L	1 - 200 x 200 delam in chipseal NB.						
(Thickness	(mm) : 50)												
Lateral Conn (Y/N)	ection Proble	m	No										
Deck Top					X	X							
Deck Rideab	ility				7	7							
Deck Joints					N	N	Buffer angles. Paved over.						
Bump (Y/N)			Yes										
Deck Drainag			1		7	7							
Drains Clog			No		_	1							
Curbs/Media					7	7	Narrow vertical crack on exterior fascia below bridgerail post - typical.						
	: Standard)		1				-						
Scaling (Pe	ercent Area)		3		_	1	30% of curb top scaled.						
Bridge Rail					7	7	-						
	LVANIZED S	TEEL	BRIDGE	E TUBE)		1	_						
Bridge Rail P					6	6							
ŠŤĚEL)		OST S	STEEL;G	GALVANIZED	POST		_						
Bridge Rail/P	osts Coating				7	7							
	LVANIZED)												
Sidewalk					X	X							
Girder Detail	Ratings			1									
	N (count)	1 (co	ount)	2 (count)	3 (cou	int)	-						
Last							-						
Now													
Girders					5	5	150x150 spall on outside face of SP1 G1 over.						
Last Complet Cracking (Y	•	Date	06-Jul- Yes	2011			Centre span difficult to view due to water.						
	ercent Area)		0				Hairline longitudinal cracks most girders SP3.						
Lift or Conne Grouted (Y/N	ctor Pocket						Discolouration and rust spots around drain holes.						
(Number Of C							1						
Span Alignm		IS											
Vertical (Y/		-	No										
Horizontal (No				1						
Superstruct	· · · · · ·	Rating			5	5							
Superstruct		ating				J							

Alberta Transportation

					_	Subst	ructure
Bridge Comp	oonent				Last	Now	Explanation of Condition
Abutments							
(Extended B	Backwall Piles	(Y/N) : I	N)				Shrinkage cracks. Map cracks.
(Extended B	Backwall Piles	Spacing	g(mm)	:)			
(Total Numbe	er of Caps/Cor	bels : 1: ′	1)				
Bearing Seats				IS			
	N (count)	1 (coun		2 (count)	3 (cou	unt)	
Last		1 (000011	,				
Now							
Bearing Seats	c/Capc/Carbo				7	7	-
	•	15			1	1	
(Type : COI							
(Depth(mm)							
(Width(mm)						1	
Backwalls/Bre					X	X	
Greatest He	eight (m)	1.	.60		_	1	
Wingwalls					7	7	
	(•				
	er of Bearing F	'iles : 0:0	J)				-
Piles Detail R							-
	N (count)	1 (coun	nt)	2 (count)	3 (cou	int)	-
Last	1						
Now	1						
Piles					N	N	
Paint/Coating					8	8	
Abutment Stability					8	5	Headslopes have settled 200mm each abut. and have 50mm cracks.
Scour/Erosion	n				8	8	
Piers/Bents							
	R-COLUMN)						
							Shrinkage/map cracking at ends.
	er of Caps/Cor						Narrow vertical crack over pile column, typical.
Bearing Seats					0 (
	N (count)	1 (coun	ιτ)	2 (count)	3 (cou	int)	
Last							
Now					_		-
	s/Caps/Corbe	ls			6	6	
(Type : CO	· · · · · · · · · · · · · · · · · · ·						-
(Depth(mm)	· · · · ·						-
(Width(mm)):)						
(Total Numbe	er of Bearing F	Piles : 6:6	5)				
Piles Detail R	atings						
	N (count)	1 (coun	nt)	2 (count)	3 (cou	unt)	
Last							
Now							
Pier Shaft/Pile	es				8	8	
Greatest He	eiaht (m)	4.	.00				
Bracing/Struts					8	8	
Nose Plate					X	X	
Paint/Coating	I				8	8	
(Colour Des							1
(Colour Cod							1
Pier Stability					8	8	
i lei Gtabiiity					0		

Alberta Transportation

Bridge Component	I	Last		
Coour		Lαδι	Now	Explanation of Condition
Scour		8	8	
Debris (Y/N) No				
Substructure General Rating		5	5	
		S	tructu	re Usage
			Now	Explanation of Condition
Channel				
(U/S Direction : E)				
(D/S Direction : W)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N) No				
Slope Protection		7	7	South headslope toe only.
(Type : RIP RAP; RIP RAP)				Class 1m.
Guidebank/Spurs		Х	X	
Adequacy of Opening		8	8	
(Fish Compensation Measure 1 : NO	NE)			
(Fish Compensation Measure 2 : NO	NE)			
Channel General Rating		7	7	

					Maintenan	<u>ce Recom</u>	nmenda	ations						
Inspector Recommendations	Ye	ear	Inspecto	or Commen	ts			Department Co	ommer	nts		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														
REPAIR/REPLACE TIMBER CAPS														
REPAIR ABUTMENT SCOUR/EROSIC	ON													
PLACE ADDITIONAL RIP RAP														
REMOVE DRIFT ACCUMULATION														
INSTALL STRUTS														
OTHER ACTION	202	11	Reinstall	l hazard ma	arkers to me	et standa	rd.							
OTHER ACTION	201	11	Repair N	W approad	ch rail.									
OTHER ACTION	201	11	Patch po	otholes in b	oth approad	ches.								
OTHER ACTION														
Structural Condition Rating (Last/No.	ow) 55.	6.6/55.0	6	Sufficien (%)	cy Rating (Last/Now)) 5	8.0/58.0	Es	t. Repl. Yr	2057	Maint. Rec	qd. (Y/N)	Yes
Structural Condition Rating (Last/No	ow) 55.	5.6/55.0	6	Sufficien (%)	cy Rating (Last/Now)) 5	8.0/58.0 Department Comments	Es	t. Repl. Yr	2057	Maint. Red	qd. (Y/N)	Yes
Structural Condition Rating (Last/No (%) Special Comments for Next Inspection	ow) 55.	5.6/55. (6	Sufficien (%)	cy Rating (Last/Now)) 5	Department	Es	t. Repl. Yr		Maint. Red		Yes
Structural Condition Rating (Last/No (%) Special Comments for	ow) 55.	5.6/55.(6	Sufficien	cy Rating (Last/Now)) 5	Department Comments	Es	t. Repl. Yr				Yes
Structural Condition Rating (Last/No. (%) Special Comments for Next Inspection Maintenance Reviewed By	ow) 55.	5.6/55.(6	Sufficien	cy Rating (Last/Now)) 5	Department Comments	Es	t. Repl. Yr				Yes
Structural Condition Rating (Last/No. (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy	ow) 55.	5.6/55.0	6	Sufficien	cy Rating (Last/Now)) 5	Department Comments	Es	t. Repl. Yr				Yes
Structural Condition Rating (Last/No. Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action	ow) 55. Stew Haga		6	Sufficien (%)	cy Rating (Department Comments		t. Repl. Yr				Yes
Structural Condition Rating (Last/No. Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name	Stew Haga	an	6	Sufficien (%)	cy Rating (Pre	evious A	Department Comments Date						Yes
Structural Condition Rating (Last/No. Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action Previous Inspector's Name Next Inspection Date		an	6	Sufficien (%)	cy Rating (Pre	evious A	Department Comments Date		Kris Bosters				Yes