						В	ridge Ir	nspect	tion						
Bridge File Num	ber	75820 -2	2 Bridge						Туре			PCS			
Year Built/Year		2010/20	09					Lot No.				4			
Supstr								Inspe	Inspector Name			Garry Roberts			
Bridge or Town I	Name								Inspector Class			BR CLS A			
Located Over			RIGATIO		TERCR	CRS-IC			Assistant Name						
Located On		791:02 C1 10.577							Assistant Class						
Water Body CI./	Year							Inspe	ection [	Date		18-Jul-2012			
Navigabil. Cl./Ye	ear							· ·	Entry			Kelsey Robe	erts		
Legal Land Loca	ation	NW SEC 31 TWP 23 RGE 27 W				W4M			Data Entry Date			23-Aug-2012			
Longitude, Latitu	lde	-113:46:21, 51:00:09							Reviewer Name			Ash Morjaria			
Road Authority		Alberta	Transport	ation (Al	T)			Revie	ew Dat	e		, 28-Jul-2012			
Contract Main. A	t Main. Area CMA30											Tim Davies			
Clear Roadway/	Skew	11.2 / -3	0 deg. (Ll	HF)				· ·		w Date		24-Aug-2012	2		
AADT/Year		2,020/2	2011 (A)					<u> </u>	w-Up E				_		
Road Classificat	tion	RCU-21	1.0-110												
Detour Length (k	km)	3													
Allowable Load (	(t): Sir	ngle CS	1 28		Semi	CS	62 49			Train	CS	3 62		> On Critical Spans >Critical Member	
Design Loading: CL800					·								> Primary Span		
						Po	osting Ir	nforma	ation			1			
Required Load F	Posting	) (t)		Single				S	Semi				Truc	k Train	
Posted Loading	(t)			Single				s	Semi				Truc	k Train	
Posted:	Lane					Y/N)		In Advance (Y/N)				At Bridge (Y/N)			
Usieu.	Lane	VVD		At Junc	tion (Y/N	1)		Ir	n Adva	ance (Y/N	۷)		At B	ridge (Y/N)	
Posted:	Lane	EB			tion (Y/N tion (Y/N	-				ance (Y/N ance (Y/N	<i>.</i>			ridge (Y/N) ridge (Y/N)	
Posted:	Lane				· · ·	-				· · · ·	<i>.</i>				
Posted: Remarks	Lane Not re	EB	Yes		· · ·	-				· · · ·	<i>.</i>				
Posted: Remarks Hazard Marker A	Lane Not re	EB	Yes		· · ·	-				· · · ·	<i>.</i>				
Posted: Remarks Hazard Marker A Remarks	Lane Not re At Brid	EB	Yes		· · ·	-				· · · ·	<i>.</i>				
Posted:	Lane Not re At Brid	EB	Yes		· · ·	1)	ilities (L	lr	n Adva	· · · ·	<i>.</i>				
Posted: Remarks Hazard Marker A Remarks Other Sign Type	Lane Not re At Brid	EB	Yes		· · ·	1)	ilities (L	lr	n Adva	· · · ·	<i>.</i>				
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer	Lane Not re At Brid	EB equired ge (Y/N)	Yes		· · ·	1)	ilities (L	lr	n Adva	· · · ·	<i>.</i>				
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone	Lane Not re At Bridges	EB equired ge (Y/N) Row	Yes		· · ·	1)	ilities (L	Ir .ocate	n Adva		N)	line - East ro	At B		
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power	Lane Not re At Brid es nts West Eaat I	EB equired ge (Y/N) Row			· · ·	1)	ilities (L	.ocate Gas Munic	n Adva	ance (Y/N	N)	line - East ro	At B		
Posted: Remarks Hazard Marker <i>A</i> Remarks Other Sign Type Utility Attachmer Telephone Power Others	Lane Not re At Brid es nts West Eaat I	EB equired ge (Y/N) Row Row			· · ·	1)	ilities (L	.ocate Gas Munic	n Adva ed at) cipal	ance (Y/N	N)	line - East ro	At B		
Posted: Remarks Hazard Marker <i>A</i> Remarks Other Sign Type Utility Attachmer Telephone Power Others	Lane Not re At Brid es nts West Eaat I	EB equired ge (Y/N) Row Row			· · ·	Uti	ilities (L	Gas Munic Probl	n Adva ed at) cipal lem (Y	ance (Y/N	N)	line - East ro	At B		
Posted: Remarks Hazard Marker A Remarks	Lane Not re At Brid es nts West Eaat I	EB equired ge (Y/N) Row Row			tion (Y/N	Uti		Gas Munic Probl	n Adva ed at) cipal lem (Y,	ance (Y/N	N)		At B		
Posted: Remarks Hazard Marker <i>A</i> Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks	Lane Not re At Bridges Mest Eaat I Fibre	EB equired ge (Y/N) Row Row			tion (Y/N	Uti	Approa	Gas Munic Probl	n Adva ed at) cipal lem (Y, ad anatio	N) No	N)		At B		
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others	Lane Not re At Brid es West Eaat I Fibre	EB equired ge (Y/N) Row Row			tion (Y/N	Uti	Approa	Gas Munic Probl	n Adva ed at) cipal lem (Y, ad anatio	N) No	N)	ion	At B		
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignme	Lane Not re At Bridges West Eaat I Fibre ment ent	EB equired ge (Y/N) Row Row			tion (Y/N	Uti ast 8	Approa Now 8	Gas Munic Probl Ch Roa Expla	n Adva ed at) cipal lem (Y, ad anatio I Road	N) No	ndit	ion	At B	ridge (Y/N)	
Posted: Remarks Hazard Marker <i>A</i> Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignme Roadway Width	Lane Not re At Bridges West Eaat I Fibre ment ent (m)	EB equired ge (Y/N) Row Row	st row		tion (Y/N	Uti ast 8	Approa Now 8	Gas Munic Probl Ch Roa Expla	n Adva ed at) cipal lem (Y, ad anatio I Road	N) No	ndit	ion 150m south	At B	ridge (Y/N)	
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignre Roadway Width Approach Bump	Lane Not re At Bridges West Eaat I Fibre ment ent (m)	EB equired ge (Y/N) Row Row	st row		tion (Y/N	Uti ast 8 8	Approa Now 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	ridge (Y/N)	ondition
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignme Roadway Width Approach Bump Guardrail (Y/N)	Lane Not re At Bridges Mest Eaat I Fibre ment ent (m)	EB equired ge (Y/N) Row Row	st row 9.100		tion (Y/N	Uti ast 8 8	Approa Now 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	nds	pndition
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignme Roadway Width Approach Bump Guardrail (Y/N)	Lane Not re At Bridges Mest Eaat I Fibre ment ent (m)	EB equired ge (Y/N) Row Row	st row 9.100		tion (Y/N	Utt ast 8 8 8	Approat Now 8 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	nds	pndition
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignre Roadway Width Approach Bump Guardrail (Y/N) Guardrail	Lane Not re At Bridges West Eaat I Fibre ment (m)	EB equired ge (Y/N) Row optics ea	st row 9.100 Yes		tion (Y/N	Utt ast 8 8 8	Approat Now 8 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	nds	ondition
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Standa	Lane Not re At Bridges West Eaat I Fibre ment (m)	EB equired ge (Y/N) Row optics ea	9.100 Yes 93.000	At Junc	tion (Y/N	Utt ast 8 8 8	Approat Now 8 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	nds	pndition
Posted: Remarks Hazard Marker A Remarks Other Sign Type Utility Attachmer Telephone Power Others Remarks Horizontal Alignre Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m)	Lane Not re At Bridges West Eaat I Fibre ment (m)	EB equired ge (Y/N) Row optics ea	st row 9.100 Yes 93.000 Yes	At Junc	tion (Y/N	Utt ast 8 8 8	Approat Now 8 8 8	Gas Munic Probl Ch Roa Local	n Adva ed at) cipal lem (Y, anatio I Road of new	n of Cor intersec	ater ndit	ion 150m south tion paving b	At B	nds	pndition

Superstructure       Bridge Component     Last     Now     Explanation       (Primary Span : SLC, 3 Spans, Lengths(m): 10-12-10, A-Ident Number: )     Description     Description	ion of Condition
(Primary Span : SLC, 3 Spans, Lengths(m): 10-12-10, A-Ident Number: )	
Special Features	
Special Feature X	
(Туре:)	
Special Feature X	
(Туре:)	
Wearing Surface/Deck Top Detail Ratings	
N (%) 1 (%) 2 (%) 3 (%)	
Last 0 0 0 0	
Now 0.0 0.0 0.0 0.0	
Wearing Surface 9 8	
(Material Type : CONCRETE)	
(Thickness(mm) : <b>70</b> )	
Lateral Connection Problem No	
(Y/N)	
Deck Top N N	
Deck Rideability 9 9	
	awcuts both ends
Bump (Y/N) No	
Deck Drainage 8 8	
Drains Clogged (Y/N) No	
Curbs/Median 9 9	
(Curb Type : <b>Standard</b> )	
Scaling (Percent Area) 0	
Bridge Rail 9 9	
(Type : GALVANIZED STEEL BRIDGE TUBE)	
Bridge Rail Posts 9 9	
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)	
Bridge Rail/Posts Coating 9 9	
(Type : GALVANIZED)	
Sidewalk X X	
Girder Detail Ratings	
N (count) 1 (count) 2 (count) 3 (count)	
Last 0 0 0 0	
Now 0 0 0 0	
Girders 9 9	
Last Complete Inspection Date 18-Jul-2012	
Cracking (Y/N) No	
Spalling (Percent Area) 0	
Lift or Connector Pocket Yes Grouted (Y/N)	
(Number Of Girders : 10)	
Span Alignment Problems	
Vertical (Y/N) No	
Horizontal (Y/N) No	
Superstructure General Rating 9 9	

Alberta Transportation

					Subst	ucture	Į
Bridge Comp	onent			Last	Now	Explanation of Condition	
Abutments							
(Extended E	ackwall Pile	s (Y/N) : <b>N</b> )					
(Extended E	ackwall Piles	s Spacing(mm	n):)				
(Total Numbe	r of Caps/Co	orbels : <b>1:1</b> )					
Bearing Seats	/Caps/Corbe	els Detail Ratir	ngs				
	N (count)	1 (count)	2 (count)	3 (cou	unt)		
Last	0	0	0		0		
Now	0	0	0		0		
Bearing Seats	/Caps/Corbe	els		9	9		
(Type : <b>CON</b>	ICRETE)						
(Depth(mm)	: <b>1000</b> )						
(Width(mm)	: 650)						
Backwalls/Bre	astwalls			9	9		
Greatest He	ight (m)	1.30					
Wingwalls				9	9		
(Total Numbe	•	Piles : <b>9:9</b> )					
Piles Detail Ra							
	N (count)	1 (count)	2 (count)	3 (cou	unt)	Buried	
Last	18	0	0		0		
Now	18	0	0	_	0		
Piles				N	N		
Paint/Coating				9	9		
Abutmant Ot-	bility			0	0		
Abutment Stal	onity			9	9		
Scour/Erosion				8	8		
							_
Piers/Bents							
· • •	R-COLUMN)						
(Total Numbe	•	,					
Bearing Seats							
	N (count)	1 (count)	2 (count)	3 (cou			
Last	0	0	0		0		
Now	0	0	0		0		
Bearing Seats	/Caps/Corbe	els		9	9		
(Type : <b>CON</b>	ICRETE)						
(Depth(mm)	: 1000)						
(Width(mm)	· · · · · · · · · · · · · · · · · · ·						
(Total Numbe	· · · · · · · · · · · · · · · · · · ·	Piles : <b>5:5</b> )					
Piles Detail Ra		- /					
	N (count)	1 (count)	2 (count)	3 (cou	unt)		
Last	0	0	0		0		
Now	0	0	0		0		
Pier Shaft/Pile				9	9		
Greatest He		2.70			5		
Bracing/Struts		2.10		X	X		
	"oneuring						
Nose Plate				X	X		
Paint/Coating				8	8	Galvanized pier piles. pigm	nented
(Colour Des	cription : )						
(Colour Cod	· · · · · · · · · · · · · · · · · · ·						

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability			9	
Scour		8	8	
Debris (Y/N)	No			
Substructure General Rating		99		
		S	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Canal has gentle bend 100m D/S
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		8	8	
HWM (m below Top of Curb)				No visible HWM
Drift (Y/N)	No			
Slope Protection		8	8	
(Type : <b>RIP RAP; RIP RAP</b> )				
Guidebank/Spurs		X	X	
Adequacy of Opening			8	
(Fish Compensation Measure 1	NONE)			
(Fish Compensation Measure 2	NONE)			
Channel General Rating		7	7	

			Main	tenance Re	commend	ations						
Inspector Recommendations	Year	Inspecto	or Comments			Department Co	ommen	ts		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/EROSIO	N											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
INSTALL STRUTS												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/Nov (%)	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) 8	32.8/82.8	Est	. Repl. Yr	2085	Maint. Rec	qd. (Y/N)	No
Structural Condition Rating (Last/Nov	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) 8	32.8/82.8 Department Comments	Est	. Repl. Yr	2085	Maint. Red	qd. (Y/N)	No
Structural Condition Rating (Last/Nor (%) Special Comments for Next Inspection	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) 8	Department	Est	. Repl. Yr		Maint. Red		No
Structural Condition Rating (Last/Nor (%) Special Comments for	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) 8	Department Comments	Est	. Repl. Yr				No
Structural Condition Rating (Last/Nor (%)     Special Comments for Next Inspection     Maintenance Reviewed By	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) E	Department Comments	Est	. Repl. Yr				No
Structural Condition Rating (Last/Nor (%)     Special Comments for Next Inspection     Maintenance Reviewed By     Proposed Long-Term Strategy	w) 100.0/1	00.0	Sufficiency Ra (%)	ting (Last/N	low) f	Department Comments	Est	. Repl. Yr				No
Structural Condition Rating (Last/Nor (%)     Special Comments for Next Inspection     Maintenance Reviewed By     Proposed Long-Term Strategy     On 3-Year Program (Y/N)     Proposed Action	w) 100.0/1 Garry Roberts	00.0	Sufficiency Ra (%)	ting (Last/N		Department Comments		. Repl. Yr				No
Structural Condition Rating (Last/Nor (%)     Special Comments for Next Inspection     Maintenance Reviewed By     Proposed Long-Term Strategy     On 3-Year Program (Y/N)     Proposed Action     Previous Inspector's Name		00.0	Sufficiency Ra (%)	ting (Last/N	Previous	Department Comments Date	e	28-Jul-2010				No
Structural Condition Rating (Last/Nor (%)     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	Garry Roberts	00.0	Sufficiency Ra (%)	ting (Last/N	Previous	Department Comments Date	e					No