Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal									Bridge I	nene	ction							
Vear Built/Year   1970/1970	Bridge File Numb	ner	7665	i8 -1 Brida	Δ			_	oriuge i				PSR					
Inspector Name										· · · · · · · · · · · · · · · · · · ·								
Inspector Class																		
Located Over	Bridge or Town Name MORLEY									·			i -					
Located On	Located Over 1:04 L1 16.723;1:04 R1 16.688					.688	1			·			DICOLO A					
Inspection Date   10-Feb-2012	Located On		2501	4:02 C1 0	.157													
Navigabil, Cl./Year Legal Land Location NE SEC 24 TWP 25 RGE 7 W5M Longitude, Latitude -114:50:36, 51:08:52 Reviewer Name Tom Carey Review Name Tim Davies Dept. Review Name Tim Davies Dept. Review Date 22-Feb-2012 Dept. Reviewer Name Tim Davies Dept. Review Date 22-Mar-2012 Pept. Reviewer Name Tim Davies Dept. Review Date 22-Mar-2012 Pept. Reviewer Name Tim Davies Dept. Review Date 22-Mar-2012 Pept. Reviewer Name Tim Davies Dept. Review Date 22-Mar-2012 Pept. Reviewer Name Tim Davies Dept. Review Date 22-Mar-2012 Pept. Reviewer Name Tim Davies Dept. Reviewer Name Tim Davies Tim Davies Dept. Reviewer Name Tim Davi	Water Body CI./Y	⁄ear												10-Feb-2012				
Legal Land Location	Navigabil. Cl./Year									·								
Longitude, Latitude -114:50:36, 51:08:52 Road Authority Alberta Transportation (AIT) Road Authority Alberta Transportation (AIT) Contract Main. Area Clear Roadway/Skew 8.5 / 9 deg. (RHF) AADT/Year 1,000 / 1988 (E) Road Classification Detour Length (km) 3 Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 GIRDER> On Critical Spans Design Loading: HS20 Posting Information Required Vert. Clearance Posting (m) Posted Vertical Clearance (Y/N) Yes Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes Remarks Confirmed vertical posting is accurate Sept 16, 2010 Required Load Posting (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required Hazard Marker At Bridge (Y/N) No Remarks Not required Utility Attachments Telephone All through the area. Gas Power North side.						7 W5M												
Road Authority Alberta Transportation (AIT)  Contract Main. Area CMA28  Clear Roadway/Skew 8.5 / 9 deg. (RHF)  Road Classification RLU-208-100  Detour Length (km) 3  Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 SIRDER										·								
Contract Main. Area   CMA28   Dept. Reviewer Name   Tim Davies   Dept. Reviewer Name   Tim Davies   Dept. Reviewer Name   Dept. Review Date   Dept	Road Authority		Alber	rta Transp	ortati	ion (AIT	Γ)							1				
Clear Roadway/Skew 8.5 / 9 deg. (RHF)  AADT/Year 1,000 / 1988 (E)  Road Classification RLU-208-100  Detour Length (km) 3  Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 GIRDER> On Critical Spans CS2 62 Train CS3 76 GIRDER> Critical Member CS3 76 GIRDER> CRITICAL MEMBER> CRITICAL MEMBER> CRITICAL MEMBER> CRITICAL MEMBER> CS3 76 GIRDER> CRITICAL MEMBER>																		
AADT/Year Road Classification RLU-208-100  Detour Length (km) 3  Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 GIRDER> On Critical Spans> Critical Member> Critical Member																		
Road Classification RLU-208-100  Detour Length (km) 3  Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 GIRDER> On Critical Spans GIRDER  Design Loading: HS20> Primary Span Fosting Information  Required Vert. Clearance Posting (m) UNDER: 1 L 1 5.3m, 1 R 1 5.2m  Posted Vertical Clearance (Y/N) Yes  Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes  Required Load Posting (t) Single Semi Truck Train Posted Loading (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required	AADT/Year 1,000 / 1988 (E)											110	ZZ-IVIdI-ZU I Z					
Allowable Load (t): Single CS1 35 Semi CS2 62 Train CS3 76 SIRDER> On Critical Spans> Critical Member> On Critical Spans> Critical Member> On Critical Member										ow op	_,							
Design Loading: HS20  Posting Information  Required Vert. Clearance Posting (m) UNDER: 1 L1 5.3m, 1 R1 5.2m  Posted Vertical Clearance (Y/N) Yes  Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes  Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Utility Attachments  Telephone All through the area.  Power North side.  Gas  Municipal	Detour Length (k	m)	3															
Posting Information  Required Vert. Clearance Posting (m) UNDER: 1 L1 5.3m, 1 R1 5.2m  Posted Vertical Clearance (Y/N) Yes  Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes  Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Utilities (Located at)  Utilities (Located at)  Utility Attachments  Telephone All through the area.  Power North side.						Semi	C	S2 62			Train				> On Critical Spans			
Posting Information  Required Vert. Clearance Posting (m) UNDER: 1 L1 5.3m, 1 R1 5.2m  Posted Vertical Clearance (Y/N) Yes  Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes  Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Utilities (Located at)  Utility Attachments  Telephone All through the area.  Power North side.	Danier I "	., 6										GI	KDER					
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Posted Vertical Clearance (Y/N) Yes  Posted: Lane EB On Bridge (m) 5.2 In Advance (Y/N) Yes Lane WB On Bridge (m) 5.3 In Advance (Y/N) Yes  Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Utilities (Located at)  Utility Attachments  Telephone All through the area.  Power North side.	Paguired Vert C	looron	oo Do	nating (m)		INIDED	. 1   1 5				nation							
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Remarks Confirmed vertical posting is accurate Sept 16, 2010  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No  Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area.  Gas  Power North side.  Municipal					n Advon		(X/NI)	Vaa	Long	WD		In Dridge (m)	F 2	In Advance	/\//NI\	Vac		
Required Load Posting (t)  Single  Semi  Truck Train  Truck Train  Truck Train  Posted:  Lane  NB  At Junction (Y/N)  No  In Advance (Y/N)  No  At Bridge (Y/N)  No  Remarks  Not required  Hazard Marker At Bridge (Y/N)  No  Remarks  Not required  Utilities (Located at)  Utility Attachments  Telephone  All through the area.  Gas  Power  North side.								, ,		Lane	VVD		n briage (III)	5.3	in Advance	( 1/IN)	Yes	
Posted Loading (t)  Single  Semi  Truck Train  Posted:  Lane  NB  At Junction (Y/N)  No  In Advance (Y/N)  No  At Bridge (Y/N)  No  Remarks  Not required  Hazard Marker At Bridge (Y/N)  No  Remarks  Not required  Utilities (Located at)  Utility Attachments  Telephone  All through the area.  Power  North side.  Semi  Truck Train  Truck Train  Truck Train  Truck Train  Truck Train  No  At Bridge (Y/N)  No  Remarks  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone  All through the area.  Municipal						nate Se	ρι	10, 2010		C =:				Turrel	. Tunin			
Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Utilities (Located at)  Utility Attachments  Telephone All through the area.  Power North side.  In Advance (Y/N) No At Bridge																		
Posted: Lane SB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required  Hazard Marker At Bridge (Y/N) No Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas Power North side. Municipal						Nia				Nie			Nia					
Remarks Not required  Hazard Marker At Bridge (Y/N) No  Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal					•				` <i>'</i>			3 ( )						
Hazard Marker At Bridge (Y/N) No Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas Power North side. Municipal						At Junct	Junction (1/N)   NO			in Advance (1/N)			INO	At Br	iage (Y/N)	INO		
Remarks Not required  Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal								_										
Other Sign Types  Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal		t Briag	ge (Y/															
Utilities (Located at)  Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal																		
Utility Attachments  Telephone All through the area. Gas  Power North side. Municipal	Other Sign Types	5						H	tilities (	000	tod at)							
Telephone All through the area. Gas Power North side. Municipal	Litility Attachmen	ite						U	illities (	_UCa	ieu ai)							
Power North side. Municipal			ouah :	the area						Gas								
	·			ino arca.														
	Others							•	//NI)	Nο								
Remarks										1 10	210111 (1	, 14)	1110					
Approach Road	Nomano								Approa	ch R	oad							
Last Now Explanation of Condition							La					n of	Condi	tion				
Horizontal Alignment 6 6	Horizontal Alignment						<u> </u>											
Vertical Alignment 6 6					6	6												
Roadway Width (m) 8.500																		
Approach Bump 6 6				6	6													
Guardrail (Y/N) Yes Short laps at NW, SE, SW. Minor damage at NW.						Sho	ort laps	at NV	V, SE,	SW. Minor da	amage	at NW.						
Guardrail 4 4 Missing isolated splice bolts				4	4	Mis	singiso	lated	splice	bolts	ŭ							
Length (m) 70.000 Not thriebeam	Length (m)			70.0	00					Not	thriebe	am						
Current Standard (Y/N) No		ard (Y/I	N)	No														
Termination Type TURNED DOWN END	Termination Ty	ре				DOWN	١											
Drainage 7 7	Drainage							7	7								_	
Approach Road General Rating 7 6	Approach Road	Gene	ral Ra	ating				7	6									

					Supers	tructure				
Bridge Component				Last		Explanation of Condition				
(Primary Span: FC, 2 Spans, Lengths(m): 33.5-33.5,					t Numb	per: )				
Special Features					_					
Special Feature					7	Dwydag bars				
(Type : EXT LATER P	OST TEN	S)				Pedestrian fenceing on bridgerail				
Special Feature					4	3 damaged posts at NE corner of Sp.1 and 6 at SW of Sp. 1				
(Type:)										
Wearing Surface/Deck T	op Detail I	Ratings	<b>S</b>							
N (%)	1 (%)		2 (%)	3 (%)						
Last 0	(	0	0		0					
<b>Now</b> 0.0	0	.0	0.0	C	0.0					
Wearing Surface				7	7	Fibre Rein /Concrete				
(Material Type : CONC	RETE)									
(Thickness(mm): 50)										
Lateral Connection Problem No (Y/N)										
Deck Top				N	N					
Deck Rideability				7	7					
Deck Joints				7	6	FINGER PLATE @ N abut gland @ pier & S abut.				
Temperature (deg. C) -12					<u> </u>	Perforation in NE curb corner plate.				
(Expansion Type : GLAND (WABO-MAUER, TRANS ETC); FINGER PLATES)										
(Fixed Type : )										
Gap Size (mm) Gap Location										
70 N ABUT										
80 PIER										
75	S ABL	JT								
Deck Drainage			6	4	SE retrofit extension is detached from drain.					
Drains Clogged (Y/N)	1	No								
Curbs/Median				3	3	250 x 100 hole at SW corner. Spalls at SE and SW				
(Curb Type : Standard)										
Scaling (Percent Area) 1										
Bridge Rail					7	Several nost A/B nuts are just flush				
(Type : STEEL BRIDGE TUBE)						Several post A/B nuts are just flush. MINOR Corrosion @ bases				
Bridge Rail Posts				7	6					
(Type : GALVANIZED STEEL)	POST ST	EEL;G	ALVANIZED	POST						
Bridge Rail/Posts Coating				5	5					
(Type:)										
Sidewalk				Х	Х					
Girder Detail Ratings			l							
N (count)	1 (cou		2 (count)	3 (cou		Lateral stressing of girders.				
Last 0		0	0		0					
Now 0		0	0		0					
Girders				5	5	Narrow WIDTH CRACKS IN GIRDER UNDERSIDE NEAR ENDS (TYPICAL FC).				
Cracking (Y/N)		Yes				Girder & minor spall.				
Spalling (Percent Area		)				Longitudinal crack @ exterior @ SE Coating peeled @ girder patch @ SW				
(Number Of Girders : 12)	)					Minor high load damge @ SW fascia girder Sp. 2				

				structure				
Bridge Component		Last	Now	· •				
(Primary Span : FC, 2 Spans, Le	ngths(m): 33.5-33.5, /	A-Ident	t Numb	per: )				
Diaphragms/Cross Frame		7	7					
Bearings		7	7	Bearings are connected over pier				
Temperature (deg. C)	-12							
(Expansion Type : REINFORCI TEFLON AND STAINLESS ST	ED NEOPRENE BEAR 'EEL)	ING W	/ITH					
		WITH						
Coating Adequate (Y/N)	Yes							
Functioning (Y/N)	Yes							
Deck Underside		7	7					
Stains (Percent Area)	1							
<u> </u>								
Stains (Percent Area)  Span Alignment Problems  Vertical (Y/N)  Horizontal (Y/N)  Superstructure General Rating  Bridge Component  Abutments  Bearing Seats/Caps  (Type: CONCRETE)  Backwalls/Breastwalls  Wingwalls								
	nctioning (Y/N)  k Underside ains (Percent Area)  n Alignment Problems rical (Y/N)  rizontal (Y/N)  No rizontal (Y/N)  Restructure General Rating  ge Component  ments ing Seats/Caps //pe : CONCRETE)  twalls/Breastwalls  gwalls  t/Coating  ment Stability  ur/Erosion  s/Bents							
Horizontal (Y/N)  Superstructure General Rating  Bridge Component  Abutments  Bearing Seats/Caps  (Type : CONCRETE)		5	5					
			Subst	ructure				
Bridge Component		Last	Now	Explanation of Condition				
Abutments								
Bearing Seats/Caps		7	7					
(Type : <b>CONCRETE</b> )								
Backwalls/Breastwalls		6	6					
Wingwalls		6	6					
Piles		N	N	Buried.				
Paint/Coating		4	4	Pigmented sealer- peeling at wings.				
Piles		8	8					
Piles  Paint/Coating  Abutment Stability  Scour/Erosion  Piers/Bents		Х	Х					
Piers/Bents								
(Type : <b>PIER-COLUMN</b> )				Corrosion crack at West end of pier				
(Type : PIER-COLUMN)		6	6					
(Type : <b>CONCRETE</b> )								
(Total Number of Bearing Piles :	0)							
Pier Shaft/Piles		7	7					
Bracing/Struts/Sheathing		X	X					
Nose Plate		Х	Х					
Paint/Coating		6	5	Pigmented sealer				
(Colour Description : )								
(Colour Code : )								
Pier Stability		8	8					
Scour		Х	Х					
Debris (Y/N)	No							
Substructure General Rating		6	6					

		S	tructu	re Usage
	L			Explanation of Condition
Grade Separation				
Road Alignment		8	8	
Traffic Safety Features		4	4	Wrong lap at NW and SE
Туре	GUARDRAIL			
Slope Protection		7	7	
(Type : CONCRETE; CONCRE	TE)			
Bank Stability		7	7	
Drainage			7	
Grade Separation General Ration	ng	4	4	

		Maintenance R	ecommend	ations					
Inspector Recommendations	Year	Inspector Comments		Department Comr	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2012	Replace 9 galvanized safety fence	posts.						
GALVANIZE/PAINT BRIDGE RAIL									
SEAL CURBS	2012	Repair curb hole and spalls approx	1.5m2.						
PATCH DECK									
SEAL DECK									
OVERLAY DECK									
REPAIR/REPLACE DECK JOINTS									
RESET/ PAINT BEARINGS									
WASHING									
SHOTCRETE REPAIRS									
REPAIR ABUTMENT SCOUR/EROS	ON								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
OTHER ACTION	2012	Install 2 sect of flexbeam with correbolts @ SE/SW and NW.	ct lap &						
OTHER ACTION	2012	Reattach SE deck drain.							
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N	ow) 61.1/6	Sufficiency Rating (Last (%)	/Now) 6	63.5/63.5	Est. Repl. Yr	2035	Maint. Re	qd. (Y/N)	Yes
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date			Estimated Total	1 0	
Proposed Long-Term Strategy						·			
On 3-Year Program (Y/N)									
Proposed Action									
	Garry Roberts		Previous A	Assistant's Name					
Previous Inspector's Name	Garry Roberts			Assistant's Name	16-Sen-2010	)			
Previous Inspector's Name Next Inspection Date	10-Nov-2013			Assistant's Name	16-Sep-2010	)			
Previous Inspector's Name					16-Sep-2010	)			