Bridge File Number   77091 W-2 Bridge   Form Type   PSR								Bridge I	nsne	ection							
Vear Built/Year   1370/1970   Lot No.   4	Bridge File Number 77091 W-2 Bridge					Jilago											
Bridge or Town Name								71									
Bridge or Town Name   CHESTERMERE   Located Over   14.08 Lt 4.3991	Supstr						Ins			-							
Located Over	Bridge or Town Name CHESTERN			ERMERE									BR CLS A				
Navigabil. CI/Year   Navigabil. CI/Year   Navigabil. CI/Year   Navigabil. CI/Year   Navigabil. CI/Year   Navigabil. CI/Year   Data Entry By   Anne Roberts   Data Entry Date   28-Mar-2012   Data Entry Date   28-Mar-2012   Data Entry Date   28-Mar-2012   Data Entry Date   Data Entry Data Entry Date   Data Entry Data Entry Date   Data Entry Date   Data Entry Date   Data Entry Data Entry Data   Data Entry Data Entry Data   Data Entry Data Entry Data   Data Ent	Located Over 1A:08 L1 4			_1 4.399;1	A:08 R1	4.397				•							
Navigabil. CL/Year   Legal Land Location   Land Land Location   Land Land Land Location   Land Land Land Land Land Land Land Land	Located On 1:10 L1 9.			9.775					As	sistant C	lass						
Legal Land Location   Longitude, Latitude   Allia Latitue   Allia Latitue   Allia Latitue   Allia Latitue	Water Body Cl./Year								Ins	pection	Date		03-Mar-2012	2			
Longitude, Latitude	Navigabil. Cl./Year								Da	ta Entry	Ву		Anne Robert	is			
Longitude, Laittude	Legal Land Loca	tion	SW SE	C 23 TWP	24 RGE	28 W	/4M		Da	ta Entry	Date		28-Mar-2012	2			
Review Date   12-Mar-2012	Longitude, Latitu	de	-113:48	3:44, 51:03	:09								Garry Rober	ts			
Clear Roadway/Skew   12.2 /	Road Authority		Alberta	Transport	ation (Al	T)			Re	view Da	te						
Clear Roadway/Skew   12.2 /	Contract Main. A	rea	CMA30	)					De	pt. Revie	ewer N	lame	Tim Davies				
AADT/Year   17,310 / 2011 (A)   RFD-412.4-130   Pollow-Up By	Clear Roadway/S	Skew	12.2 /							•				2			
Read   Read   Rep-412.4-130   Rep-412.4-130   Read   Rep-412.4-130   Required   Rep-412.4-130   Rep-412.4-13	AADT/Year		17,310	/ 2011 (A)						•							
Allowable Load (t): Single   CS1 38   GIRDER   CS2 49   Train   CS3 62  > Critical Spans   CS2 49   CS2 49   Train   CS3 62  > Critical Member   CS	Road Classificati	on	RFD-4	12.4-130						•	•						
Design Loading: HS20> Critical Member> Primary Span> Prosted: Lane EB		<u> </u>															
Design Loading:	Allowable Load (	t): Sin				Semi	i C	S2 49			Train				> On Critic	al Spa	ns
Required Vert. Clearance Posting (m) Posted Vertical Clearance (Y/N) Posted: Lane EB On Bridge (m) Required Load Posting on 77091 E W/B on 77091 WB Required Load Posting (t) Single Required Load Posting (t) Single Required Load Posting (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) Posted: Lane N	Dooign Loading:											GII	NUEK				
Required Vert. Clearance Posting (m)	Design Loading.		П	520			D	ostina	nfor	mation					> Pilillary	орап	
Posted Vertical Clearance (Y/N)	Required Vert C	learan	re Post	ina (m)	LINDER	2·1Δ I											
Posted:   Lane   EB						V. 17 V L	_1 0.2	-111, 1711	(10.	<b>2</b> 111							
Remarks E/B posting on 77091 E W/B on 77091 WB  Required Load Posting (t) Single Semi Truck Train  Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N)  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) Yes  Remarks  Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE  Telephone IN MEDIAN Gas  Power ATTACHED TO BOTH ABUTMENTS. Municipal  Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 6  Vertical Alignment 7 7  Guardrail (Y/N) Yes  Guardrail 4 4 4  Missing 4 splice bolts at SW and SE  Guardrail				<i>'</i>		In Adv	ance	(V/NI)	Vac	Lane	W/R		n Bridge (m)		In Advance	(Y/NI)	Vas
Required Load Posting (t) Single Semi Truck Train Posted Loading (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N) No Remarks Not Required Hazard Marker At Bridge (Y/N) Remarks Other Sign Types  Utilities (Located at) Utility Attachments Telephone IN MEDIAN Power ATTACHED TO BOTH ABUTMENTS. Others STREET LIGHTS. Remarks  Approach Road Last Now Horizontal Alignment Vertical Alignment For Adding In Missing 4 splice bolts at SW and SE Guardrail  Missing 4 splice bolts at SW and SE Guardrail								(1/14)	100	Lanc	1446		in Bridge (iii)		III / tavarioc	(1/14)	103
Posted Loading (t) Single Semi Truck Train  Posted: Lane NB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N)  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) Yes  Remarks  Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE  Telephone IN MEDIAN Gas  Power ATTACHED TO BOTH ABUTMENTS. Municipal  Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 6  Vertical Alignment 7 7  Roadway Width (m) 12.200  Approach Bump 7 7 7  Guardrail (Y/N) Yes  Missing 4 splice bolts at SW and SE  Guardrail				1177001 E		77001	****			Semi			Truck Train				
Posted: Lane NB At Junction (Y/N) In Advance (Y/N) At Bridge (Y/N) 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) Yes Remarks Other Sign Types  Utilities (Located at) Utility Attachments TELEPHONE UTILITIES-PHONE LINE Telephone IN MEDIAN Gas Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No Remarks  Approach Road Last Now Explanation of Condition  Horizontal Alignment 6 6 6 Vertical Alignment 7 7 7 Roadway Width (m) 12.200 Approach Bump 7 7 Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE Guardrail			(1)														
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) Yes  Remarks  Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE  Telephone IN MEDIAN Gas Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 7 7 7  Roadway Width (m) 12.200  Approach Bump 7 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail			NR				✓/NI\	/NI)									
Remarks Not Required Hazard Marker At Bridge (Y/N) Yes Remarks Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE Telephone IN MEDIAN Gas Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 6 Vertical Alignment 7 7 Roadway Width (m) 12.200  Approach Bump 7 7 Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE Guardrail						•					`		No			No	
Hazard Marker At Bridge (Y/N) Yes  Remarks  Other Sign Types  Utilities (Located at)  Utility Attachments   TELEPHONE UTILITIES-PHONE LINE   Telephone   IN MEDIAN   Gas   Power   ATTACHED TO BOTH ABUTMENTS.   Municipal   Others   STREET LIGHTS.   Problem (Y/N)   No  Remarks  Approach Road  Last   Now   Explanation of Condition  Horizontal Alignment   7 7 7   Roadway Width (m)   12.200   Approach Bump   7 7 7   Guardrail (Y/N)   Yes   Missing 4 splice bolts at SW and SE   Guardrail   4 4 4				1/1 <b>N</b> )	INU		III Auva	arice (	1/11)	INU	ALDI	liuge (1/14)	INO				
Remarks Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE  Telephone IN MEDIAN Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 Vertical Alignment 7 7 Roadway Width (m) 12.200  Approach Bump 7 7 Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail 4 4				Vac													
Other Sign Types  Utilities (Located at)  Utility Attachments TELEPHONE UTILITIES-PHONE LINE  Telephone IN MEDIAN Gas Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 Vertical Alignment 7 7  Roadway Width (m) 12.200  Approach Bump 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail		ιι Βπαί	<i>je</i> (1/14)	162													
Utility Attachments   TELEPHONE UTILITIES-PHONE LINE   Telephone   IN MEDIAN   Gas   Power   ATTACHED TO BOTH ABUTMENTS.   Municipal   Others   STREET LIGHTS.   Problem (Y/N)   No   Remarks   Approach Road   Last   Now   Explanation of Condition   Horizontal Alignment   7   7   Roadway Width (m)   12.200   Approach Bump   7   7   Guardrail (Y/N)   Yes   Missing 4 splice bolts at SW and SE   Guardrail   4   4																	
Utility Attachments   TELEPHONE UTILITIES-PHONE LINE   Telephone   IN MEDIAN   Gas   Power   ATTACHED TO BOTH ABUTMENTS.   Municipal   Others   STREET LIGHTS.   Problem (Y/N)   No   Remarks   Approach Road	Other Sign Types	3					U	tilities (	Loca	ated at)							
Telephone IN MEDIAN Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road Last Now Explanation of Condition  Horizontal Alignment 6 6 Vertical Alignment 7 7 Roadway Width (m) 12.200 Approach Bump 7 7 Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail	Utility Attachmen	ts TI	FLEPH(	ONE UTILI	TIES-PH	IONE		unuoo (	_000	atou ut)							
Power ATTACHED TO BOTH ABUTMENTS. Municipal Others STREET LIGHTS. Problem (Y/N) No  Remarks  Approach Road  Last Now Explanation of Condition  Horizontal Alignment 6 6 Vertical Alignment 7 7  Roadway Width (m) 12.200  Approach Bump 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail 4 4				J.112 0 1 121	0	.0112	\_		Ga	ıs							
Others         STREET LIGHTS.         Problem (Y/N)         No           Approach Road           Last Now Explanation of Condition           Horizontal Alignment         6         6           Vertical Alignment         7         7           Roadway Width (m)         12.200         7           Approach Bump         7         7           Guardrail (Y/N)         Yes         Missing 4 splice bolts at SW and SE           Guardrail         4         4																	
Approach Road   Last   Now   Explanation of Condition																	
Last   Now   Explanation of Condition							(1	, ,									
Last         Now         Explanation of Condition           Horizontal Alignment         6         6           Vertical Alignment         7         7           Roadway Width (m)         12.200         ————————————————————————————————————	rtomanto							Approa	ach F	Road							
Horizontal Alignment							Last										
Roadway Width (m) 12.200  Approach Bump 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail 4 4	Horizontal Alignn	nent					6										
Approach Bump 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail 4 4	Vertical Alignmen	nt					7	7									
Approach Bump 7 7  Guardrail (Y/N) Yes Missing 4 splice bolts at SW and SE  Guardrail 4 4				12.200													
Guardrail 4 4	Approach Bump						7	7									
Guardrail 4 4				Yes					Mis	ssing 4 s	plice b	olts a	at SW and SE				
	` ′	Guardrail				4	4		•								
	Length (m) 53.000																
Current Standard (Y/N) No Not thriebeam	- · · ·		No					Not thriel		lot thriebeam							
Termination Type TURNED DOWN ENDS	Termination Type TURNED DOWN																
Drainage 7 7	Drainage						7	7									
Approach Road General Rating 6 6	Approach Road	Gene	ral Rati	ng			6	6									

					Supers	tructure
Bridge Component					Now	Explanation of Condition
(Primary Spa	n : <b>FC, 2 Spar</b>	ns, Lengths(	m): 24.4-24.4,	A-Iden	per: )	
Special Feat	ures					
Special Featu	ıre			8	8	
(Type : UNI	DERSLUNG D	DIAPHR)				
Special Featu	ıre				X	
(Type:)						
	ace/Deck Top	Detail Rating	S			
	N (%)	1 (%)				
Last	0	0	0		0	
Now	0.0	0.0	0.0	(	0.0	
Wearing Surf	ace		•	8	8	New overlay in 2010
_	pe : CONCRE	ETE)				
(Thickness)	-					
	ection Problem	n No				
Deck Top				N	N	
Dook Top					'\	
Deck Rideabi	lity			8	8	
Deck Joints				8	N	Gravel covered
Temperatur	e (deg. C)	5				
-	Type : GLAN	D (WABO-M	AUER, TRANS	SFLEX,	ETC))	
	: GLAND (W					
Gap Size (r			Location			
73	,	S. ab				
70						
90		N. Al				
Deck Drainag	IE .			7	7	NO DRAINS
Drains Clog		No			,	
Curbs/Median			6	6		
	: Standard)					
		0				
				8	8	
	Bridge Rail			0	0	Isolated A/B nuts with less thank full thread
	(Type : BRIDGE TUBE)			1	1	
Bridge Rail Posts  (Type: GALVANIZED POST STEEL;GALVANIZED			POST	4	Paint over galvanizing	
STEEL) Bridge Rail/Posts Coating			6 5			
				6	5	
(Type : PAI	NI)					
Sidewalk				X	X	
Girder Detail	Ratings					
	N (count)	1 (count)	2 (count)	3 (co	unt)	
Last	0	0	0		0	
Now	0	0	0		0	
Girders				5	5	CRACKING AT GIRDER ENDS
Cracking (Y	/N)	Yes			, ,	TYPICAL OF F.C. GIRDERS
	ercent Area)	0				Narrow to medium width Rating increase due to strengthening
(Number Of C						
Transper Of C	Jii dolo . 10)					

			Supers	tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : FC, 2 Spans, Le	ngths(m): 24.4-24.4, /	A-Ident	t Numb	per: )
Diaphragms/Cross Frame		7	7	
Bearings		5	5	SS distortd from steel plate corrosion stress
Temperature (deg. C)	5			at abuts Bearings are tied over pier
(Expansion Type : REINFORC TEFLON AND STAINLESS ST	ED NEOPRENE BEAR 'EEL)	ING W	/ITH	at pier
(Fixed Type : REINFORCED N TEFLON AND STAINLESS ST	EOPRENE BEARING 'EEL)	WITH		
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		7	7	
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		5	5	
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Backwalls/Breastwalls		8	8	
Wingwalls		7	7	
Piles		N	N	Buried
Paint/Coating		5	5	Tar coating
Abutment Stability		8	8	
Bearings Temperature (deg. C)  (Expansion Type : REINFORCED NEOPRENE BEAR TEFLON AND STAINLESS STEEL)  (Fixed Type : REINFORCED NEOPRENE BEARING TEFLON AND STAINLESS STEEL)  Coating Adequate (Y/N) Yes Functioning (Y/N) Yes  Punctioning (Y/N) Yes  Deck Underside Stains (Percent Area) 0  Span Alignment Problems  Vertical (Y/N) No  Horizontal (Y/N) No  Superstructure General Rating  Bridge Component  Abutments  Bearing Seats/Caps (Type : CONCRETE)  Backwalls/Breastwalls  Wingwalls  Piles  Paint/Coating  Abutment Stability  Scour/Erosion  Piers/Bents (Type : PIER-COLUMN)  Bearing Seats/Caps (Type : CONCRETE) (Total Number of Bearing Piles : 5) Pier Shaft/Piles  Bracing/Struts/Sheathing  Nose Plate  Paint/Coating (Colour Description : ) (Colour Code : ) Pier Stability  Scour  Debris (Y/N) No		Х	Х	
Piers/Bents				
(Type : <b>PIER-COLUMN</b> )				
Bearing Seats/Caps		8	8	
(Type : <b>CONCRETE</b> )				
(Total Number of Bearing Piles :	5)			
Pier Shaft/Piles		8	8	
Bracing/Struts/Sheathing		Х	X	
Nose Plate		Х	Х	
Paint/Coating		7	7	
(Colour Description : )				
(Colour Code : )				
Pier Stability		8	8	
Scour		Х	Х	
Debris (Y/N)	No			
Substructure General Rating		8	8	

		S	tructui	re Usage
	L	.ast	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	
Traffic Safety Features		Χ	X	
Туре				
Slope Protection		7	7	
(Type : CONCRETE; CONCRE	ETE)			
Bank Stability		7	7	
Drainage		7	7	
Grade Separation General Rati	ng	7	7	

Bridge Inspection & Maintenance System (Web 2005)

		Maintenance	Recommend	lations					
Inspector Recommendations	Year	Inspector Comments		Department Comm	nents		Target Year	Est. Cost	Cat
REPAIR/REPLACE BRIDGE RAIL									
GALVANIZE/PAINT BRIDGE RAIL									
SEAL CURBS									
PATCH DECK									
SEAL DECK									
OVERLAY DECK									
REPAIR/REPLACE DECK JOINTS									
RESET/ PAINT BEARINGS									
WASHING									
SHOTCRETE REPAIRS									
REPAIR ABUTMENT SCOUR/EROSI	ION								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/N (%)	low) 72.2/72	Sufficiency Rating (Las (%)	st/Now)	60.5/60.0	Est. Repl. Yr	2045	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection	,	,		Department Comments			,		
Maintenance Reviewed By				Date			Estimated Tota	1 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Garry Roberts		Previous	Assistant's Name					
			D	Inconcetion Date	12-Oct-2010				
Next Inspection Date	03-Dec-2013		Previous	Inspection Date	12-001-2010				
Next Inspection Date Inspection Cycle (Default) (months)	03-Dec-2013 21		Previous	Inspection Date	12-001-2010				