						В	ridge Ir	nspect	tion							
Bridge File Number 77237 -1 B			<u> </u>					Form	Form Type PSR							
Year Built/Year									Lot No.			4				
Supstr									Inspector Name			Garry Roberts				
Bridge or Town	Name							Inspector Class			BR CLS A					
Located Over		BURNT WATER	ГІМВЕR (CRS-ST	CREEK,	3.106,			Assistant Name								
Located On		LOCAL F						Assistant Class								
Water Body Cl./	Year								Inspection Date 01-Mar-2012							
Navigabil. Cl./Ye	ear								Data Entry By			Erin Roberts				
Legal Land Loca	ation	SW SEC	26 TWP	6 TWP 30 RGE 9 W5M					Data Entry Date			26-Mar-2012				
Longitude, Latitude -115:09:48, 51:35:31				:31				Reviewer Name			Tom Carey					
Road Authority Alberta Transportation (AIT)					Γ)			-	ew Dat			07-Mar-2012	2			
Contract Main. Area CMA28									Dept. Reviewer Name			Tim Davies				
Clear Roadway/	Skew	7.6 /								w Date	Э	29-Mar-2012	2			
AADT/Year		30 / 1991	(E)					Follo	w-Up E	Зу						
Road Classificat	ion	RLU-208	-100													
Detour Length (I	km)	999														
Allowable Load	(t): Sir				Semi	cs	2 49			Train	CS	33 62		> On Critical Spans >Critical Member		
Design Loading:		HS2	:5								'			> Primary	Span	
						Ро	sting Ir	nforma	ation							
Required Load Posting (t)				Single					Semi				Truck Train			
Posted Loading	pading (t)			Single				Semi			Truck Train					
Posted:	Lane	e NB At Junction (Y/N)		No	In Advance (Y/N)			No	At Bridge (Y/N) No		No					
Posted:	Lane	SB		At Junc	tion (Y/N	l)	No	Ir	In Advance (Y/N) No At			At Bı	ridge (Y/N)	No		
Remarks	Not re	equired.														
Hazard Marker At Bridge (Y/N) Yes																
Remarks																
Other Sign Types			CURVE	, 15 km/	hr ADVIS		•			JRVE),	CRE	EK ID				
						Uti	lities (L	Locate	d at)							
Utility Attachme	nts															
Telephone								Gas								
Power							Munio	•								
Others									Problem (Y/N) No							
Remarks																
							Approa									
11						ast	Now		Explanation of Condition							
Horizontal Align				3			3	Sharp corner at north end. In bottom of sag curve with steep hill to the North.								
Vertical Alignment			7.000			4	4									
Roadway Width (m)		7.000			_		Gravel.									
Approach Bump		V			5	5	NIE C	NE 8 0 ALL OTHERO C 44								
Guardrail (Y/N)		Yes			7	7	NE @ 8 m - ALL OTHERS @ 11 m.									
Guardrail			9,000			7	7	Not th	Not thriebeam.							
Length (m)	ord ()()	(N.I.)	8.000				_									
Current Stand		IN)	No TURNED DOWN													
Termination Ty	ype		TUKNE	ואטט ח		7	7	-								
Drainage						7	7									
Approach Road	d Gene	eral Rating	g			3	3									

Bridge Component							Superstructure								
Special Feature	Bridge Comp	onent													
Special Feature	-							•							
Company	Special Feat	ures													
Special Feature															
Special Feature	(Type:)														
Wearing Surface/Deck Top Detail Ratings															
Wearing Surface/Deck Top Detail Ratings	•														
N (%)															
Last						3 (%)									
Now															
Wearing Surface X X (Material Type :) (Thickness(mm) :) Lateral Connection Problem (YN) No Deck Top N N N N (Abrasion starting from gravel wear.) (Minor cracks @ center span) Snow Covered. Snow Covered. Deck Rideability 6 6 Deck Joints N N Temperature (deg. C) -3 -3 (Expansion Type :) (Fixed Type :) -3 Gap Size (mm) Gap Location -3 30 N. pier -25 25 S. pier Deck Drainage 7 7 Drains Clogged (Y/N) No Curbs/Median N 6 (Curb Type : Standard)	Now		0.0)	0.0	-									
(Material Type :) (Thickness(mm) :) Lateral Connection Problem (Y/N) Deck Top															
(Thickness(mm):) Lateral Connection Problem (Y/N) Deck Top N N (Abrasion starting from gravel wear.) (Minor cracks @ center span) Snow Covered. Deck Joints N N N Snow Covered Snow Covered Snow Covered Snow Covered Deck Joints Temperature (deg. C) (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage To prains Clogged (Y/N) No Curbs/Median (Curb Type: Standard) Scaling (Percent Area) Bridge Rail N N N (Abrasion starting from gravel wear.) (Minor cracks @ center span) Snow Covered Snow Covered Open joints drain onto substructure- no problems. Prains Clogged (Y/N) No Staling (Percent Area) Still post from SE @ East partially cracked															
Lateral Connection Problem (Y/N) Deck Top N N N (Abrasion starting from gravel wear.) (Minor cracks @ center span) Snow Covered. Deck Rideability 6 6 6 Deck Joints Temperature (deg. C) (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage 7 7 Open joints drain onto substructure- no problems. Deck Drains Clogged (Y/N) No Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON 300 x 150 mm BLOCKING. Scaling (Percent Area) Bridge Rail 7 7 8th post from SE @ East partially cracked		•													
Deck Top N N N (Abrasion starting from gravel wear.) (Minor cracks @ center span) Snow Covered. Deck Rideability 6 6 6 Deck Joints Temperature (deg. C) (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage To To Open joints drain onto substructure- no problems. Deck Drains Clogged (Y/N) No Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON 300 x 150 mm BLOCKING. Scaling (Percent Area) Bridge Rail N 8 Bth post from SE @ East partially cracked) No												
Combos/Median Courbs/Median Courbs/Media		JOHOTT TODICIT	140												
Deck Joints Temperature (deg. C) (Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage Drains Clogged (Y/N) No Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON 300 x 150 mm BLOCKING. Scaling (Percent Area) Bridge Rail 7 7 8th post from SE @ East partially cracked						N	N	(Minor cracks @ center span)							
Temperature (deg. C) -3 (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage 7 7 Open joints drain onto substructure- no problems. Drains Clogged (Y/N) No Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON (Curb Type: Standard) Scaling (Percent Area) 0 Bridge Rail 7 7 8th post from SE @ East partially cracked	Deck Rideability					6	6								
Temperature (deg. C) -3 (Expansion Type:) (Fixed Type:) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage 7 7 Open joints drain onto substructure- no problems. Drains Clogged (Y/N) No Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON (Curb Type: Standard) Scaling (Percent Area) 0 Bridge Rail 7 7 8th post from SE @ East partially cracked	Deck Joints					N	N	Snow Covered							
(Expansion Type :) (Fixed Type :) Gap Size (mm) Gap Location 30 N. pier 25 S. pier Deck Drainage T 7 7 Open joints drain onto substructure- no problems. Drains Clogged (Y/N) No Curbs/Median (Curb Type : Standard) Scaling (Percent Area) Bridge Rail T 7 7 8th post from SE @ East partially cracked	Temperatur	e (deg. C)	-3												
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Curbs/Median N 6 270 x 90 TIMBER WHEEL GUARD ON 300 x 150 mm BLOCKING. Scaling (Percent Area) 0 Bridge Rail 7 7 8th post from SE @ East partially cracked															
(Curb Type : Standard) Scaling (Percent Area) Bridge Rail 7 7 8th post from SE @ East partially cracked						N	6	270 x 90 TIMBER WHEEL GUARD ON							
Scaling (Percent Area) 0 Bridge Rail 7 7 8th post from SE @ East partially cracked															
Bridge Rail 7 7 8th post from SE @ East partially cracked			0												
2 layor						7	7	8th post from SE @ East partially cracked							
(.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		VANIZED ST	EEL FI F	EX BF	EAM)			2 layer							
Bridge Rail Posts 5 5						5	5								
(Type: TREATED TIMBER;TREATED TIMBER)			R:TRF4	TED '	TIMBER)			1							
Bridge Rail/Posts Coating 4 4 Coating 10% failed						4	4	Coating 10% failed							
	(Type: PAINT)					Т	ſ	1							
Sidewalk X X		,				V	Y								
Oldewalik A A	Sidewalk					^									
Girder Detail Ratings	Girder Detail	Ratings													
N (count) 1 (count) 2 (count) 3 (count)		N (count)	1 (count	t)	2 (count)	3 (cou	unt)								
Last	Last														
Now 0 0 0 0	Now	0	0		0		0								
Girders 5 5 Cracking at deck underside in top	Girders					5	5	Cracking at deck underside in top							
Cracking (Y/N) Yes chamfer near girder ends appears typical. NARROW WIDTH.	Cracking (Y	/N)	Υe	es				chamter near girder ends appears typical, NARROW WIDTH							
Spalling (Percent Area) 0 NARROW FLEXURAL CRACKS @ ENDS.	Spalling (Pe	ercent Area)	0					NARROW FLEXURAL CRACKS @ ENDS.							
(Number Of Girders : 15)	(Number Of C	Girders : 15)													

			Supers	tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : VF, 3 Spans, Le	engths(m): 12.2-29.3-1	2.2, A-	Ident N	lumber:)
Diaphragms/Cross Frame		7	7	
Bearings		7	7	
Temperature (deg. C)	-3			
(Expansion Type : REINFORC	ED PAD BEARING)			Abuts fixed.
(Fixed Type : REINFORCED P				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		7	7	
Stains (Percent Area)	5			
Span Alignment Problems	-			
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		5	5	
Superstructure General Nathing		, J		
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
Backwalls/Breastwalls			7	
Wingwalls		6	6	
Piles			N	Buried.
Paint/Coating			X	
Abutment Stability		7	7	
Scour/Erosion		7	7	
Piers/Bents				
(Type : PIER-COLUMN)				HEAVY STAINING @ PIER FROM LEAKAGE @ SLIDING PLATE
Bearing Seats/Caps		7	7	DECK JOINTS - PHOTO.
(Type : CONCRETE)				
(Total Number of Bearing Piles :	0:0)			
Pier Shaft/Piles		7	7	
Bracing/Struts/Sheathing		Х	Х	
Nose Plate		7	7	
Paint/Coating		5	5	Paint on Nose Plated.
(Colour Description :)				CEMENT AND SAND PARGING.
(Colour Code :)				
Pier Stability		7	7	
Scour		7	7	
Debris (Y/N)	No			
Substructure General Rating		7	7	

		S	re Usage	
				Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		8	7	
Bank Stability			7	
HWM (m below Top of Curb)	WM (m below Top of Curb)			No visible HWM.
Drift (Y/N)	ft (Y/N) No			
Slope Protection N			7	
(Type: NATURAL; NATURAL)			
Guidebank/Spurs		X	X	
Adequacy of Opening			8	
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		8	7	

		Maintenance Ro	ecommend	ations					
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/EROSIG	NC								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No. (%)	ow) 66.7/60	5.7 Sufficiency Rating (Last/	Now)	54.6/55.5	Est. Repl. Yr	2025	Maint. Red	ıd. (Y/N)	No
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	Tom Carey		Previous Assistant's Name						
Next Inspection Date	01-Jun-2015		Previous	revious Inspection Date 28-Jan-2009					
Inspection Cycle (Default) (months)	39								
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