Bridge Inspection															
Bridge File Number	76128 -1								PSR						
Year Built/Year	1968/196					Lot No.			2						
Supstr							Ins	Inspector Name			Wade Nanninga				
Bridge or Town Name						Inspector Class			BR CLS A						
Located Over	CNR					Assistant Name									
Located On	31:02 C1				As	Assistant Class									
Water Body Cl./Year	Year							Inspection Date			22-Sep-2011				
Navigabil. Cl./Year						Data Entry By			Theresa Lacusta						
Legal Land Location	NW SEC 18 TWP 53 RGE 5 W							Data Entry Date			25-Oct-2011				
Longitude, Latitude	e, Latitude -114:44:19, 53:34:40										Eric Carcoux				
Road Authority	d Authority Alberta Transportation (AIT)						Re	Review Date			25-Oct-2011				
Contract Main. Area	CMA12							pt. Revie	wer N	ame	Brent Herrick	·			
Clear Roadway/Skew	11 / -8 de	eg. (LHF)						pt. Revie			26-Oct-2011	•			
AADT/Year	1,930 / 2	010 (A)						low-Up E							
Road Classification	RCU-210	-110						T Ollow-Op By							
Detour Length (km)	32														
Allowable Load (t): Sir	ngle CS1 GIRI			Semi	CS	S2 49		Train CS3 63			3 63	> On Critical Spans > Critical Member			ns
Design Loading:	HS2												> Primary		
			I		Po	sting	nfor	mation							
Required Vert. Clearar	nce Postin	g (m)													
Posted Vertical Cleara			No												
Posted: Lane WB	On Br	ridge (m)		In Adva	ance	(Y/N)	No	Lane	EB	0	n Bridge (m)		In Advance	(Y/N)	No
Remarks Not re	equired.														
Required Load Posting	j (t)		Single					Semi			Truck Train				
Posted Loading (t)			Single	ingle				Semi				Truck Train			
Posted: Lane	NB		At Junction (Y/N)		/N)	No		In Advance (Y/N)		Y/N)	No	At Bridge (Y/N)		No	
Posted: Lane	SB		At Junc	tion (Y	/N)	No		In Adva	nce (\	Y/N)	No	At Bridge (Y/N)		No	
Remarks Not re	equired.														
Hazard Marker At Brid	ge (Y/N)	Yes													
Remarks		Not @ s	standard	locatio	n, N\	N & SE	only	'.							
Other Sign Types		Route.													
					Ut	ilities (Loca	ted at)							
Utility Attachments															
Telephone							Ga	s							
Power 3 wire	es 100m E	ast						Municipal							
Others								Problem (Y/N) No							
Remarks															
						Appro									
				I	Last	Now		Explanation of Condition							
Horizontal Alignment					7	7	Re	sidential	entrar	nces l	ooth direction	S.			
Vertical Alignment					8	8									
Roadway Width (m)		10.500													
Approach Bump					7	7	1								
Guardrail (Y/N) Yes						No	thrie bea	am - p	oor c	onnection to b	oridge				
Guardrail					7	7									
Length (m)		99.000													
Current Standard (Y/N) No															
Termination Type		Turned	Down												
Drainage					6	5	Ra	ndom cra	acking	on d	own drains.				
Approach Road Gene	eral Ratin	g			7	7									

							tructure
Bridge Comp	ponent				Last	Now	Explanation of Condition
(Primary Spa	n : PM, 3 Spa	ns, Ler	ngths(r	n): 13.7-15.2-	13.7, A	-Ident I	Number:)
Last 100 0 Now Wearing Surface (Material Type : CONCRETE) (Thickness(mm) : 150) Lateral Connection Problem (Y/N) Deck Top Deck Rideability Deck Joints Temperature (deg. C) 20 (Expansion Type : GLAND (WABO-MAUER, (Fixed Type :) Gap Size (mm) Gap Location (Problem) 75 S. abut 77 N. abut Deck Drainage Drains Clogged (Y/N) No Curbs/Median (Curb Type : Standard) Scaling (Percent Area) 2 Bridge Rail (Type : GALVANIZED STEEL VERTICAL Barbidge Rail Posts (Type : GALVANIZED) Bridge Rail/Posts Coating (Type : GALVANIZED) Sidewalk Girder Detail Ratings N (count) 1 (count) 2 (contains) Last Now Girders Cracking (Y/N) No Spalling (Percent Area) 1						_	
Special Featu	ure					Х	
(Type :)							
Special Featu	ıre					Х	
(Type:)							
	ace/Deck Top	Detail	Ratings	3			
				2 (%)	3 (%)		
Last		<u> </u>	0	0		0	
Now							
	ace			'	N	6	
		FTF)					
		,					
	` , ,	n	No.				
	ection i toblei		INO				
Deck Top					N	N	
Deck Rideab	ility				8	8	
Deck Joints					7	7	
Temperatui	re (deg. C)	:	20				
(Expansion	Type : GLAN	ID (WA	BO-MA	UER, TRANS	FLEX,	ETC))	
(Fixed Type	e:)						
Gap Size (mm) Gap Location							
75 S. abut							
77 N. abut							
Deck Drainac	ne e		•		4	4	(Small bird baths in East gutter, S2. 12/June/2006) Rating carried
			No				forward based on past comments.
Wearing Surface/Deck Top D N (%)					N	4	(150 mm high. Few spalls on ext face from lack of cover on rebar.
Special Feature (Type:) Wearing Surface/Deck Top Detail Rank N (%) 1 (%) Last 100 0 Now Wearing Surface (Material Type: CONCRETE) (Thickness(mm): 150) Lateral Connection Problem (Y/N) Deck Top Deck Rideability Deck Joints Temperature (deg. C) 20 (Expansion Type: GLAND (WABC) (Fixed Type:) Gap Size (mm) Grank Size (Marchaele) Deck Drainage Drains Clogged (Y/N) No Curbs/Median (Curb Type: Standard) Scaling (Percent Area) 2 Bridge Rail (Type: GALVANIZED STEEL VER Bridge Rail/Posts Coating (Type: GALVANIZED) Sidewalk Girder Detail Ratings N (count) 1 (count) Last Now Girders Cracking (Y/N) No				.,		The sum right for spans on skilds from lask of solor of rosa.	
-	·						
	rociti / troaj				4	4	3 sections of bridgerail have one or more bent vertical slats.
	I VANIZED ST	TEE! \/	EDTIC	AL BAB\	4	4	
		IEEE V	EKIIC	AL BAN)	1	1	Insufficient thread on about 5% of A/B missing nut @ 2nd from NW & loose nut 5th from NW.
		OCT CT		AL VANIZED	4	4	
	LVANIZED PO	031 31	EEL;G	ALVANIZED	PUS1		Missing top panel connection bolts @ EP5. Missing panel bottom connection bolt @ WP10.
Bridge Rail/P	osts Coating				4	4	NW post & couple welded connections, pitting rust
					<u> </u>		
					Х	Х	
Girder Detail Ratings							
				2 (count)	3 (cou	unt)	
			(,,,,,	,			
					4	4	Spall @ NE corner @ abutment S3G13photo
	//NI)		No		7		gran C 112 contor & abatinont coc to, prioto
	Scaling (Percent Area) Stridge Rail (Type : GALVANIZED STEEL VERTICAL BAR) Stridge Rail Posts (Type : GALVANIZED POST STEEL;GALVANIZED) Stridge Rail/Posts Coating (Type : GALVANIZED) Stridge Rail/Posts Coating (Type : GALVANIZED) Strider Detail Ratings N (count) 1 (count) 2 (count ast low Striders Cracking (Y/N) No						
(Inditibel Of C	JIIUEIS . 39)						

			Supers	tructure
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : PM, 3 Spans, Lo	engths(m): 13.7-15.2-1	13.7, A	-Ident I	Number:)
Diaphragms/Cross Frame		Х	X	
Bearings			7	
Temperature (deg. C) 20				
(Expansion Type : NEOPRENE	STRIP BEARING)			
(Fixed Type : NEOPRENE STRIP BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		N	5	Center span stained with train exhaust and some minor water stains
Stains (Percent Area)	0			between girders.
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		4	4	
ouperon account than 19		·		
			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		6	6	
(Type : CONCRETE)				
Backwalls/Breastwalls			5	
Wingwalls			7	
Piles			N	
Paint/Coating		Х	Х	
Abutment Stability		7	7	
Scour/Erosion		5	5	
Piers/Bents				
(Type : PIER-COLUMN)				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
(Total Number of Bearing Piles :	6:6)			
Pier Shaft/Piles		7	7	
Bracing/Struts/Sheathing		Х	Х	
Nose Plate			Х	
Paint/Coating		4	4	5% rusting with some pitting.
(Colour Description :)				o your tabling man same priming.
(Colour Code :)				
Pier Stability			8	
Scour		8 X	X	
Debris (Y/N)	No			
	1.0	6		
Substructure General Rating		6	6	

Structure Usage										
		Last	Now	Explanation of Condition						
Grade Separation										
Road Alignment		8	8							
Traffic Safety Features		Х	Х							
Туре	NONE									
Slope Protection		N	5							
(Type: NATURAL; NATURAL)										
Bank Stability		6	6							
Drainage			7							
Grade Separation General Rating			6							

				Maintenance	e Recommend	lations						
Inspector Recommendations		Year	Inspecto	or Comments		Department C	ommei	nts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL		2011	Replace nuts.	missing connection bolt	s & post A/B							
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/EROS	SION											
PLACE ADDITIONAL RIP RAP												
REMOVE DRIFT ACCUMULATION												
OTHER ACTION		2011	Install m	issing hm's (NE,SW)								
OTHER ACTION		2011	Install m	nissing bridge rail bolts.								
OTHER ACTION		2011	Install m	issing AB nuts.								
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (Last/(%)	Now)	55.6/55	.6	Sufficiency Rating (La (%)	ast/Now)	55.6/55.6	Es	st. Repl. Yr	2034	Maint. Re	qd. (Y/N)	Yes
Special Monitor spalled gi Comments for Next Inspection	rder.					Department Comments				,		
Maintenance Reviewed By						Date				Estimated Tota	I 0	
Proposed Long-Term Strategy												
On 2 Voor Brogram (V/N)												
On 3-Year Program (Y/N)												
Proposed Action												
Previous Inspector's Name Arnol		d Assenhe	eimer		Previous	Assistant's Nam	ne	Shane Hall				
Next Inspection Date 22-Ju		n-2013			Previous	Inspection Date		14-Dec-2009				
Inspection Cycle (Default) (months)	21											
Comment												

Bridge Inspection & Maintenance System (Web 2005)