						Bridge	e Inspe	ection						
Bridge File Num	ber	08802 -1	Bridge					Form Type PCS						
Year Built/Year		1967/196	67				Lot No. 2							
Supstr							Ins	Inspector Name		Jason Saly				
Bridge or Town	Name						— Ins	Inspector Class		BR CLS A				
Located Over		SOUNDI		EK, 4.4, \	WATERC	RS-ST	— As	sistant I	Name					
Located On		872:02 C	1 8.492				— As	Assistant Class						
Water Body Cl./							— Ins	Inspection Date 09-Jun-2011						
Navigabil. Cl./Ye						Data Entry By Marcia C						/ez		
Legal Land Loca		SW SEC			11 W4M	M Data Entry Date 27-Jun								
Longitude, Latitu	ude	-111:26:4				Reviewer Name John C						า		
Road Authority		Alberta T	ransporta	ation (AIT	Γ)		view Da	ate		17-Jun-2011				
Contract Main.		CMA21					— De	pt. Revi	iewer Na	ame	Chris Black			
Clear Roadway	Skew	8.2 /					— De	pt. Revi	iew Date)	30-Jun-2011			
AADT/Year		110 / 201	` '					Ilow-Up						
Road Classification RLU-209G-90								·	·					
Detour Length (22												
Allowable Load	(t): Sin		30 DER			CS2 52 GIRDEI			Train		3 75 RDER		> On Critic	al Spans
Design Loading		HS2				OINDL	`		<u> </u>	TOII	NDLIN		> Primary	
11020						Posting	Infor	mation					> 1 minuty	Оран
Required Load I	osting	(t)		Single				Semi				Truc	k Train	
Posted Loading		.,		Single				Semi				Truck Train		
Posted:	Lane	NB At Junction			tion (Y/N)	No		In Advance (Y/N		/N)	No	At Bridge (Y/N) No		No
Posted:	Lane	SB At Junction (Y/N)					In Advance (Y/N) No		At Bridge (Y/N) No					
Remarks					,				,				<u> </u>	
Hazard Marker At Bridge (Y/N) Yes														
Remarks Offline 250mm. SW			SW loo	se and t	ied on	W/wire	, SE dan	nage	ed.					
Other Sign Types														
, , , , , , , , , , , , , , , , , , ,						Utilities	(Loca	ated at)						
Utility Attachme	nts													
Telephone	West	r/w.					Ga	is	E	ast r	/w.			
Power						Mu	ınicipal							
Others						Pro	oblem (Y/N) N	lo					
Remarks							,							
						Appr	oach F	Road						
					La	st No	w Ex	planation	on of Co	ondi	tion			
Horizontal Align	ment					7 7		East and West field entrances 30 m.						
Vertical Alignme	ent				(6 6	Cre	est w/pc	or S GD	10(JIVI N.			
Roadway Width	(m)		9.000											
Approach Bump)					7 7								
Guardrail (Y/N)			Yes				On	e broke	n TT po	st al	ong NE guard	drail.		
Guardrail						3 3		ght dam	nage on l	NVV	- turndown er	nd.		
Length (m)			16.200				No	t attach	ed to bri	dge,	too low,			
Current Stand	ard (Y/	N)	No				Offi inte	offline from NW curb & lacks intermediate posts.						
Termination T	уре		TURND	OWN					,					
Drainage						4 4	Но	le and 3	30mm cr	ack	@ SW. Wate	er can	drain directly	to cap.
Approach Road	d Gene	ral Ratin	q			3 6								

Bridge Component Deck Deck Top Deck					5	Supers	erstructure				
Special Feature	Bridge Component										
Special Feature	(Primary Span : HC, 1	Spans	, Lengths(n	n): 8.5, A-Ider	nt Numl	ber:)					
Type : Special Feature	Special Features										
Special Feature	Special Feature					Х					
Type : Wearing Surface/Deck Top Detail Ratings	(Type:)										
Meaning Surface Deck Top Deck Top Deck Make Mean						Х					
Meaning Surface Deck Top Deck Top Deck Make Mean											
N % 1 % 2 % 3 %		Top D	etail Ratings								
Last 0					3 (%)						
Now 0.0	_		•			0					
Wearing Surface			-	0.0							
Material Type : MIX TYPE 1 ACP Chickness(mm) : 100 Lateral Connection Problem (V/N) No Deck Top No No No No No No No			0.0	0.0			Cold mix				
Chickness(mm): 100 Lateral Connection Problem (YN)							Asphalt along gutters deteriorated.				
Lateral Connection Problem (Y/N) Deck Top No No No No Old mix covered Deck Rideability 4 4 4 Due to wheel traps along gutters. Bump (Y/N) Deck Joints Bump (Y/N) No Curbs/Median 5 5 5 Bridge Rail (Curb Type : Standard) Scaling (Percent Area) Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 1 Now 10 0 0 0 1 Now 10 0 0 0 1 Sidewalk Cirder Detail Ratings Sidewalk Cirder Detail Ratings Sidewalk O 0 0 1 Now 10 0 0 0 1 Sidewalk O 0 0 1 Now 10 0 0 0 1 Sidewalk O 0 0 0 0 0 1 Sidewalk O 0 0 0 0 0 0 0 1 Sidewalk O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1 401)				Lost asphalt at SE corner.				
Cold mix covered											
Deck Rideability Deck Joints Sump (Y/N) No Deck Drainage Drains Clogged (Y/N) No Curbs/Median Curbs/Median Scaling (Percent Area) Bridge Rail											
Deck Rideability Deck Joints Sump (Y/N) No Deck Drainage Drains Clogged (Y/N) No Curbs/Median Curbs/Median Scaling (Percent Area) Bridge Rail	Deck Top				N	N	cold mix covered				
Bump (Y/N) No Deck Drainage	'										
Bump (Y/N) No Deck Drainage	Deck Rideability				4	4	Due to wheel traps along gutters.				
Bump (Y/N) No Deck Drainage	5 1 1 1 1					\ \ \					
Deck Drainage					X	X					
Drains Clogged (Y/N) No Curbs/Median 5 5 5 (Curb Type : Standard) Scaling (Percent Area) 5 Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL) Bridge Rail/Post Coating 7 7 (Type : GALVANIZED) Sidewalk X X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 1 Now 10 0 0 1 Girders 3 3 3 Last Complete Inspection Date 20-Sep-2008 Cracking (Y/N) Yes Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 10) Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No			No								
Curbs/Median					4	4	Wide crack and hole @ S abut.				
Curb Type : Standard Scaling (Percent Area) 5	Drains Clogged (Y/N)		No								
Scaling (Percent Area) 5 Bridge Rail 6 6 6 (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk X X Girder Detail Ratings	Curbs/Median				5	5	Small spalls on West curb.				
Bridge Rail (Type : GALVANIZED STEEL FLEX BEAM) Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL; GALVANIZED POST STEEL; GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk X X Girder Detail Ratings N (count)	(Curb Type : Standar	rd)					Lift pockets not grouted on curb.				
Cracking (Y/N) Yes Spalling (Percent Area) Count (Type) (Cracking (Y/N)) No Crockets open on curbs. Count (Type) (
Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) Sidewalk X X Girder Detail Ratings	Bridge Rail				6	6					
Cracking (Y/N) Yes Spalling (Percent Area) O Span Alignment Problems Vertical (Y/N) No More More and a special part of the first points of the first											
STÉEL) Bridge Rail/Posts Coating 7 7 7 (Type: GALVANIZED) Sidewalk X X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Now 10 0 0 1 Girders 3 3 3 Last Complete Inspection Date 20-Sep-2008 Cracking (Y/N) Yes Spallling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 10) Span Alignment Problems Vertical (Y/N) No	Bridge Rail Posts			7	7						
Could not inspect underside due to water levels in river.				POST							
Sidewalk X X					7	7					
Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count)	(Type : GALVANIZED)										
N (count) 1 (count) 2 (count) 3 (count) Now 10 0 0 1 Girders 3 3 3 Cracking (Y/N) Yes (G2 wide long. cracking in AZ w/med cracking in other leg in AZ. 20Sep2008) Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 10) Span Alignment Problems Vertical (Y/N) No	Sidewalk			X	X						
N (count) 1 (count) 2 (count) 3 (count) Now 10 0 0 1 Girders 3 3 3 Cracking (Y/N) Yes (G2 wide long. cracking in AZ w/med cracking in other leg in AZ. 20Sep2008) Spalling (Percent Area) 0 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 10) Span Alignment Problems Vertical (Y/N) No	0.1. 5. 0.5.0										
Last 0 0 0 1 Now 10 0 0 1 Girders 3 3 (Cracking at most drift pins. 20Sep2008). Last Complete Inspection Date 20-Sep-2008 (G2 wide long. cracking in AZ w/med cracking in other leg in AZ. 20Sep2008). Cracking (Y/N) Yes (3 other girders w/wide long. cracking in one leg in AZ. 20Sep2008). Spalling (Percent Area) 0 Rating carried forward based on previous inspector's comments. Minor chipping at girder top at SE corner. Lift pockets open on curbs. Lift or Connector Pocket Grouted (Y/N) No Lift pockets open on curbs. Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No			,		0 /	()					
Now 10 0 0 1 Girders 3 3 (Cracking at most drift pins. 20Sep2008). Last Complete Inspection Date 20-Sep-2008 (G2 wide long. cracking in AZ w/med cracking in other leg in AZ. 20Sep2008). Cracking (Y/N) Yes (3 other girders w/wide long. cracking in one leg in AZ. 20Sep2008) Spalling (Percent Area) 0 Rating carried forward based on previous inspector's comments. Minor chipping at girder top at SE corner. Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 10) Span Alignment Problems Vertical (Y/N) No) 1			1		Could not inspect underside due to water levels in river.				
Girders Last Complete Inspection Date Cracking (Y/N) Spalling (Percent Area) Crouted (Y/N) (Number Of Girders : 10) Cirders As to Complete Inspection Date 20-Sep-2008 3			-	-							
Last Complete Inspection Date 20-Sep-2008 Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 10) Span Alignment Problems Vertical (Y/N) No (G2 wide long. cracking in AZ w/med cracking in other leg in AZ. 20Sep2008). (3 other girders w/wide long. cracking in one leg in AZ. 20Sep2008) Rating carried forward based on previous inspector's comments. Minor chipping at girder top at SE corner. Lift pockets open on curbs. Vertical (Y/N) No Horizontal (Y/N) No			0	0		<u> </u>					
Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 10) Span Alignment Problems Vertical (Y/N) No Cracking (Y/N) Ves (3 other girders w/wide long. cracking in one leg in AZ. 20Sep2008) Rating carried forward based on previous inspector's comments. Minor chipping at girder top at SE corner. Lift pockets open on curbs. Vertical (Y/N) No Horizontal (Y/N) No					3 3		(Cracking at most drift pins. 20Sep2008).				
Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 10) Span Alignment Problems Vertical (Y/N) No Rating carried forward based on previous inspector's comments. Minor chipping at girder top at SE corner. Lift pockets open on curbs. Vertical (Y/N) No Horizontal (Y/N) No		on Dat		-2008			20Sep2008).				
Lift or Connector Pocket Grouted (Y/N) (Number Of Girders : 10) Span Alignment Problems Vertical (Y/N) No Minor chipping at girder top at SÉ corner. Lift pockets open on curbs. Vertical (Y/N) No Horizontal (Y/N) No							(3 other girders w/wide long, cracking in one leg in AZ, 20Sep2008).				
Grouted (Y/N) (Number Of Girders : 10) Span Alignment Problems Vertical (Y/N) Horizontal (Y/N) No							Minor chipping at girder top at SE corner.				
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No		et	No				Lift pockets open on curbs.				
Vertical (Y/N) No No	(Number Of Girders : 1	0)									
Horizontal (Y/N) No	Span Alignment Prob	lems									
	Vertical (Y/N)		No								
Superstructure General Rating 3 GR carried forward from 20Sep2008.	Horizontal (Y/N)		No								
	Superstructure Gener	al Rat	ing		3	3	GR carried forward from 20Sep2008.				

					Subst	ructure
Bridge Component Last					Now	Explanation of Condition
Abutments						
(Extended Backwall Piles (Y/N) : Y)						Abuts viewed from corners of bridge.
(Extended Backwall Piles Spacing(mm) : 1600)						
(Total Number of Caps/Corbels : 1:1)						Caps recently cored.
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	0	0	0		0	
Now	2	0	0		0	
Bearing Sea	ts/Caps/Corbe	ls		6	N	
(Type : TR	EATED TIMBI	ER)				
(Depth(mm	n) : 350)					
(Width(mm	n): 300)					
Backwalls/Br	reastwalls			5	5	Gap at SW corner btwn girders & backwall.
Greatest H	leight (m)	3.60				
Wingwalls					6	
(T. (1))						4479
(Total Number of Bearing Piles : 7:7) Piles Detail Ratings						(A1P2 sounds hollow @ ground level, also A1P6-7. 20Sep2008).
Piles Detail F		4 (- 1)	0.4- 0	0.4	4\	Piles bowing from backwall pressure.
Last	N (count)	1 (count)	2 (count)	3 (cou		
Last	0	0	0		0	Piles recently cored. Rating maintain based on previous comments.
Now	0	0	0		0	
Piles				4	4	
Paint/Coating	g			X	X	
Abutment Stability			5	5		
Scour/Erosion			7	7		
Piers/Bents						
(Type:)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
bearing Sear	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	iv (court)	i (count)	2 (court)	3 (000	1111)	
Now						
					X	-
Bearing Seats/Caps/Corbels X (Type:)						
(Type:) (Depth(mm):)						
(Width(mm) :) (Total Number of Bearing Piles :)						
(Lotal Number of Bearing Piles :) Piles Detail Ratings						
. noo Botali i	N (count)	1 (count)	2 (count)	3 (cou	ınt)	
Last	14 (Sourit)	i (oouiii)	2 (30dill)	0 (000	()	
Now						
Pier Shaft/Pi	les			X	X	-
Greatest H						
Bracing/Strut				6	6	
Nose Plate	On Out in 19			X	X	
Paint/Coating				X	X	
-	scription:)					
(Colour Code :)						

			Cuba	avijetije.
Deider Common and		1 1	ructure	
		Last	Now	Explanation of Condition
Pier Stability		X	X	
Scour		X	Х	
Debris (Y/N)	No			
Substructure General Rating		4	4	
		5	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7	7	
Bank Stability		7	7	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection			6	
(Type : RIP RAP; RIP RAP)				Water from backwall to backwall, could not confirm riprap.
Guidebank/Spurs		X	Х	
Adequacy of Opening			8	
(Fish Compensation Measure	1 : NONE)			
(Fish Compensation Measure 2	2 : NONE)			
Channel General Rating		7	6	

Alberta Transportation

	-			Maintenance Recommendations	mmendat	ions					
Inspector Recommendations	Ye	Year	Inspector Comments	nmments		Department Comments	ments	•	Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL											
SEAL CURBS											
PATCH DECK											
OVERLAY DECK											
STRAIGHTEN/REPLACE MEMBERS	40										
WASHING											
SHOTCRETE REPAIRS											
CORE TIMBER CAPS/CORBELS											
REPAIR/REPLACE TIMBER CAPS											
REPAIR ABUTMENT SCOUR/EROSION	NO										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
INSTALL STRUTS											
OTHER ACTION	2011	1	Grout lift pockets.	kets.							
OTHER ACTION	2011	1	Replace 1 TI	Replace 1 TT guardrail post at NE.							
OTHER ACTION	20	2011	Extend cold I	Extend cold mix to curb 1.0 tonne.							
OTHER ACTION	20	2015	Upgrade gua rail.	Upgrade guardrail to std. and attach to bridge rail.	bridge						
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/Now) (%)		38.9/38.9		Sufficiency Rating (Last/Now) (%)		53.0/60.9	Est. Repl. Yr	2020	Maint. Reqd. (Y/N)		Yes
Special Est. repl. yr. depends on coring results of piles. If rot, put Comments for Next Inspection	ids on coring	g resul	Its of piles. If I	rot, put back to 2014.		Department Comments					
Maintenance Reviewed By						Date		Es	Estimated Total	0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name	Cameron Baron	Baron		Ā	revious As	Previous Assistant's Name					
Next Inspection Date	09-Sep-2014	114		Pr	revious Ins	Previous Inspection Date	20-Sep-2008				
Inspection Cycle (Default) (months)	39										

Alberta Transportation

Comment

		Maii	ntenance Recommend	lations				
Inspector Recommendations	Year	Inspector Comments		Department C	comments	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/EROSION								
PLACE ADDITIONAL RIP RAP								
REMOVE DRIFT ACCUMULATION								
INSTALL STRUTS								
OTHER ACTION	2011	Grout lift pockets.		defer until on	site next.			
OTHER ACTION	2011	Replace 1 TT guardrai	l post at NE.					
OTHER ACTION	2011	Extend cold mix to curl	b 1.0 tonne.					
OTHER ACTION	2015	Upgrade guardrail to st	td. and attach to bridge					
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
OTHER ACTION								
Structural Condition Rating (Last/Now) (%)	38.9/38.	9 Sufficiency F	Rating (Last/Now)	53.0/60.9	Est. Repl. Yr 2020	Maint. Re	qd. (Y/N)	Yes
Special Est. repl. yr. depends of Next Inspection	n coring res	ults of piles. If rot, put ba	ack to 2014.	Department Comments	Coring results 2011: Caps and piles were cored BVBS Currently programm 2022.DA	and all good. No led in PMA for rep	action requi	ired.
Maintenance Reviewed By Dar	ron Ahlstedt	t		Date	28-May-2012	Estimated Tota	al 0	
Proposed Long-Term Strategy								

On 3-Year Program (Y/N)			
Proposed Action			
Previous Inspector's Name	Cameron Baron	Previous Assistant's Name	
Next Inspection Date	09-Sep-2014	Previous Inspection Date	20-Sep-2008
Inspection Cycle (Default) (months)	39		
Comment			