Bridge Inspection & Maintenance System (Web 2005)

						E	Bridge In	nspection						
Bridge File Num	nber	07491 ·	1 Bridge					Form Typ	e		PCS			
Year Built/Year		1966/19	966					Lot No.			2			
Supstr								Inspector	Name		Owen Salav	a		
Bridge or Town	Name							Inspector			BR CLS A			
Located Over		FALUN	CREEK, 5	5.47.4.5,	WATER	RCR	S-ST	Assistant	Name					
Located On		795:06	C1 0.684					Assistant	Class					
Water Body Cl./	Year							Inspection	n Date		08-Feb-2013	3		
Navigabil. CI./Y	ear							Data Entr	v Bv		Marcia Chav	/ez		
Legal Land Loc	ation	SW SE	C 13 TWP	46 RGE	27 W4	М		Data Entr	• •		18-Mar-2013	-		
Longitude, Latit	ude	-113:48	8:04, 52:57	:57				Reviewer	-		John O'Brier	-		
Road Authority		Alberta	Transport	ation (Al	T)			Review D			13-Feb-2013			
Contract Main.	Area	CMA17						Dept. Rev		ame	Chris Black	-		
Clear Roadway	/Skew	8.2 / 15	deg. (RHI	-)				Dept. Rev			28-Mar-2013	3		
AADT/Year		920 / 20	011 (A)					Follow-Up		0	20-10101-2013	,		
Road Classifica	ition	RCU-20	09-110					1 0100-0	ЪЪу					
Detour Length ((km)	37												
Allowable Load	(t): Sin		S1 28 RDER		Semi		S2 49 RDER		Train		3 65 RDER		> On Critic >Critical M	cal Spans Iember
Design Loading	:	HS	S20										> Primary	Span
						Po	osting In	nformatior	١					
Required Load I	Posting	(t)		Single				Semi				Truc	k Train	
Posted Loading	(t)			Single				Semi				Truc	k Train	
Posted:	Lane	NB		At Junc	tion (Y/	N)	No	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No
Posted:	Lane								In Advance (Y/N)			At Bridge (Y/N)		
	Lanc	36		At Junc	tion (Y/	N)	No	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No
Remarks		quired.		At Junc	tion (Y/I	N)	No	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No
	Not re	quired.	Yes	At Junc	tion (Y/I	N)	No	In Ad	vance (Y	′/N)	No	At B	ridge (Y/N)	No
Remarks	Not re	quired.					-	l			No		idge (Y/N)	No
Remarks Hazard Marker	Not re At Bride	quired.					-	l			1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks	Not re At Bride	quired.				n fro	m face o	l	uth too lo		1 -		idge (Y/N)	No
Remarks Hazard Marker Remarks	Not re At Bride	quired.				n fro	m face o	of curb. So	uth too lo		1 -		idge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type	Not re At Bride	equired. ge (Y/N)				n fro	m face o	of curb. So	uth too lo		1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme	Not re At Bridges	equired. ge (Y/N)				n fro	m face o	of curb. So	uth too lo		1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone	Not re At Bridges	equired. ge (Y/N)				n fro	m face o	of curb. So ocated at	uth too lo		1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others	Not re At Bridges	equired. ge (Y/N)				n fro	m face o	of curb. So ocated at Gas Municipal	uth too lo	ow, N	1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others	Not re At Bridges	equired. ge (Y/N)				n fro Ut	m face c ilities (L	of curb. So ocated at Gas Municipal	uth too lo	ow, N	1 -		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power	Not re At Bridges	equired. ge (Y/N)			gwall 1n	n fro Ut	m face c ilities (L	of curb. So cocated at Gas Municipal Problem	uth too k) (Y/N) N	ow, N	lorth too high		ridge (Y/N)	No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others	Not re At Bridg es ents East r	equired. ge (Y/N)			gwall 1n	n fro Ut	m face c ilities (L Approa	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks	Not re At Bridges ents East r	equired. ge (Y/N)			gwall 1n	n fro Ut	m face c ilities (L Approa	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align	Not re At Bridg es ents East r East r ent	equired. ge (Y/N)			gwall 1n	n fro Ut .ast 7	m face c ilities (L Approad Now 7	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme	Not re At Bridges es East r East r ment ent (m)	equired. ge (Y/N)	Installe		gwall 1n	n fro Ut .ast 7	m face c ilities (L Approad Now 7	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump	Not re At Bridges es East r East r ment ent (m)	equired. ge (Y/N)	Installe		gwall 1n	n fro Ut .ast 7 8	m face c ilities (L Approar Now 7 8	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width	Not re At Bridges es East r East r ment ent (m)	equired. ge (Y/N)	8.400		gwall 1n	n fro Ut .ast 7 8	m face c ilities (L Approar Now 7 8	of curb. So ocated at Gas Municipal Problem ch Road Explanat	uth too lo) (Y/N) N ion of Co	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail	Not re At Bridges es East r East r ment ent (m)	equired. ge (Y/N)	8.400		gwall 1n	n fro Ut .ast 7 8 6	m face c ilities (L Now 7 8 6	of curb. So cocated at Gas Municipal Problem Ch Road Explanat Major inte	uth too k) (Y/N) N ion of Co ersection	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m)	Not re At Bridg es Ints East r East r Inment ent (m) D	/w.	 Installe Installe 8.400 Yes 8.000 		gwall 1n	n fro Ut .ast 7 8 6	m face c ilities (L Now 7 8 6	of curb. So ocated at Gas Municipal Problem Ch Road Explanat Major inte	uth too k) (Y/N) N ion of Co ersection	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m) Current Stand	At Bridges	/w.	 Installe Installe 8.400 Yes 8.000 No 	d on win	gwall 1n	n fro Ut .ast 7 8 6	m face c ilities (L Now 7 8 6	of curb. So cocated at Gas Municipal Problem Ch Road Explanat Major inte	uth too k) (Y/N) N ion of Co ersection	ow, N	lorth too high	•		No
Remarks Hazard Marker Remarks Other Sign Type Utility Attachme Telephone Power Others Remarks Horizontal Align Vertical Alignme Roadway Width Approach Bump Guardrail (Y/N) Guardrail Length (m)	At Bridges	/w.	 Installe Installe 8.400 Yes 8.000 	d on win	gwall 1n	n fro Ut .ast 7 8 6	m face c ilities (L Now 7 8 6	of curb. So ocated at Gas Municipal Problem Ch Road Explanat Major inte	uth too k) (Y/N) N ion of Co ersection	ow, N	lorth too high	•		No

					S	Supers	tructure
Bridge Com	ponent				1	Now	Explanation of Condition
(Primary Spa	an : HC, 1 Spa	ns, Lenç	gths(n	n): 6.1, A-Ider	nt Num	ber:)	
Special Feat	tures						
Special Feat	ure					Х	
(Type:)							
Special Feat	ure					Х	
(Type :)							
	face/Deck Top	Detail R	atinas	3			
y	N (%)	1 (%)	<u> </u>	2 (%)	3 (%)		
Last	10	(- (
Now	5.0	0.0))	0.0	0	.0	1
Wearing Sur			-		5	5	(5 longitudinal cracks in asphalt between girders. 04Mar2010) -
	ype : ACP - C		ΓΙΟΝΑ		-	-	Chipseal covered.
(Thickness						/	-
Lateral Conn	ection Problem	n Y	es				
(Y/N) Deck Top					N	N	
Deck Rideab	oility				6	6	
Deck Joints					N	N	Paved over.
Bump (Y/N)	N	0			1	
Deck Draina	ge				7	7	_
Drains Clo	gged (Y/N)	N	0				
Curbs/Media	n				4	4	Severe scaling E curb face, exposing rebar.
(Curb Type	e : Standard)						
Scaling (Pe	ercent Area)	20	0				
Bridge Rail					6	6	Single layer.
(Type : GA	LVANIZED ST	FEEL FL	EX BI	EAM)			
Bridge Rail F				,	6	6	
	ST STEEL;PC	OST STE	EL)				
· · · ·	Posts Coating				4	7	Posts have paint with 60% rusting/pitting and rate 4.
	LVANIZED)						
Sidewalk	/				Х	X	
Girder Detail	Ratings					1	
	N (count)	1 (coun	nt)	2 (count)	3 (cou	int)	
Last		i (oour	,		0 (000		
Now	0	0		0		0	1
Girders	-			-	6	6	Wide longitudinal crack in G10 one leg outside AZ.
	te Inspection D	Date 0	8-Feb	-2013			
Cracking (· · · · · · · · · · · · · · · · · · ·		es	_0.0			1
	ercent Area)	0					1
Lift or Conne Grouted (Y/N	ctor Pocket		es				
(Number Of	· · · · · · · · · · · · · · · · · · ·						
	nent Problem	s					
Vertical (Y/		N	0				
Horizontal		N					
1	ure General R				6	6	

Alberta Transportation

					Subst	ructure
Bridge Com	ponent			Last	Now	Explanation of Condition
Abutments						
(Extended	Backwall Piles	s (Y/N) : Y)				
(Extended	Backwall Piles	s Spacing(mm	n) : 1500)			
(Total Numb	er of Caps/Co	rbels : 3:3)				
Bearing Seat	ts/Caps/Corbe	els Detail Ratir	ngs			
	N (count)	1 (count)	2 (count)	3 (cou	nt)	
Last						
Now	0	0	0	(0	
Bearing Seat	ts/Caps/Corbe	els		6	6	
(Type : TR	EATED TIMB	ER)				
(Depth(mm						
(Width(mm	· · · · · · · · · · · · · · · · · · ·					
Backwalls/Br	· · · · · · · · · · · · · · · · · · ·			5	5	
Greatest H		1.90				
Wingwalls		1.00		5	5	(SE wing pile damaged/rotted - photo. 04Mar2010) - Unablet confirm
Thightand						pile due to snow.
(Total Numb	er of Bearing I	Piles : 6:7)				_
Piles Detail F	Ratings					_
	N (count)	1 (count)	2 (count)	3 (cou	nt)	
Last						
Now	0	0	0		0	
Piles				6	6	
Paint/Coating	g			X	X	
Abutment Sta	ability			6	6	Timber bearing piles are not anchored.
Scour/Erosic	n			6	6	Estimate 0.4m scour hole under bridge.
Diara/Danta						
Piers/Bents						
(Type:)						-
	er of Caps/Co	· · · · · · · · · · · · · · · · · · ·				-
Dearing Sear	ts/Caps/Corbe	1 (count)	2 (count)	3 (cou	(hai	-
Last				S (COU	nu)	-
Last						-
Now	to/Cono/Cort			X	v	-
	ts/Caps/Corbe	513		^	X	
(Type :)	2) •)					1
(Depth(mm	· · · ·					-
(Width(mm	· · · ·					
	er of Bearing I	riles:)				-
Piles Detail F		1 (000001)	2 (22111)	0./	(mt)	1
Leat	N (count)	1 (count)	2 (count)	3 (cou	iii()	-
Last Now						1
				X	v	-
Pier Shaft/Pi				X	X	-
Greatest H				N N	v	
Bracing/Strut	is/oneathing			X	X	
Nose Plate				X	X	
Paint/Coating	*			Х	Х	
	escription :)					-
(Colour Co	ode:)					

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		Х	X	
Scour		х	X	
Debris (Y/N)	No			
Substructure General Rating		6	6	
		S	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Flow follows ditch SW and turns 90 degree into bridge - no action.
(D/S Direction : E)				
Alignment		4	4	
Bank Stability		7	7	
HWM (m below Top of Curb)				No HWM visible.
Drift (Y/N)	No			
Slope Protection		7	7	
(Type : NATURAL; NATURAL	.)			
Guidebank/Spurs		X	X	
Adequacy of Opening		5	5	
(Fish Compensation Measure 1	: NONE)			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		4	4	

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			Maintenance Recommendations	endations					
Inspector Recommendations	Year	Inspector	Inspector Comments	Department Comments	ments		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2013	Paint or re	Paint or recondition the posts.						
SEAL CURBS	2013	Patch scaled curb	aled curb 0.2m3 OH-V.						
PATCH DECK									
OVERLAY DECK									
STRAIGHTEN/REPLACE MEMBERS									
WASHING									
SHOTCRETE REPAIRS									
CORE TIMBER CAPS/CORBELS									
REPAIR/REPLACE TIMBER CAPS									
REPAIR ABUTMENT SCOUR/EROSION	7								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION	2013	Reinstall	Reinstall hazard marker to meet standard.						
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/Now)	v) 66.7/66.7		Sufficiency Rating (Last/Now)	65.9/60.7	Est. Repl. Yr	2021	Maint. Reqd. (Y/N)		Yes
			(a.)						
Special Comments for Next Inspection				Department Comments					
Maintenance Reviewed By				Date		Ш	Estimated Total	0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
Previous Inspector's Name	Owen Salava		Previor	Previous Assistant's Name					
Next Inspection Date 0	08-May-2016		Previou	Previous Inspection Date	04-Mar-2010				
Inspection Cycle (Default) (months)	39								
Comment									

			Maintenance Recommen	dations						
Inspector Recommendations	Yea	r	Inspector Comments	Department (Commer	nts		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2013	3	Paint or recondition the posts.	Defer to repla	acement	t		2023		
SEAL CURBS	2013	3	Patch scaled curb 0.2m3 OH-V.	Defer to repla				2023		
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS	;									
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS										
REPAIR ABUTMENT SCOUR/EROS	ION									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION		3	Reinstall hazard marker to meet standard.	Sent to Operations						
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
OTHER ACTION										
	low) 66.7	/66.	7 Sufficiency Rating (Last/Now) (%)	65.9/60.7	Es	t. Repl. Yr	2021	Maint. Re	qd. (Y/N)	Yes
OTHER ACTION Structural Condition Rating (Last/N	low) 66.7	/66.		65.9/60.7 Department Comments				Maint. Re		Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for	low) 66.7 Chris Black			Department		Repalcemen			or 2023	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection				Department Comments	Bridge	Repalcemen		g Programmed f	or 2023	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By				Department Comments	Bridge	Repalcemen		g Programmed f	or 2023	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy				Department Comments	Bridge	Repalcemen		g Programmed f	or 2023	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N)				Department Comments	Bridge 30-Apr	Repalcemen		g Programmed f	or 2023	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy On 3-Year Program (Y/N) Proposed Action	Chris Black	/a	(%)	Department Comments Date	Bridge 30-Apr	Repalcemen		g Programmed f	or 2023	Yes

Comment