							:	Bridge Ir	nspec	tion							
Bridge File Num	ber	80449	9 -2	Bridge					Form	Туре			PCS				
Year Built/Year		2003/	/200	3					Lot N				4				
·	Nama	SDDII	NG (COLLE						ector N			Jon Davies				
	Name		- IRRIGATION C, WATERC			RS-I	IC.	Inspector Class			BR CLS B						
Located On Water Body CI./Year Navigabil. CI./Year Legal Land Location Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Skew AADT/Year Road Classification Detour Length (km) Allowable Load (t): Single Design Loading: Required Load Posting (t) Posted: Lane Remarks Not req. Confirmed load Hazard Marker At Bridge (Y/N) No Remarks Other Sign Types Lane Locate Road WSEC 30 TW SW SEC 30 TW SEC 30				714 0, 117	VI LIVO	1101			Assistant Name Assistant Class								
	Year	2007	\L I\	OND									04.11 0040				
Pear Built/Year Supstr Bridge or Town Name SPRING CO Located Over SMR - IRRIC Located On LOCAL ROA Water Body Cl./Year Navigabil. Cl./Year Legal Land Location SW SEC 30 Longitude, Latitude -112:57:18, Road Authority Alberta Tran Contract Main. Area UNDEFINED Clear Roadway/Skew 7.2 / AADT/Year 15 / 2003 (E Road Classification RLU-207G-6 Detour Length (km) 2 Allowable Load (t): Single Design Loading: Required Load Posting (t) Posted: Lane EB Posted: Lane WB Remarks Not req. Confirmed Hazard Marker At Bridge (Y/N) N Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks None visible Horizontal Alignment Vertical Alignment Roadway Width (m) Approach Bump								<u> </u>	Inspection Date 24-Nov-2012								
Supstr Bridge or Town Name SPRIN Located Over SMR - Located On LOCAL Water Body Cl./Year Navigabil. Cl./Year Legal Land Location SW SE Longitude, Latitude -112:57 Road Authority Alberta Clear Roadway/Skew 7.2 / AADT/Year 15 / 20 Road Classification RLU-20 Detour Length (km) 2 Allowable Load (t): Single Design Loading: Required Load Posting (t) Posted: Lane EB Posted: Lane WB Remarks Not req. Confi Hazard Marker At Bridge (Y/N) Remarks Other Sign Types Utility Attachments Telephone Power Others Remarks None visible Horizontal Alignment Vertical Alignment		SEC	30 TWP	4 RGF 2	22 W/4N	Λ		Data Entry By Kelsey Roberts									
							•					03-Jan-2013					
		Alberta Transpor			eportation (AIT)					Reviewer Name			Garry Roberts				
Longitude, Latitude Road Authority Contract Main. Area Clear Roadway/Skew Clear Roadway/Skew AADT/Year Road Classification Detour Length (km) Allowable Load (t): Single Design Loading: Required Load Posting (t) Posted: Lane Posted: Lane Remarks Not req. Confit Hazard Marker At Bridge (Y/N) Remarks			·		• /				ew Dat			02-Dec-2012					
Clear Roadway/	Skew								·		wer Na		Tim Davies				
			2003	(E)						Dept. Review Date Follow-Up By		08-Jan-2013	3				
	ion								Follo	w-Up E	ЗУ						
Detour Length (I	km)	2															
		gle				Semi				-	Train				> On Critic	al Spans ember	
Design Loading:						<u>'</u>									> Primary	Span	
							Po	osting Ir	nforma	ation							
Required Load F	Posting	(t)			Single				5	Semi				Truc	k Train		
Posted Loading	(t)				Single				S	Semi				Truc	k Train		
Posted:	Lane	EE	В		At Junc	tion (Y/	/N)	No	li	n Adva	ance (Y	/N)	No	At B	ridge (Y/N)	No	
Posted:	Lane	W	B_		At Junc	tion (Y/	/N)	No	lı	n Adva	ance (Y	/N)	No	At B	ridge (Y/N)	No	
Remarks	Not re	q. Cor	nfirm	ed loadi	ng inforn	nation.	Assı	umed CS	S 750 d	due to	girder t	уре.					
Hazard Marker A	At Bridg	ge (Y/ N	N)	No													
Remarks																	
Other Sign Type	s																
							Ut	ilities (L	Locate	ed at)							
	nts																
									Gas								
									Muni								
									Probl	lem (Y	/N) N	0					
Remarks	None	visible	9														
								Approa Now			n of Co	ndi	tion				
Horizontal Align	ment						Last 8	5		acces		mui	lion				
							8	5	- I leid	acces	3						
				7.200													
				7.200			6	6									
				No													
Guardrail							Х	X									
Length (m)																	
Current Standa	ard (Y/	N)															
Termination Ty		,															
Drainage	•						7	7									
Approach Road	d Gene	ral Ra	ating	1			8	5									

							tructure
					Last		Explanation of Condition
(Primary Spar	ո : SC, 4 Spa ı	ns, Le	ngths(n	n): 10-8-8-10,	A-Iden	t Numb	per:)
Special Feat	ures						
Special Featu	ire					X	
(Type:)							
Special Featu	ire					X	
(Type:)							
Wearing Surfa					3 (%)		
	Expe :) Becial Feature Type :) Berial Feature Type :) Baring Surface/Deck Top Detail Ratings In (%) 1 (%) 2 (%) But 0 0 0 0 But 0.0 0.0 0.0 But 0.0 0.0 But 0.0 0.0 But 0.0 0.0 But 0.0 0 0 0 But 0.0						
Last	0		0	0		0	
Now	0.0		0.0	0.0	0	.0	
Wearing Surfa	ace				X	X	
(Material Ty	rpe :)						
(Thickness(mm) :)						
	ection Problem	n					
					0		
Deck Rideability Deck Joints Bump (Y/N) Deck Drainage Drains Clogged (Y/N) No					8	8	
Deck Rideabi	litv				8	8	
Deck Joints					8	8	
Bump (Y/N)			No				
Deck Drainag	е				8	8	Drains off to the sides of the bridge. No drains.
Drains Clog	ged (Y/N)		No				
Curbs/Mediar	1				Х	X	
(Curb Type	: Standard)						
Scaling (Pe	rcent Area)						
Bridge Rail					8	8	
(Type : FLE	X BEAM)						
Bridge Rail Po	osts				8	8	
(Type : GAI STEEL)	VANIZED PO	OST S	TEEL;G	ALVANIZED	POST		
Bridge Rail/Po	osts Coating				8	8	
(Type : PAI	NT)						
Sidewalk					Х	Х	
Girder Detail	Ratings						
	<u> </u>	1 (co	unt)	2 (count)	3 (cou	ınt)	
Last	0		0	0		0	
Now	0		0	0	0		
Girders					7	7	Spalls in G-3 S-2, G-3 S3, G-4 S-3 all
Last Complet	e Inspection D	Date	24-Nov	-2012			minor spalls from installation. Hairline D-crack at P3 Sp4-G1. No corrosion stains.
Cracking (Y	/N)		Yes				Training B Grack at 1 0 op4 off two corresion stains.
			Yes				
(Number Of Girders : 24)							
Span Alignm	ent Problems	s					
			No				
Wearing Surface (Material Type:) (Thickness(mm):) Lateral Connection Problem (Y/N) Deck Top Deck Rideability Deck Joints Bump (Y/N) No Deck Drainage Drains Clogged (Y/N) No Curbs/Median (Curb Type: Standard) Scaling (Percent Area) Bridge Rail (Type: FLEX BEAM) Bridge Rail Posts (Type: GALVANIZED POST STEEL;GALVAN STEEL) Bridge Rail/Posts Coating (Type: PAINT) Sidewalk Girder Detail Ratings N (count) 1 (count) 2 (count) Last 0 0 0 Girders Last Complete Inspection Date 24-Nov-2012 Cracking (Y/N) Yes Spalling (Percent Area) 1 Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 24) Span Alignment Problems Vertical (Y/N) No							
(Material Type:) (Thickness(mm):) Lateral Connection Problem (Y/N) Deck Top Deck Rideability Deck Joints Bump (Y/N) Deck Drainage Drains Clogged (Y/N) Curbs/Median (Curb Type: Standard) Scaling (Percent Area) Bridge Rail (Type: FLEX BEAM) Bridge Rail Posts (Type: GALVANIZED POST STEEL;GALVAN STEEL) Bridge Rail/Posts Coating (Type: PAINT) Sidewalk Girder Detail Ratings N (count) Last O O Now O Girders Last Complete Inspection Date Cracking (Y/N) Spalling (Percent Area) Lift or Connector Pocket Grouted (Y/N) (Number Of Girders: 24) Span Alignment Problems Vertical (Y/N) No					7	7	

					Subst		
Bridge Com	ponent			Last	Now		
Abutments							
	Backwall Piles						
(Extended Backwall Piles Spacing(mm) : 1400)							
(Total Number of Caps/Corbels : 1:1)							
Bearing Seats/Caps/Corbels Detail Ratings							
_	N (count) 1 (count) 2 (count)						
Last	0	0	0		0		
Now	0	0	0		0		
Bearing Seats/Caps/Corbels				8	8		
(Type : ST							
(Depth(mm	· · · · · · · · · · · · · · · · · · ·						
(Width(mm							
Backwalls/Bi				8	7		
Greatest H	leight (m)	0.60					
Wingwalls				8	X		
/T-4-1 N	an af Daaring	Olleg (E.E.)					
	er of Bearing F	riies : 5:5)					
Piles Detail F	2 (22)	4\					
Last	N (count)	1 (count)	2 (count)				
Last	0	0	0		0		
Now	0	0	0		0		
Piles				8	8		
Paint/Coating	g			6	6		
Abutment St	ability			8	8		
Scour/Erosic	on			8	7		
Piers/Bents							
	er of Caps/Cou	thole : 4.4.4\					
	er of Caps/Corbe		nge				
bearing Seat	ts/Caps/Corbe N (count)		2 (count)	3 (cou	ınt\		
Lact		1 (count)					
Last Now	0	0	0		0		
	to/Cana/Carba	0	0		0		
	ts/Caps/Corbe	15		9	8		
(Type : ST							
(Depth(mm	· · · · · · · · · · · · · · · · · · ·						
(Width(mm	· · ·):					
	er of Bearing F	riies : 5:5:5)					
Piles Detail F		1 (000001)	2 (55.1.54)	2./	ınt\		
Last	N (count)	1 (count)	2 (count)	3 (cou			
Last	0	0	0		0		
Now	0	0	0		0		
Pier Shaft/Pi				9	8		
Greatest H		5.10					
Bracing/Stru	ts/Sheathing			X	X		
Nose Plate				X	X		
Nose Plate				_ ^	_ ^		
Paint/Coating	g			6	6		
	escription:)			<u>'</u>			
	(Colour Code :)						
,	- /						

			Subat	ruoturo
Bridge Component		Last		ructure
			Now 8	Explanation of Condition
Pier Stability		8	0	
Scour		7	7	
Debris (Y/N) No				
Substructure General Rating			8	
		5	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		9	9	
Bank Stability		7	7	
HWM (m below Top of Curb)	2.3			No HWM visible
Drift (Y/N)	No			
Slope Protection		7	7	
(Type: RIP RAP; RIP RAP)				
Guidebank/Spurs		X	Х	
Adequacy of Opening			9	
(Fish Compensation Measure 1	· · · · · · · · · · · · · · · · · · ·			
(Fish Compensation Measure 2	: NONE)			
Channel General Rating		9	7	

		Maintenanc	e Recommen	dations					
Inspector Recommendations	Year	Inspector Comments		Department Comm		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/EROSIC	N								
PLACE ADDITIONAL RIP RAP									
REMOVE DRIFT ACCUMULATION									
INSTALL STRUTS									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
OTHER ACTION									
Structural Condition Rating (Last/No (%)	ew) 83.3/83	.3 Sufficiency Rating (L	.ast/Now)	91.7/77.2	Est. Repl. Yr	2043	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection		•	,	Department Comments			,		
Maintenance Reviewed By				Date		E	stimated Tota	I 0	
Proposed Long-Term Strategy									
On 3-Year Program (Y/N)									
Proposed Action									
T TOPOGGA AUTON									
Previous Inspector's Name	Tim Davies		Previous	Assistant's Name					
Next Inspection Date	24-Aug-2017		Previous	us Inspection Date 12-Sep-2007					
Inspection Cycle (Default) (months)	57								
Comment									