Bridge Inspection & Maintenance System (Web 2005)

						В	ridge Ir	nspection	ו						
Bridge File Num	ber	07683 -1	Bridge					Form Ty	ре			PCS			
Year Built/Year		1969/196	9					Lot No.				1			
Supstr								Inspecto	r Nam	ne		Owen Salav	а		
Bridge or Town		OYEN						Inspecto	or Clas	s		BR CLS A			
Located Over		SOUNDI		EK, 4.4, V	VATER	CRS	S-ST	Assistar	t Nam	ne					
Located On		41:12 C1	19.983					Assistar	t Clas	s					
Water Body CI./								Inspection	on Dat	te		18-Jul-2012			
Navigabil. Cl./Ye	ear							Data En	try By			Marcia Chav	/ez		
Legal Land Loca	ation	SE SEC	15 TWP :	30 RGE 4	W4M			Data En		te		01-Aug-2012	2		
Longitude, Latitu	ıde	-110:28:2	6, 51:34:	:00				Reviewe	-			John O'Brier			
Road Authority		Alberta T	ransporta	ation (AIT)			Review				31-Jul-2012			
Contract Main. A	Area	CMA22						Dept. Re		er Na	ame	Andrew Smi	kles		
Clear Roadway/	Skew	12.8 / 0 d	eg.					Dept. Re				02-Aug-2012			
AADT/Year		570 / 201	1 (A)					Follow-L		Duit	,	02 / lug 2012	-		
Road Classificat	ion	RAU-211	.8-110						,p Dy						
Detour Length (I	(m)	8													
Allowable Load	(t): Sin	gle CS1 GIRI			Semi		32 49 RDER		Tra	ain		3 65 RDER		> On Critic >Critical M	
Design Loading:		HS2	0											> Primary	Span
						Po	sting Ir	nformatio	on						
Required Load F	Posting	(t)		Single				Sen	ni				Truc	k Train	
Posted Loading	(t)			Single				Sen	ni				Truc	k Train	
Posted:					ion (Y/N	Y/N) No		In Advance (Y/N)		/N)	No			No	
Posted:	Lane				ion (Y/N	l)	No	In A	dvanc	e (Y	/N)	No	At Bridge (Y/N)		No
Remarks	Not re	equired.													
Hazard Marker	At Bridg	je (Y/N)	Yes												
Remarks			Mounte	d @ 1st g	uardrai	po	st, too lo	ow (1.0m	to bot	tom)					
Other Sign Type	s														
			1			Uti	lities (L	ocated a	ıt)						
Utility Attachmer	nts														
Telephone		West atta abutment		curb. Telu	us also a	alon	g	Gas							
Power		s 23.0m E						Municipa							
Others		station Ea		dge, r/w.				Problem	(Y/N)	Y	es				
Remarks		uit separa)10).										
					, 		Ap <u>proa</u>	ch Road							
					La	ast	Now	Explana	tion o	of Co	ondi	tion			
Horizontal Aligni	ment					7	7					on hills only.			
Vertical Alignme	nt					7	7]			2				
Roadway Width			11.500					Ravellin	g in A	CP a	at ab	uts.			
Approach Bump						4	4	1		-					
Guardrail (Y/N)			Yes					Missing	4 splic	e bo	olts a	at NE.			
Guardrail						4	4	3	-1						
Length (m)			26.000					1							
Current Standa	ard (Y/	N)	No					Not thrie	beam						
Termination Ty		-/	Turned	Down											
Drainage	, 20		rannou	20111		N	7								
Approach Road	l Gene	ral Rating	1			7	7								

Now 0.0 0.0 0.0 0.0 Wearing Surface (Material Type : ACP) (Thickness(mm) : 50) A 4 4 Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP btwn units. Wide cracks over piers and abut. Chickness(mm) : 50) N N Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP btwn units. Wide cracks over piers and abut. Deck Top N N N Paved over. Deck Rideability V N N ACP covered. Bump (Y/N) No A ACP covered. ACP covered. Deck Rideability N N ACP covered. ACP covered. Bump (Y/N) No A A ACP covered. Curbs/Median I I I I Curbs/Median I I I I Bridge Rail Posts 7 7 7 Type : GALVANIZED STEEL;GALVANIZED TEL;GALVANIZED TEL;GAL						Supers	tructure
Special Features X Cype 1 X Special Feature X Cype 2 X Wearing Surface/Deck Top Detail Ratings X Waring Surface/Deck Top Detail Ratings X Wearing Surface/Deck Top Detail Ratings X Wearing Surface/Deck Top Detail Ratings X Wearing Surface 4 4 Appendix Type : ACP) Cracks in ACP blann units. Wide cracks over pers and abut. (Thickness(nm) : 50) Statest N Lateral Connection Problem (YN) N N Deck Rideability T 7 Deck Rideability V N Deck Joints N N Bump (YN) No S3G1 minor spall at South end. Grader scrapes. (Curb Type : Standard) Standard Sage and south end. Grader scrapes. Charleg Rail Poats T T T (Type : GALVANIZED POST STEEL; GALVANIZED POST Sagor mancor holds just flush. Missing 8 aplice bolts. SE not connected property. Ridge Rail Poats T T T M (count) <	Bridge Com	ponent			Last	Now	Explanation of Condition
Special Feature I X (Type :) V X (Material Type : ACP) V X (Material Type : ACP) V X Eater Connection Problem No No Acphale stops 700mm from curb outside of driving lanes. Long. cricks in ACP bwn units. Wide cracks over plers and abut. (Trickness(mm) : 50 V V V Acphale stops 700mm from curb outside of driving lanes. Long. cricks in ACP bwn units. Wide cracks over plers and abut. (Trickness(mm) : 50 V V Y Y Deck Clobelet Type : Standardy No No ACP covered. Bridge Rail Posts Coaling (Parcent Area) T Y Y (Type : GALVANIZED FOST STELL FLEX BEAU Y Y Y (Trigge Rail Post Coaling (Y/N) Y Y	(Primary Spa	an : HC, 3 Spar	ns, Lengths	m): 6.1-8.5-6.1	l, A-Ide	nt Nun	nber:)
(Type :) x Special Feature x (Type :) x Wearing Surface/Deck Top Detail Ratings x Last 5 0 0 N(%) 1 (%) 2 (%) 3 (%) Variang Surface/Deck Top Detail Ratings 4 4 Variang Surface 4 4 (Material Type : ACP) (Thickness(nm) : 50)	Special Feat	ures					
Special Feature I <thi< th=""> I I</thi<>	Special Feat	ure				X	
(Type :) Waaring Surface/Deck Top Detail Ratings Note Surface/Deck Top Detail Ratings Waaring Surface/Deck Top Detail Ratings 0 0.0 0.0 New 0.0 0.0 0.0 0.0 Marine Surface 4 4 Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP town units. Wide cracks over piers and abut. (Thickness(mm):: 50) Sore N N N Deck Top :: Top : Top	(Type :)						
Wearing Surface/Deck Top Detail Ratings Image: Surface/Deck Top Detail Ratings Surface/Deck Top Detail Ratings N(%) 1 (%) 2 (%) 3 (%) Now 0.0 0.0 0.0 0.0 Now 0.0 0.0 0.0 0.0 Wearing Surface/Undeck Source Problem Now Asphalt stops 700mm from curb outside of driving lanes, Long, Cracks in ACP Othen units. Wide cracks over piers and abut. Unitarial Connection Problem No N N Asphalt stops 700mm from curb outside of driving lanes, Long, Cracks in ACP Othen units. Wide cracks over piers and abut. Unitarial Connection Problem N N N Paved over. Deck Joints V V N N ACP covered. Bump (YIN) N V N N ACP covered. Deck Joints V V Y SGG1 minor spall at South end. Grader scrapes. Curbs/Median V V Y Y SGG1 minor spall at South end. Grader scrapes. Curbs/Median V Y Y Y SGG1 minor spall at South end. Grader scrapes. Grade Rail Posts Y Y Y Y	Special Feat	ure				X	
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Last 5 0 0 0 Now 0.0 0.0 0.0 0.0 0.0 Wearing Sufface 4 4 Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP bivm units. Wide cracks over piers and abut. (Material Type : ACP) N N Paradecks in ACP bivm units. Wide cracks over piers and abut. (Material Type : ACP) N N N Paved over. Charles Image Raines N N N Paved over. Deck Rideability No N N ACP covered. Bump (Y/N) No N ACP covered. ACP covered. Deck Joints N N ACP covered. SaG1 minor spall at South end. Grader scrapes. Curbs Median I Image Rail Posts 7 7 Bridge Rail Posts 7 7 7 Bridge Rail Posts 7 7 7 Bridge Rail Posts 7 7 7 Indige Rail Posts 7 7 7 Bridge Rail Posts </td <td>Wearing Surf</td> <td>ace/Deck Top</td> <td>Detail Rating</td> <td>js</td> <td></td> <td></td> <td></td>	Wearing Surf	ace/Deck Top	Detail Rating	js			
Now 0.0 0.0 0.0 0.0 Wearing Sufface ACP 4 4 Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP bivm units. Wide cracks over piers and abut. (Mitterial Type : ACP) N N Scalar abult. Cracks in ACP bivm units. Wide cracks over piers and abut. (Thickness(rm): 50) N N N Paved over. Deck Top N N N Paved over. Deck Rideability No N N ACP covered. Bump (V/N) No T T T Deck Drainage T T T T Drains Clogged (Y/N) No T SGG1 minor spall at South end. Grader scrapes. Curb StMedian 4 4 SGG1 minor spall at South end. Grader scrapes. Connected property. Stating (Parcent Area) 1 T T T T (Type : GALVANIZED STEEL; FLEX BEAM) T T T Stating Roron Area 1 T T Stretge Rail/Posts 0 <t< td=""><td></td><td>N (%)</td><td>1 (%)</td><td>2 (%)</td><td>3 (%)</td><td></td><td>_</td></t<>		N (%)	1 (%)	2 (%)	3 (%)		_
Waaring Surface 4 4 Asphalt stops 700mm from curb outside of driving lanes. Long. cracks in ACP btwn units. Wide cracks over piers and abut. (Material Type : ACP) No cracks in ACP btwn units. Wide cracks over piers and abut. (Thickness(mm) : 50) No cracks in ACP btwn units. Wide cracks over piers and abut. Deck Top N N Paved over. Deck Rideability T 7 7 Deck Joints N N ACP covered. Bump (Y/N) No ACP covered. S3G1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 Single layor. SaG1 minor spall at South end. Grader scrapes. Curbs/Median (Curb Type : Standard) T Fost connected property. SaG1 minor spall at South end. Grader scrapes. Crype : GALVANIZED STEEL FLEX BEAM) Single layor. Fost connected property. Sonie connected property. Bridge Rail Posts T T T T Girder Detail Ratings X X X X Girder Detail Ratings 18-JUI-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. midspan alo	Last	5	0	0		0	-
(Material Type : ACP)	Now	0.0	0.0	0.0	0	.0	
Invidence Type _ ACP	Wearing Surf	face			4	4	Asphalt stops 700mm from curb outside of driving lanes. Long.
Lateral Connection Problem (YNN) No N Paved over. Deck Rideability V Y Y Y Deck Rideability No No ACP covered. Bump (Y/N) No ACP covered. Deck Drainage Y Y Y Drains Clogged (Y/N) No ACP covered. Curb NMedian Y Y Y Curb Type : Standard) Y Y Y Scaling (Percent Area) 1 Y Y Bridge Rail Y Y Y Y Type : GALVANIZED STEEL FLEXEW Y Y Y Bridge Rail Y Y Y Y Type : GALVANIZED POST STEEL;GALVANIZED Y Y Sidewalk X X X Girder Detall Ratings X X X Ist Complete Inspection Date 1 3 3 Last Complete Inspection Date 18-JUI-2U1 Y SaGT has wide crack in AZ both legs in un-sound concrete, spalling Midspan along W leg. Y Spalling (Percent Area) 1 Y Y Last Complete Inspec	(Material T	ype : ACP)					cracks in ACP bitwn units. Wide cracks over piers and abut.
(Y/N)NNPaved over.Deck RideabilityV777Deck RideabilityV777Deck JointsNoNACP covered.Burnp (Y/N)NoT77Deck DrainageT777Deck DrainageT777Deck DrainageT777Deck DrainageT777Curbs/Median444Scaling (Percent Area)1Single layer.Bridge RailFLEXFLEXFLEXBridge Rail/Posts777(Type : GALVANIZED DTST STEEL; GALVANIZED DTST77SidewalkXXXSidewalk12 (count)3 (count)Ist Complete Inspection Date18-Jul-2012Sid7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 rass wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 rass wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 rass wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Sid7 rass wide crack in AZ both legs in AZ of both legs but in sound concrete.Spalling (Percent Area)122Sid7 rass wid	(Thickness	(mm) : 50)					_
N N ACP covered. Bump (Y/N) No ACP covered. Bump (Y/N) No ACP covered. Deck Jorinage 7 7 Drains Clogged (Y/N) No ACP covered. Curbs/Median 4 4 Curbs/Median 4 4 Scaling (Percent Area) 1 Sigle layer. (Type : GALVANIZED STEEL FLEX BEAM) Fost connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Single layer. Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Y Sidewalk X X Sidewalk X X Sidewalk 1 2 N (count) 1 (count) 2 (count) 3 (count) Girder Detail Ratings 1 2 Sider and an one sound concrete, spalling midspan along W leg. Spaling (Percent Area) 1 2 Siders with wide long, cracking in 1 leg in AZ. Last 0 0 1 2 Cracking (Y/N) Yes 2	Lateral Conn (Y/N)	ection Problem	No				
Deck Joints No ACP covered. Bump (YN) No ACP covered. Deck Drainse 7 7 Drains Clogged (Y/N) No S3G1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 SaG1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 SaG1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 SaG1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 SaG1 minor spall at South end. Grader scrapes. Scaling (Percent Area) 1 5 Sag1 minor spall at South end. Grader scrapes. Type : GALVANIZED STEEL FLEX BEAM) Sounected properly. Sounected properly. Bridge Rail/Posts Coating 7 7 Type : GALVANIZED STEEL;GALVANIZED FOST	Deck Top				N	N	Paved over.
Bump (Y/N) No 7 7 Deck Drainage 7 7 7 Drains Clogged (Y/N) No 53G1 minor spall at South end. Grader scrapes. Curbs/Mediar 4 4 53G1 minor spall at South end. Grader scrapes. Curbs/Mediar 1 53G1 minor spall at South end. Grader scrapes. Stating (Percent Area) 1 53G1 minor spall at South end. Grader scrapes. Type : GALVANIZED STEEL FLEX BEAM) 53G1 minor spall at South end. Grader scrapes. 50 connector bolts just flush. Missing 8 splice bolts. SE not connected property. Bridge Rail Posts 7 7 7 Steel 7 7 7 Grade Rail/Posts Coating 7 7 7 Grider Detail Ratings X X X Girder Detail Ratings 5 5 5 Grade Isoperion Date 18-Jul-2012 5 5 Grader (Y/N) Yes 13 3 Last Complete Inspection Date 18-Jul-2012 5 Grader (Y/N) Yes 5 5 <	Deck Rideab	ility			7	7	
Deck Drainage 7 7 Drains Clogged (Y/N) No S3G1 minor spall at South end. Grader scrapes. Curbs/Median 4 4 4 (Curb Type : Standard) Sading (Percent Area) 1 Scaling (Percent Area) 1 Single layer. Pridge Rail 4 4 4 (Type : GALVANIZED STEEL FLEX BEAM) Post connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail Posts 7 7 Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST Sidewalk X X X Girder Detail Ratings 7 7 N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 1 Girders 3 3 3 3 Last Complete Inspection Date 18-Jul-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. 25 girders with wide long. cracking in 1 leg in AZ. Starting (Y/N) Yes 1 25 girders with wide long. cracking in 1 l	Deck Joints				N	N	ACP covered.
Drains Clogged (Y/N) No 4 4 Curbs/Median 4 4 4 Curbs/Median 4 4 4 Curbs/Median 1 5 5 Scaling (Percent Area) 1 4 4 Bridge Rail 5 5 5 (Type : GALVANIZED STEEL FLEX BEAM) 7 7 Trype : GALVANIZED FOST STEEL; GALVANIZED POST STEEL / Galvanize / Trype : GALVANIZED / Trype :		•	No				
Curbs/Median 4 4 4 53G1 minor spall at South end. Grader scrapes. (Curbs/Median 1 53G1 minor spall at South end. Grader scrapes. Single layer. Scaling (Percent Area) 1 7 7 Bridge Rail 4 4 Single layer. (Type : GALVANIZED STEEL FLEX BEAM) Post connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail/Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED 7 Sidge Rail/Posts Coating 7 7 (Type : GALVANIZED) 7 7 Sidgewalk X X X Girder Detail Ratings X X X Girders 3 3 3 Last 0 0 0 1 Gracking (Y/N) Yes SiG7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along Wiley. Spalling (Percent Area) 1 25 SiG7;52G5:7:10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete.	Deck Draina	ge			7	7	-
(Curb Type : Standard) 1 I Scaling (Percent Area) 1 4 4 Bridge Rail 4 4 4 (Type : GALVANIZED STEEL FLEX BEAM) Fost connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail/Posts 7 7 Type : GALVANIZED FOST STEEL; GALVANIZED POST STEEL; GALVANIZED POST 7 7 Steel 7 7 7 (Type : GALVANIZED OST STEEL; GALVANIZED POST 7 7 Steel 7 7 7 (Type : GALVANIZED OST STEEL; GALVANIZED POST 7 7 Steel 7 7 7 (Type : GALVANIZED 7 7 7 (Type : GALVANIZED OST STEEL; GALVANIZED POST 7 7 (Type : GALVANIZED OST STEEL; GALVANIZED POST 7 7 (Type : GALVANIZED OST Steel (SALVANIZED) 7 7 Sidewalk X X X Girder Detail Ratings X X Last 0 0 2 Now 0 0 1 Cracking (Y/N)	Drains Clo	gged (Y/N)	No				
Scaling (Percent Area) 1 ✓ ✓ Bridge Rail ✓ 4 4 A Crype : GALVANIZED STEEL FLEX BEAM) For some connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Post connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail Posts 7 7 Crype : GALVANIZED POSTSTEEL;GLVANIZED POSTSTEEL;GLUXIZED 7 7 Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) 7 7 Sidewalk X X X Grider Detail Ratings X X X Girder Detail Ratings 3 3 3 Girder Detail Ratings 3 3 3 Girder Detail Ratings 3 3 3 Girder S 0 0 2 5 Now 0 0 1 5 Cracking (Y/N) Yes 3 3 SagG7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. S1G7:S2G7:10:11;S3G11 have wide cracks in AZ of both legs but in sound concrete, spalling midspan along W leg. S1G7:S2G7:10:11;S3G11 have wide cracks in AZ of both le	Curbs/Media	n			4	4	S3G1 minor spall at South end. Grader scrapes.
Bridge Rail 4 4 4 Single layer. (Type : GALVANIZED STEEL FLEX BEAM) Post connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED SCIENT SCIENT SCIENT SCIENT SC	(Curb Type	e : Standard)					-
(Type : GALVANIZED STEEL FLEX BEAM) Post connector bolts just flush. Missing 8 splice bolts. SE not connected properly. Bridge Rail Posts 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating 7 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL;G	Scaling (Pe	ercent Area)	1			-	
(1)pe: GALVANIZED STEEL FLEX BEAM 7 7 Bridge Rail Posts 7 7 (Type: GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST STEEL;GALVANIZED POST 7 7 Bridge Rail/Posts Coating 7 7 7 Girder SteEL X X X Sidewalk X X X Girder Detail Ratings X X X M (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 1 Girders 3 3 3 Last Complete Inspection Date 18-Jul-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. 25 girders with wide long. cracking in 1 leg in AZ. Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. S1G7:S2G5-7.10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. (Number Of Girders : 45) No 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems No 1 2 lift pockets, 1 connector pocket not grouted S1&2.	Bridge Rail				4	4	Single layer.
Bridge Rail Posts 7 7 7 (Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL) 7 7 Bridge Rail/Posts Coating 7 7 (Type : GALVANIZED) 7 7 (Type : GALVANIZED) 7 7 Sidewalk X X X Girder Detail Ratings X X X N (count) 1 (count) 2 (count) 3 (count) 1 Last 0 0 0 1 Girders 3 3 3 Last Complete Inspection Date 18-Jul-2U2 53G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. 25 girders with wide long, cracking in 1 leg in AZ. Spalling (Percent Area) 1 2 S1G7;S2G5,710-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. Span Alignment Problems Vertical (Y/N) No 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems Vertical (Y/N) No 2 lift pockets, 1 connector pocket not grouted S1&2.	(Type : GA	LVANIZED ST	EEL FLEX E	BEAM)		1	
STEEL) Bridge Rail/Posts Coating 7 Girder Rail/Posts Coating 7 (Type : GALVANIZED) Sidewalk X X Girder Detail Ratings X X Girder Detail Ratings 3 (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 2 Now 0 0 0 1 Girders 1 3 3 Last Complete Inspection Date 18-Jul-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling Megan along W leg. Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No S1G7 :S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. Querceal (Y/N) No 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems 2 lift pockets, 1 connector pocket not grouted S1&2. Vertical (Y/N) No 1 Horizontal (Y/N) No 1	Bridge Rail P	Posts			7	7	
(Type : GALVANIZED) Sidewalk X X Girder Detail Ratings X X I (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 Now 0 0 0 Girders 3 3 Last Complete Inspection Date 18-Jul-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. Span Alignment Problems 2 lift pockets, 1 connector pocket not grouted S1&2. Vertical (Y/N) No 2 Horizontal (Y/N) No 4	(Type : GA STEEL)	LVANIZED PO	ST STEEL;	GALVANIZED	POST		
Sidewalk X X X X Girder Detail Ratings N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 2 Now 0 0 0 1 Girders 3 3 3 Last Complete Inspection Date 18-Jul-2012 S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. 25 girders with wide long, cracking in 1 leg in AZ. S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. Span Alignment Problems No I 2 lift pockets, 1 connector pocket not grouted S1&2. Vertical (Y/N) No No I 2 lift pockets, 1 connector pocket not grouted S1&2.	Bridge Rail/P	osts Coating			7	7	
Girder Detail RatingsN (count)1 (count)2 (count)3 (count)Last0002Now0001Girders33Last Complete Inspection Date18-Jul-2012SaG7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. 25 girders with wide long. cracking in 1 leg in AZ. S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but 	(Type : GA	LVANIZED)					
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 2 Now 0 0 0 1 Girders 3 3 3 Last Complete Inspection Date 18-Jul-2012 Saga 3 Cracking (Y/N) Yes 5 Saga 7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Spalling (Percent Area) 1 Saga 7 has wide crack in AZ both legs in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No Saga 7 has wide crack in AZ both legs in AZ. Saga 7 has wide crack in AZ both legs in AZ. Span Alignment Problems Vertical (Y/N) No Saga 4 has a state of the context of the contex	Sidewalk				X	X	
N (count) 1 (count) 2 (count) 3 (count) Last 0 0 0 2 Now 0 0 0 1 Girders 3 3 3 Last Complete Inspection Date 18-Jul-2012 Saga 3 Cracking (Y/N) Yes 5 Saga 7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Spalling (Percent Area) 1 Saga 7 has wide crack in AZ both legs in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No Saga 7 has wide crack in AZ both legs in AZ. Saga 7 has wide crack in AZ both legs in AZ. Span Alignment Problems Vertical (Y/N) No Saga 4 has a state of the context of the contex	Girder Detail	Ratings					
Now 0 0 0 1 Girders 3 3 Last Complete Inspection Date 18-Jul-2012 Start Sta			1 (count)	2 (count)	3 (cou	int)	
Girders 3 3 Last Complete Inspection Date 18-Jul-2012 Cracking (Y/N) Yes Spalling (Percent Area) 1 Lift or Connector Pocket Grouted (Y/N) No (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No	Last	0	0	0		2	
Last Complete Inspection Date 18-Jul-2012 Cracking (Y/N) Yes Spalling (Percent Area) 1 Lift or Connector Pocket No Grouted (Y/N) No (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems 2 Vertical (Y/N) No Horizontal (Y/N) No	Now	0	0	0		1	
Cracking (Y/N) Yes S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems 4 Vertical (Y/N) No Horizontal (Y/N) No	Girders				3	3	
Cracking (Y/N) Yes S3G7 has wide crack in AZ both legs in un-sound concrete, spalling midspan along W leg. Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. Lift or Connector Pocket Grouted (Y/N) No S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems 4 Vertical (Y/N) No Horizontal (Y/N) No	Last Complet	te Inspection D	ate 18-Jul	-2012			
Spalling (Percent Area) 1 25 girders with wide long. cracking in 1 leg in AZ. Lift or Connector Pocket No S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No	Cracking ()	Y/N)	Yes				S3G7 has wide crack in AZ both legs in un-sound concrete, spalling
Lift or Connector Pocket Grouted (Y/N) No S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but in sound concrete. (Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems Vertical (Y/N) Vertical (Y/N) No	v `						midspan along W leg.
(Number Of Girders : 45) 2 lift pockets, 1 connector pocket not grouted S1&2. Span Alignment Problems Vertical (Y/N) Vortical (Y/N) No Horizontal (Y/N) No	Lift or Conne	ctor Pocket	No				S1G7;S2G5-7,10-11;S3G11 have wide cracks in AZ of both legs but
Span Alignment Problems Vertical (Y/N) No Horizontal (Y/N) No							2 lift pockets, 1 connector pocket not grouted S1&2.
Horizontal (Y/N) No	Span Alignm	nent Problems	5				
	Vertical (Y/	′N)	No				
Superstructure General Rating 3 3	Horizontal	(Y/N)	No				
	Superstruct	ure General R	ating		3	3	

Alberta Transportation

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Bridge Co	•			Last	Now	Explanation of Condition
Abutments	-					
(Extende	d Backwall Piles	s (Y/N) : Y)				_
(Extende	d Backwall Piles	s Spacing(mm	n) : 1500)			
(Total Num	ber of Caps/Co	rbels : 3:3)				(Cored caps 12Jul2010. Trace rot and fine shavings in all A1 cores.
Bearing Se	ats/Caps/Corbe	ls Detail Ratir	ngs			12Jul2010). Both abuts have horiz. checking in caps. A2 rolling at E cap.
	N (count)	1 (count)	2 (count)	3 (cou	unt)	
Last	0	0	0		0	_
Now	0	0	0		0	_
Bearing Se	ats/Caps/Corbe	els		4	4	
(Type : T	REATED TIMB	ER)				
(Depth(m	nm) : 350)					
(Width(m	m) : 300)					
Backwalls/	Breastwalls			5	5	South backwall not low enough, not losing fill at this time.
Greatest	Height (m)	2.20				
Wingwalls				6	6	
3						
(Total Num	ber of Bearing I	Piles : 8:8)				Cored piles 12Jul2010.
Piles Detail	I Ratings					A1 piles cored all good. A2P1,7 split & banded.
	N (count)	1 (count)	2 (count)	3 (cou	unt)	P6 replaced with H-pile.
Last	0	0	0		0	A1P7 sounds hollow.
Now	0	0	0		0	
Piles	· ·			4	4	
Paint/Coati	ing			X	Х	
Abutment Stability					4	A2 backwall pushing in causing cap rotation.
Scour/Erosion					6	
Piers/Bent					-	
	IER-COLUMN)					(W cap P1 starting to buildge & buildge+cup_19/Sept/2008)
	ber of Caps/Co	rbels : 5:5)				(W cap P1 starting to buldge & buldge+cup. 19/Sept/2008). (Caps cored 12Jul2010. W end of P1 cap has beginning rot or rot.
	ats/Caps/Corbe		nas			 12Jul2010). Pier caps have scabs on top capitals @ each side of cap @ W side
Douring Oe	N (count)	1 (count)	2 (count)	3 (cou	unt)	P1 & E side P2.
Last					0	P1 cap at scabs appear rotten; scabs appear to take load.
Now	0	0	0		0	350 deep x 300 wide subcaps.
	ats/Caps/Corbe	1 -	U	4	4	Rotted area is adequately supported ty T.T. scabs.
	· · ·			4	4	
						-
· · ·	nm) : 300)					-
(Width(m	, ,					
	ber of Bearing I	-iles : 11:11)				Piles cored 12Jul2010. P1 piles cored all good. P2 has beginning rc at piles 6 & 9 and rot at pile 10. 12Jul2010).
Piles Detail			0 (C (0	P2, P10 and P1 sound hollow.
-	N (count)	1 (count)	2 (count)	3 (cou		P1P7 split above steel sleeve.
Last	0	0	0		1	-
Now	0	0	0	_	1	-
Pier Shaft/I				3	3	-
	Height (m)	4.30				
Bracing/Str	ruts/Sheathing			7	7	
Nose Plate	•			X	Х	
Paint/Coati	ing			X	Х	
(Colour D	Description :)					
(Colour C	Code :)					

Alberta Transportation

			Subst	ructure
Bridge Component		Last	Now	Explanation of Condition
Pier Stability		5	5	P1 leaning South.
Scour		6	6	
Debris (Y/N)	No			
Substructure General Rating	1	3	3	
		s	Structu	re Usage
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				Meanders through large flood plain with defined banks.
(D/S Direction : E)				
Alignment		6	6	
Bank Stability		N	6	
HWM (m below Top of Curb)				HWM not visible.
Drift (Y/N)	No			
Slope Protection		N	6	
(Type : NATURAL; RIP RAP)				
Guidebank/Spurs		X	X	
Adequacy of Opening		6	6	
(Fish Compensation Measure 1	NONE)			
(Fish Compensation Measure 2:	NONE)			
Channel General Rating	· · · · ·	6	6	

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Bridge Inspection & Maintenance System (Web 2005)

07683 -1 Bridge

			Maintenance Recommendations	ecommendat	tions					
Inspector Recommendations	Year		Inspector Comments		Department Comments	nents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2012		Install 8 splice bolts; correct splice at SE	tt SE.						
SEAL CURBS										
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS	2012		Pier pile repairs.							
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS	2015		Replace caps.							
REPAIR ABUTMENT SCOUR/EROSION	ION									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION	2012		Band 1 split pile @ P1.							
OTHER ACTION	2012		Grout girder pockets.							
OTHER ACTION										
OTHER ACTION										
Structural Condition Rating (Last/Now) (%)	low) 33.3/33.3	33.3	Sufficiency Rating (Last/Now) (%)		56.2/56.7	Est. Repl. Yr	2015	Maint. Reqd. (Y/N)		Yes
Special Consider replacing Comments for No action required Next Inspection Continue regular cu	the bridge in li for 3 rating of (urb sealing pra	ieu of rep girder. tctices.	Consider replacing the bridge in lieu of repairs in 1-3yr schedule. No action required for 3 rating of girder. Continue regular curb sealing practices.		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	Jason Saly			Previous As	Previous Assistant's Name					
Next Inspection Date	18-Apr-2014			Previous In:	Previous Inspection Date	29-Mar-2011				
Inspection Cycle (Default) (months)	21									
Comment										

			Maintenance Recommo	endations						
Inspector Recommendations	Yea	r	Inspector Comments	Department	Comme	ents		Target Year	Est. Cost	Cat #
REPAIR/REPLACE BRIDGE RAIL	2012	2	Install 8 splice bolts; correct splice at SE.	Defer until re	Defer until replaced			2014		
SEAL CURBS			· · · ·							
PATCH DECK										
OVERLAY DECK										
STRAIGHTEN/REPLACE MEMBERS	2012	2	Pier pile repairs.	Defer until re	placed			2014		
WASHING										
SHOTCRETE REPAIRS										
CORE TIMBER CAPS/CORBELS										
REPAIR/REPLACE TIMBER CAPS	201	5	Replace caps.	Defer until re	placed			2014		
REPAIR ABUTMENT SCOUR/EROS	ION									
PLACE ADDITIONAL RIP RAP										
REMOVE DRIFT ACCUMULATION										
INSTALL STRUTS										
OTHER ACTION		2	Band 1 split pile @ P1.	Defer until replaced				2014		
OTHER ACTION		2	Grout girder pockets.	Defer until replaced				2014		
OTHER ACTION										
OTHER ACTION										
	low) 33.3	8/33.3	3 Sufficiency Rating (Last/Now) (%)	56.2/56.7	E	st. Repl. Yr	2015	Maint. Re	qd. (Y/N)	Yes
OTHER ACTION Structural Condition Rating (Last/N (%)	the bridge ir	n lieu of gire	(%) I of repairs in 1-3yr schedule. der.	56.2/56.7 Department Comments	_	st. Repl. Yr ammed to be re			qd. (Y/N)	Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Continue regular cu	the bridge ir	n lieu of giro oracti	(%) I of repairs in 1-3yr schedule. der. ces.	Department	Progr	-	eplaced i			Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Continue regular cu	the bridge ir for 3 rating o irb sealing p	n lieu of giro oracti	(%) I of repairs in 1-3yr schedule. der. ces.	Department Comments	Progr	ammed to be re	eplaced i	n 2014		Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By	the bridge ir for 3 rating o irb sealing p	n lieu of giro oracti	(%) I of repairs in 1-3yr schedule. der. ces.	Department Comments	Progr	ammed to be re	eplaced i	n 2014		Yes
OTHER ACTION Structural Condition Rating (Last/N (%) Special Comments for Next Inspection Maintenance Reviewed By Proposed Long-Term Strategy	the bridge ir for 3 rating o irb sealing p	n lieu of giro oracti	(%) I of repairs in 1-3yr schedule. der. ces.	Department Comments	Progr	ammed to be re	eplaced i	n 2014		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)	the bridge ir for 3 rating o irb sealing p	n lieu of giro oracti	(%) I of repairs in 1-3yr schedule. der. ces.	Department Comments	27-No	ammed to be re	eplaced i	n 2014		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	the bridge ir for 3 rating c irb sealing p Andrew Sm	n lieu of giri oracti	(%) I of repairs in 1-3yr schedule. der. ces. S Previo	Department Comments Date	27-No	ammed to be re	eplaced i	n 2014		Yes

Comment