						Level	2 Inst	oecti	on - Concret	e Deck						
Bridge Fi	ile Number	09	943 -1 Bric	lge					Form Type			CDK				
Year Bui			64/1964	<u> </u>					Lot No.							
Supstr									Inspector N	Name		Jason Saly				
Bridge or	r Town Nam	ne W	AYNE						· · · ·	Inspector Class BR CLS A						
Located	Over	R	OSEBUD R	IVEF	R, 3.33, N	NATER	CRS-S	ST	· · ·	Assistant Name						
Located	On	84	1:02 C1 6.	185				Assistant Class								
Water Bo	ody Cl./Yea	r							Inspection Date			26-Sep-2012				
Navigabi	I. CI./Year								Data Entry By			Jason Saly				
Legal La	nd Location	n SN	N SEC 33	ΓWΡ	27 RGE	20 W4	M					31-Jan-2013				
Longitud	e, Latitude	-1	12:45:45, 5	1:20:	:38					ata Entry Date 31-Jan-2013 eviewer Name Paul Carter						
Road Au	thority	AI	berta Trans	porta	ation (Al	T)			Review Date			30-Jan-2013				
Contract	Main. Area	CI	MA21								mo	Darron Ahlstedt				
Clear Ro	Roadway/Skew 8.2 /								Dept. Revi			13-Feb-2013				
AADT/Ye									Follow-Up		;	13-Feb-2013				
Road Cla	assification	R	CU-208-110	)					· · ·	-		Y				
Detour L	Detour Length (km) 56								Visual Insp			Y Y				
	• • •								CSE Testin	•		N				
Allowable		0:	11.57			0		07	Chloride T		00	·				
Allowable	e Load (t):	Single	H 57 GIRDER			Semi	HS ( GIR	b7 DER		Train		3 87 RDER	>(	On Critical Spans Critical Member		
Design L	oading:		HS20										>	Primary Span		
	Span : RB,	Spar		5. Le	naths(n	n): 21-2	5-21-1	6.8-1	16.8)				1			
	ength : 21-2					/			/							
(1014) 20					•)	(	Concre	ete D	eck Inspecti	on						
									Explanatio		ondi	tion				
Wearing	Surface															
	er? (Y/N)			Y												
ACP? (				N												
	eal Coat? (	Y/N)		Y												
	<u> </u>	Type	;					<b>\</b>	Year Installed	<b>.</b>	Ava.	Total Thickness (n	nm)	Area (m <sup>2</sup> )		
Seal Coa	at				HIP SEA		т	1995				,	824.9			
	Rating (%															
		6/5	4	3		2/1	N/>	x	_							
Last									_							
Now	0	0	0		0	0		100	_							
ACP Rat	ing (% Are	-			-	-										
		6/5	4	3		2/1	N/>	x	_							
Last		0,0							_							
Now	0	0	0		0	0		100								
	al Coat Rat	-			-	-		-								
		6/5	4	3		2/1	N/X	X								
Last																
Now	0	90	10		0	0		0								
	er Total Det			a (m²	2)	-		30								
	otal Debond							X								
	verage Mea							X								
	rack Freque		• •	/				X	The ship -		ic	opring amonth Th	oro c	ura arage of last chine		
	eal Coat To		· · · · · · · · · · · · · · · · · · ·	)				19	Transverse	e ar coat e cracks	are	reflecting through t	he se	re areas of lost chips. eal coat (~0.2m/m2).		
	e Overlay		0.7.104 (11	/				10				5 5		. ,		
	y? (Y/N)			N												
Deck	<i>.</i> (1/14)			14												
	ype : RB)															
	Numbers : '	1 2 2	4 5)													
	Type : CON															
Deck	Type . CON		E (CLASS	(0)												

Alberta Transportation

De als la

					6	Conc	rete De	ck Inspection		
					1	Last	Now	Explanation	of Condition	
(Area(r	m²) : <b>824.9</b> )	)								
(Year C	Constructed	d : <b>1964</b> )								
(Year V	Nidened : )									
(Thickr	ness(mm) :	<b>150</b> )								
(Avera	ge Cylindei	r Strength	(MPa) : )							
		Туре						Size	Design Cover (mm	n) Spacing (mm)
Long. Re	einforcing	REINFC	RCING	STEEL						
Trans. R	einforcing	REINFO	RCING	STEEL						
Deck To	p Rating (	% Area)								
	9-7 6/5 4 3 2/1		2/1	N	√X					
Last								Covered by a	polymer overlay and a chip	seal coat wearing surface.
Now				100						
Total C	Total Crack Length - Medium/Wide (m)						N			
Total S	Total Scaled Area - Light (m <sup>2</sup> )						N			
Total S	Scaled Area	ι - Modera	ite/Heavy	//Severe (n	n²)		N			
Delami	inated Area	a (m²)					1			
Spalled	d Area (m²)						N			
Patche	d Area (m <sup>2</sup>	)					N			
Averag	e Measure	d Cover D	Depth (mi	m)			86	_		
Standa	ard Deviatio	on of Meas	sured Co	ver Depth	(mm)		10	_		
Deck Un	derside Ra	ating (% /	Area)							
	9-7	6/5	4	3	2/1	٩	√X			
Last										
Now	100	0	0	0	0		0			
Total S	Stained Are	a - Modera	ate (m²)				0			
Total S		o Hoarr	10	(			0			
Total Stained Area - Heavy/Severe (m <sup>2</sup> ) Total Crack Length - Medium/Wide (m)							0	_		
							40	_		
Total C		th - Mediu	m/Wide (				-	_		
Total C	Crack Lengt ledium/Wid	th - Mediu	m/Wide (				40	_		
Total C % of M	Crack Lengt ledium/Wid ements	th - Mediu	m/Wide (				40	_		
Total C % of M Edge Ele Curbs?	Crack Lengt ledium/Wid ements	th - Mediu	m/Wide ( Stained	(m)			40	-		
Total C % of M Edge Ele Curbs? Parape	Crack Lengt ledium/Wid ements ? (Y/N)	th - Mediu	m/Wide ( Stained	(m) Y			40			
Total C % of M Edge Ele Curbs? Parape Mediar	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N)	th - Mediu	m/Wide ( Stained	(m) Y N			40	_		
Total C % of M Edge Ele Curbs? Parape Mediar	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N)	th - Mediu	m/Wide ( Stained	(m) Y N N			40			
Total C % of M Edge Ele Curbs? Parape Mediar Sidewa Curbs	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N)	th - Mediun	m/Wide ( Stained	(m) Y N N			40			
Total C % of M Edge Ele Curbs? Parape Mediar Sidewa Curbs (Type :	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N) alks? (Y/N)	th - Mediun e Cracks : TE)	m/Wide ( Stained	(m) Y N N			40			
Total C % of M Edge Ele Curbs? Parape Mediar Sidewa Curbs (Type : (Total L	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N) alks? (Y/N)	th - Mediun e Cracks : TE)	m/Wide ( Stained	(m) Y N N			40			
Total C % of M Edge Ele Curbs? Parape Mediar Sidewa Curbs (Type : (Total L	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N) alks? (Y/N) alks? (Y/N) : <b>CONCRE</b> Length(m) :	th - Mediun e Cracks : TE)	m/Wide ( Stained	(m) Y N N			40			
Total C % of M Edge Ele Curbs? Parape Mediar Sidewa Curbs (Type : (Total L (Height (Width)	Crack Lengt ledium/Wid ements ? (Y/N) ets? (Y/N) ns? (Y/N) alks? (Y/N) alks? (Y/N) : <b>CONCRE</b> Length(m) :	th - Mediuu e Cracks : TE) : 201.2)	m/Wide ( Stained	(m) Y N N			40			

					C	Concrete De	ck Inspection					
							Explanation of Condition					
Curb Rat	ing (% L	ength)										
	9-7	6/5	4	3	2/1	N/X	_					
Last							_					
Now	100	0	0	0	0	0	Minor transverse ck'ng					
Total Cr	rack Leng	gth - Mediu	um/Wide (	m)		42						
Total So	caled Ler	ngth - Ligh	t (m)			0	_					
Total So	caled Ler	ngth - Mod	erate/Hea	vy/Severe	(m)	0	_					
Delamir	nated Ler	ngth (m)				0	_					
Spalled	Length (	m)				0	_					
Patcheo	d Length	(m)				1	_					
Average	e Measur	ed Cover	Depth (mr	n)		107	_					
Standar	rd Deviati	ion of Mea	sured Co	/er Depth (	(mm)	15						
Deck Joiı	nts											
(Type : Al	RMOURI	ED GLAN	D (WABO	UNDER F	INGER	OR SLIDING	B PLATES)					
(Numbe	er of Joint	ts : 1)										
(Expans	sion / Fix	ed? : FIXE	D)									
(Locatio	on : <b>A2</b> )											
% Inspe	ected					100	South abutment					
% Joints	s Leaks					0						
% Joint	Length L	eaks				0	_					
Superst	tructure D	Damage Ra	ating			7						
Substru	icture Da	mage Rati	ing			6						
Level 1	Joint Rat	ting				6						
(Type : <b>G</b>	LAND (V	VABO-MA	UER, TR	NSFLEX,	ETC))							
(Numbe	er of Joint	ts : <b>2</b> )										
(Expans	sion / Fix	ed? : EXP	ANSION)									
(Locatio	on : A1, P	<b>'3</b> )										
% Inspe	ected					100	Water is leaking past the co	over plates onto the ends of the pier cap.				
% Joints	s Leaks					50	_					
% Joint	Length L	eaks				1						
Superst	tructure D	Damage R	ating			7	_					
Substru	icture Da	mage Rati	ng			5	_					
Level 1	Joint Rat	ting				4						
						CSE 1	Testing					
Testing	Date			28-Jun-20	12		Previous Testing Dat	te 21-May-2008				
Weather	Informat	ion										
Temper	ature (∘C	.)		15								
Conditio	ons			Sunny								
Equipme												
Test Eq	uipment	Make and	Model	Corexco C	DL - 200	0 EA/512						
Electrica Type	al Ground	d Location	and	1DD, near	the sout	th abutment						
		cations In	formation									
Origin fo	or Data			SE								
				Number			Length of Each (m)	Length of Last (m)				
X Increm	nents (Le	ngth)		83			1.219	0.914				
Y Increm		idth)		7			1.219	0.914				
CSE Res	ults											
Span N	umbers			1,2,3,4,5								
Span Ty	уре			RB								
Wearing	g Surface	)		CONVENT	TIONAL	CHIP SEAL	COAT, CONCRETE (CLASS	S C)				

## Bridge Inspection & Maintenance System (Web 2005)

				CSE Te	esting				
Testing Year	% Deck Area 0 to -0.1 V	% Deck Area < -0.1 to -0.2 V	% Deck Area < -0.2 to -0.3 V	% Deck Area < -0.3 to -0.4 V	% Deck Area < -0.4 V	Avg. Deck Reading (V)	Stnd. Dev. Deck Reading	Avg. Curb Reading (V)	Stnd. Dev. Curb Reading
2012	0.0	30.7	51.8	15.7	1.8	-0.240	0.079	-0.248	0.066
2008	0.0	21.0	52.0	23.0	5.0	-0.266	0.092	-0.257	0.084
2002	13.0	60.0	25.0	2.0	0.0	-0.170	0.074	-0.117	0.051
	diction Model O ab Start Year	ptimum 5 2	033						
Commen	ts								

					Maintenance Re	commena	ations					
Inspector Recommenda	ations		Year	Inspector Comn	nents		Department Com	Target Year	Est. Cost	Cat #		
SEAL CURBS												
PATCH DECK												
SEAL DECK												
OVERLAY DECK												
REPAIR/REPLACE DE	CK JOIN	S										
WASHING												
OTHER ACTION												
CRACK REPAIRS/TRE	ATMENT											
PATCH CURBS/PARP	ETS											
OTHER ACTION												
OTHER ACTION												
OTHER ACTION												
Structural Condition Rating (%) 44.4				Sufficience	cy Rating (%)	61.1		Est Repl Yea	ar	2034		
					-, · · · · · · · · · · · · · · · · · · ·							
Level 1 Insp Date	11-	May-2011	Next L	evel 1 Insp Date		11-Aug-20		evel 1 Insp Cy			39	
Level 1 Insp Date Special Comments for		May-2011	Next L					-				
		May-2011 Lift? (Y				11-Aug-20		evel 1 Insp Cy	cle (Default) (			
Special Comments for	Next Insp No			evel 1 Insp Date		11-Aug-20	014 Current Le	evel 1 Insp Cy	cle (Default) (	(Months)	39	
Special Comments for Snooper? (Y/N) Other Special Requirem	Next Insp No nents	Lift? (Y	/N)	evel 1 Insp Date		11-Aug-20 Y/N) Yes	014 Current Le	evel 1 Insp Cy	cle (Default) ( No	(Months)	39	
Special Comments for I Snooper? (Y/N) Other Special Requiren Comments	Next Insp No nents	Lift? (Y	/N)	evel 1 Insp Date		11-Aug-20 Y/N) Yes Previous I	014 Current Le Boat? (Y/N	vel 1 Insp Cy N) 21-May-2	cle (Default) ( No	(Months)	39	
Special Comments for I Snooper? (Y/N) Other Special Requiren Comments Previous Level 2 Inspec	Next Insp No nents ctor's Nan	Lift? (Y ne Brian 26-Se	/N) Cote	evel 1 Insp Date		11-Aug-20 Y/N) Yes Previous L Discontinu	D14 Current Le Boat? (Y/N	vel 1 Insp Cy N) 21-May-2	cle (Default) ( No	(Months)	39	
Special Comments for I Snooper? (Y/N) Other Special Requiren Comments Previous Level 2 Inspect Next Level 2 Insp Date	Next Insp No nents ctor's Nan	Lift? (Y ne Brian 26-Se	/N) Cote	evel 1 Insp Date		11-Aug-20Y/N)YesPrevious LDiscontinuLevel 2 In:	D14 Current Le Boat? (Y/N Level 2 Insp Date ue Level 2 Insp? (Y	vel 1 Insp Cy N) 21-May-2 /N) No	cle (Default) ( No	(Months)	39	
Special Comments for I Snooper? (Y/N) Other Special Requiren Comments Previous Level 2 Inspect Next Level 2 Insp Date Level 2 Insp Previously	Next Insp No nents ctor's Nan Complete m? (Y/N)	Lift? (Y Lift? (Y Be Brian 26-Se ed 4	/N) Cote	evel 1 Insp Date		11-Aug-20Y/N)YesPrevious LDiscontinuLevel 2 In:	D14 Current Le Boat? (Y/N Level 2 Insp Date ue Level 2 Insp? (Y	vel 1 Insp Cy N) 21-May-2 /N) No	cle (Default) ( No	(Months)	39	
Special Comments for I Snooper? (Y/N) Other Special Requiren Comments Previous Level 2 Inspen Next Level 2 Insp Date Level 2 Insp Previously Detailed Report/Diagra	Next Insp No nents ctor's Nan Complete m? (Y/N)	Lift? (Y ne Brian 26-Se ed 4 Yes	/N) Cote p-2018	evel 1 Insp Date		11-Aug-20 Y/N) Yes Previous L Discontinu Level 2 In: (Months)	D14 Current Le Boat? (Y/N Level 2 Insp Date ue Level 2 Insp? (Y	vel 1 Insp Cy N) 21-May-2 /N) No	cle (Default) ( No	(Months)	39 No	