				Level	2 Inspectio	n - Concre	te Deck				
e Number								CDK			
'Year			<u> </u>			Lot No.		-			
						Inspector	Name	Jason Saly			
Town Name	EDM	NOTAC				· · · · · · · · · · · · · · · · · · ·		-			
ver	CNR										
'n	SHEF	RWOOD F	PARK FRE	EWAY:0	2 R1 0.505						
dy Cl./Year								04-Oct-2012			
CI./Year						· ·					
d Location	SW S	EC 30 TV	VP 52 RG	E 23 W4N	N						
, Latitude	-113:	23:11, 53:	:31:02								
nority	Alber	ta Transp	ortation (A	JT)							
/lain. Area	ANTH	IONY HE	NDAY DR	IVE				22-1 60-2013			
dway/Skew	12.5 /	,				· ·					
ar	33,47	0 / 2012 (	(A)			· ·					
sification	RAD-	412.4-120	נ				-	V			
ngth (km)	1					·······					
_ 、 /											
	adla			Sami				IN	> On Critical Server		
Luau (i). 51	igie			Semi			Train		> On Critical Spans >Critical Member		
ading:	H	-IS20							> Primary Span		
	pans:	1,2,3, Ler	ngths(m):	13.7-19.2	2-16.8)						
-	-		<u> </u>		,						
<u>g</u>		,		C	oncrete De	ck Inspecti	on				
								tion			
Surface						•					
? (Y/N)			N								
′/N)			N								
al Coat? (Y/	N)		N								
		4	3	2/1	N/X						
0	0	0	0	0	100						
ng (% Area)						1					
9-7 6/	5	4	3	2/1	N/X						
0	0	0		-		1					
•	0	0	0	0	100						
Coat Ratin	-	-	0	0	100						
-	g (% A	-	3	2/1	100 N/X						
Coat Ratin	g (% A	rea)									
Coat Ratin	g (% A	rea)									
Coat Ratin 9-7 6/	<b>g (% A</b> 5 0	4 0	3	2/1	N/X						
<b>Coat Ratin</b> 9-7 6/ 0	<b>g (% A</b> 5 0 nded /L	4 0 Lost Area	3 0 (m <sup>2</sup> )	2/1	N/X 100						
Coat Ratin 9-7 6/ 0 Total Debo	g (% A 5 0 nded /L d /Lost	4 0 ost Area Area (m²)	3 0 (m <sup>2</sup> )	2/1	N/X 100 N	· · · · · · · · · · · · · · · · · · ·					
Coat Ratin 9-7 6/ 0 Total Debo al Debonde	g (% A 5 0 nded /L d /Lost ured De	Area (m²)	3 0 (m <sup>2</sup> )	2/1	N/X 100 N N						
Coat Ratin 9-7 6/ 0 Total Debo al Debonde erage Meas	g (% A 5 0 nded /L d /Lost ured De cy (m/r	4 0 Lost Area (m <sup>2</sup> ) epth (mm)	3 0 (m <sup>2</sup> )	2/1	N/X 100 N N N N						
Coat Ratin 9-7 6/ 0 Total Debo cal Debonde erage Meas ack Frequen al Coat Tota	g (% A 5 0 nded /L d /Lost ured De cy (m/r	4 0 Lost Area (m <sup>2</sup> ) epth (mm)	3 0 (m <sup>2</sup> )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo al Debonde erage Meas ack Frequen al Coat Tota Overlay	g (% A 5 0 nded /L d /Lost ured De cy (m/r	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo cal Debonde erage Meas ack Frequen al Coat Tota Overlay ? (Y/N)	g (% A 5 0 nded /L d /Lost ured De cy (m/r	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo tal Debonde erage Meas ack Frequen al Coat Tota Overlay ? (Y/N) be : PM)	g (% A 5 0 nded /L d /Lost ured De cy (m/r I Lost /	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo al Debonde erage Meas ack Frequen al Coat Tota Overlay ? (Y/N) be : PM) umbers : 1,	g (% A 5 0 nded /L d /Lost d /Lost ured De cy (m/r I Lost /	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> ) )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo tal Debonde erage Meas ack Frequen al Coat Tota Overlay ? (Y/N) be : PM) umbers : 1, type : CON	g (% A 5 0 nded /L d /Lost d /Lost ured De cy (m/r I Lost /	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> ) )	2/1	N/X       100       N       N       N       N       N       N       N       N						
Coat Ratin 9-7 6/ 0 Total Debo al Debonde erage Meas ack Frequen al Coat Tota Overlay ? (Y/N) be : PM) umbers : 1,	g (% A 5 0 nded /L d /Lost ured De cy (m/r I Lost / Lost / 2, 3) CRETI	Area (m <sup>2</sup> )	3 0 (m <sup>2</sup> ) )	2/1	N/X       100       N       N       N       N       N       N       N       N						
	Town Name ver in iver in iver in iver iver in iver iver iver iver iver iver iver iver	Year       1968/         Town Name       EDM0         ver       CNR         n       SHEF         dy Cl./Year       SHEF         dy Cl./Year       -113:2         d Location       SW S         atitude       -113:2         hority       Albert         Alain. Area       ANTH         dway/Skew       12.5 /         ar       33,47         ssification       RAD-         ngth (km)       1         Load (t):       Single         ading:       I         Span : PM, Spans:       I         gth : 13.7-19.2-16.8       I         Surface       I         ? (Y/N)       I         al Coat? (Y/N)       I         Ating (% Area)       I         9-7       6/5         0       0         0       0         9-7       6/5	Year       1968/1968         Town Name       EDMONTON         ver       CNR         nn       SHERWOOD F         dy Cl./Year       SW SEC 30 TV         d Location       SW SEC 30 TV         a Latitude       -113:23:11, 53:         hority       Alberta Transport         Alberta Transport       Alberta Transport         Main. Area       ANTHONY HE         dway/Skew       12.5 /         ar       33,470 / 2012 (         ssification       RAD-412.4-120         ngth (km)       1         Load (t):       Single         ading:       HS20         Span : PM, Spans: 1,2,3, Length : 13.7-19.2-16.8 = 49.7)         Surface       Surface         ? (Y/N)       Stating (% Area)         9-7       6/5       4         0       0         0       0         0       0         9-7       6/5       4	Year1968/1968Town NameEDMONTONverCNRnSHERWOOD PARK FREdy Cl./Year $SW SEC 30 TWP 52 RG$ dy Cl./Year $-113:23:11, 53:31:02$ d LocationSW SEC 30 TWP 52 RGa Latitude $-113:23:11, 53:31:02$ horityAlberta Transportation (AMain. AreaANTHONY HENDAY DRdway/Skew12.5 /ar $33,470 / 2012$ (A)ssificationRAD-412.4-120ngth (km)1Load (t):Singleading:HS20Span : PM, Spans: 1,2,3, Lengths(m):gth : 13.7-19.2-16.8 = 49.7)SurfaceSaurface? (Y/N)NAl Coat? (Y/N)NAtting (% Area)9-76/549-76/59-79-79-7	Year1968/1968Town NameEDMONTONverCNRnSHERWOOD PARK FREEWAY:0:dy Cl./YearCl./Yeard LocationSW SEC 30 TWP 52 RGE 23 W4Na, Latitude-113:23:11, 53:31:02horityAlberta Transportation (AIT)Alain. AreaANTHONY HENDAY DRIVEdway/Skew12.5 /ar33,470 / 2012 (A)rsificationRAD-412.4-120ngth (km)1Load (t):Singlegth : 13.7-19.2-16.8 = 49.7)CCSurface? (Y/N)N//NNal Coat? (Y/N)NQ-76/5432/1000<	Year       1968/1968         Town Name       EDMONTON         ver       CNR         n       SHERWOOD PARK FREEWAY:02 R1 0.505         ty Cl./Year       -         Cl./Year       -         d Location       SW SEC 30 TWP 52 RGE 23 W4M         , Latitude       -113:23:11, 53:31:02         atitude       12.5 /         stification       RAD-412.4-120         ading:       HS20         span : PM, Spans: 1,2,3, Lengths(m): 13.7-19.2-16.8)         gth : 13.7-19.2-16.8 = 49.7)         Surface       Iast         ? (Y/N)       N         al Coat? (Y/N)       N         Alating (% Area)       Now         9-7       6/5       4       3         9-7       6/5       4	Year       1968/1968       Lot No.         Town Name       EDMONTON       Inspector I         Year       CNR       Assistant I         In       SHERWOOD PARK FREEWAY:02 R1 0.505       Assistant I         Assistant I       Assistant I       Assistant I         In       SHERWOOD PARK FREEWAY:02 R1 0.505       Assistant I         Inspection       SW SEC 30 TWP 52 RGE 23 W4M       Data Entry         Inspection       SW SEC 30 TWP 52 RGE 23 W4M       Data Entry         Inspection       SW SEC 30 TWP 52 RGE 23 W4M       Data Entry         Inspection       ANTHONY HENDAY DRIVE       Dept. Review Data Entry         Varian       ANTHONY HENDAY DRIVE       Dept. Review Data Entry         Inspection       RAD-412.4-120       Visual Inspection         Varian       RAD-412.4-120       Visual Inspection         Inspection       RAD-412.4-120       Visual Inspection         Load (t):       Single       Semi       Semi         Inspection       RAD-412.4-120       Visual Inspection       CSE Testi         Inspection       RAD-412.4-120       Visual Inspection       Semi         Inspection       Inspection       Inspection       Semi       Semi         Inspection <td< td=""><td>Year       1968/1968       Lot No.         Town Name       EDMONTON       Inspector Name       Inspector Class         ver       CNR       Assistant Name       Assistant Class         n       SHERWOOD PARK FREEWAY:02 R1 0.505       Assistant Class       Inspection Date         CI./Year       Inspection Date       Data Entry By       Data Entry By         d Location       SW SEC 30 TWP 52 RGE 23 W4M       Data Entry Date         Latitude       -113:23:11, 53:31:02       Review Rame         AnTHONY HENDAY DRIVE       Dept. Review Date       Dept. Review Pare         dway/Skew       12.5 /       Dept. Review Date       Dept. Review Date         rar       33,470 / 2012 (A)       Follow-Up By       Visual Inspection?         rgfh (km)       1       CSE Testing?       Chloride Testing?         Lodd (t):       Single       Semi       Train         ading:       HS20       Train       Inspection of Condit         Surface       Y(Y/N)       N       N       Asting (% Area)         9-7       6/5       4       3       2/1       N/X         0       0       0       0       0       0         9-7       6/5       4       3</td><td>YearInterval 1968/1968Lot No.Inspector NameJason SalyInspector ClassBR CLS AAssistant ClassAssistant ClassInspector Date O4-Oct-2012Cl.YearDate Entry ByJason SalyJason Saly<th cols<="" td=""></th></td></td<>	Year       1968/1968       Lot No.         Town Name       EDMONTON       Inspector Name       Inspector Class         ver       CNR       Assistant Name       Assistant Class         n       SHERWOOD PARK FREEWAY:02 R1 0.505       Assistant Class       Inspection Date         CI./Year       Inspection Date       Data Entry By       Data Entry By         d Location       SW SEC 30 TWP 52 RGE 23 W4M       Data Entry Date         Latitude       -113:23:11, 53:31:02       Review Rame         AnTHONY HENDAY DRIVE       Dept. Review Date       Dept. Review Pare         dway/Skew       12.5 /       Dept. Review Date       Dept. Review Date         rar       33,470 / 2012 (A)       Follow-Up By       Visual Inspection?         rgfh (km)       1       CSE Testing?       Chloride Testing?         Lodd (t):       Single       Semi       Train         ading:       HS20       Train       Inspection of Condit         Surface       Y(Y/N)       N       N       Asting (% Area)         9-7       6/5       4       3       2/1       N/X         0       0       0       0       0       0         9-7       6/5       4       3	YearInterval 1968/1968Lot No.Inspector NameJason SalyInspector ClassBR CLS AAssistant ClassAssistant ClassInspector Date O4-Oct-2012Cl.YearDate Entry ByJason SalyJason Saly <th cols<="" td=""></th>		

Concrete Deck Inspection														
Last No								Explanation of Condition						
(Averag	ge Cylinde	r Strength	(Mpa) : )											
Overlay	Rating (%	Area)												
	9-7	6/5	4	3	2/1	N	/X							
Last														
Now	0	100	0	0	0		0							
Total C	rack Leng	th - Mediu	m/Wide (	m)			11	Minor cracking						
Total Scaled Area - Light (m <sup>2</sup> )							0							
Total Scaled Area -Moderate/Heavy/Severe (m <sup>2</sup> )							0							
Debon	ded Area (I	m²)					0							
Spalled	d Area (m²)	1					0							
Patche	d Area (m <sup>2</sup>	?)					0							
Averag	e Measure	ed Cover I	Depth (mr	n)			120							
	ard Deviatio				(mm)		15							
Deck														
	ype : PM)													
	Numbers :	1, 2, 3)												
	Type: PR		ONCRET	E (PRECA	AST ST		)							
	m <sup>2</sup> ) : <b>621.3</b> )			,		- /	,							
	Constructed													
· · ·	Videned : )													
· ·	ness(mm) :													
	ge Cylinde	· · · · · · · · · · · · · · · · · · ·	(MPa) : )											
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u>ge eymae</u>	Туре	<u>(((((((())))))))</u>					Size	Design Cover (mm)	Spacing (mm)				
	einforcing	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
	einforcing													
	p Rating (	% Area)												
	9-7	6/5	4	3	2/1	N	/X							
Last				-	_,.									
Now	0	0	0	0	0		100							
-	Crack Leng	-	-	-		1	N	-						
	Scaled Area			-,			N	-						
	Scaled Area		· ·	/Severe (n	n²)		N	-						
	inated Area				. /		N	-	-					
	d Area (m²)						N	-						
· ·	d Area (m²)						N	-						
	je Measure		Penth (mr	n)			N	-						
	ard Deviatio				(mm)		N	-						
	derside R			ier Depuit			IN							
Deck OII	9-7	6/5	4	3	2/1	N	/X							
Last		0/0	T		2/1		//							
Now	0	0	0	0	0		100	Due to the design sha	ne of the airdore the d	ack underside could not				
-	tained Are	-	-	0		1	N	be inspected. The und	derside of teh centre s	eck underside could not pan has been stained				
	Stained Are		. ,	m²)			N	from train exhaust. The bottoms of the girders	ere are narrow lonitud	linal cracks in teh				
	Crack Lengt		· · · · ·				N	along G14S3	on ton one spans. II	oro io onposed suirup				
	ledium/Wid						N	-						
			Stallieu				IN							
Edge Ele				NI										
Curbs? (Y/N) N														
<b>_</b>	Parapets? (Y/N) Y													
	. ,													
Mediar	ns? (Y/N)			N										
Mediar	ns? (Y/N) alks? (Y/N)													

						Conc	rete De	ck Inspection						
						Last	Now	Explanation of Condition						
Parapet	Rating (%	6 Length)												
	9-7	6/5	4	3	2/1	N	/X	_						
Last														
Now	0	100	0	0	0		0	_						
Total C	rack Leng	gth - Mediu	m/Wide (	m)			77	There is vertical cracking along	the parapets and light scaling along					
Total S	caled Ler	ngth - Light	(m)				18	the tops of the parapets.						
Total S	caled Ler	ngth - Mode	erate/Hea	vy/Severe	(m)		0	_						
Delami	nated Ler	ngth (m)					0	_						
Spalled	d Length (	m)					0	_						
Patche	d Length	(m)					0							
Averag	e Measu	ed Cover I	Depth (mr	n)			68							
Standa	rd Deviat	ion of Mea	sured Cov	ver Depth (	mm)		23							
Deck Joi	ints													
(Type : <b>G</b>	LAND (V	VABO-MA	JER, TRA	NSFLEX,	ETC))									
(Numbe	er of Join	ts : <b>3</b> )												
(Expan	ision / Fix	ed? : EXP	ANSION)											
(Locatio	on : <b>A1, A</b>	<b>2, P2</b> )												
% Insp	ected						100	Joints were flooded no leakage	was observed.					
	ts Leaks						0	_						
% Joint	t Length L	eaks					0	-						
	•	Damage Ra	ting				N	-						
	Substructure Damage Rating						6							
	Joint Ra		<u> </u>				7							
		VABO-MA	JER. TR	NSFLEX.	ETC))			1						
	er of Join		,	,										
		ed? : FIXE	<b>D</b> )											
	on : <b>P1</b> )		_ /											
% Insp	,						100							
· · ·	ts Leaks						0	-						
	t Length L	eaks					0	-						
		Damage Ra	ntina				N	-						
		mage Rati	-				4	There is spalling along the west	side of the west pier cap.					
	Joint Ra	U	<u>ig</u>				7							
Leven	oom ra	ung						Testing						
Testing	n Date			08-Aug-20	12		002	Previous Testing Date						
Weather	-	ion		00 / lug 20										
	rature (°C			21										
Conditi	· · · · ·	7		Sunny										
Equipme		nation												
		Make and	Model	Corexco C	DL - 20	0 EA	/512							
		d Location		1DJ, 2DJ		<u> </u>								
Туре				0, _ 00										
Measure	ment Lo	cations Inf												
Origin f	for Data			SW										
				Number				Length of Each (m)	Length of Last (m)					
X Increr	ments (Le	ength)		41				1.219	1.219					
Y Increr	ments (W	idth)		11				1.219	0.305					
CSE Res	sults													
Span N	lumbers			1,2,3										
Span T	уре			PM										
Wearin	g Surface	9		CONCRET	FE (SILI	CA F	UME)							

## Bridge Inspection & Maintenance System (Web 2005)

	CSE Testing										
Testing Year	% Deck Area 0 to -0.1 V	% Deck Area < -0.1 to -0.2 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	9.4	37.4	48.8	4.3	0.1	-0.203	0.071	-0.239	0.078		
	diction Model O ab Start Year	ptimum 5	2027								
Commen	ts										

Maintenance Recommendations											
Inspector Recommendations	Year	Inspector Comments	6		Depart	tment Comm	Target Year	Est. Cost	Cat #		
SEAL CURBS											
PATCH DECK											
SEAL DECK											
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS											
WASHING											
OTHER ACTION	_										
CRACK REPAIRS/TREATMENT	_										
PATCH CURBS/PARPETS	_										
OTHER ACTION											
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (%) 38.9		Sufficiency Rating (%)			49.6 I			ar	2035	i	
Level 1 Insp Date 10-Jan-2013	Next L	evel 1 Insp Date		10-Apr-2016 Current Level 1 Insp Cycle (Default)			t) (Months) 39				
Special Comments for Next Insp Mor	tor girder o	lelam, spalls @ rusting	g, staining on un	derside.							
Snooper? (Y/N) No Lift? (	′/N)	No T	raffic Control? (Y	/N) Yes	Boat? (Y/N) No			No	Ladder? (Y/N)	No	
Other Special Requirements Comments											
Previous Level 2 Inspector's Name Jase	n Saly		Previous Level 2 Insp Date 01-Aug-2000								
Next Level 2 Insp Date 04-0	ct-2016		Discontinue Level 2 Insp? (Y/N) No								
Level 2 Insp Previously Completed 1				Level 2 Insp Cycle (Default) 48 (Months)							
Detailed Report/Diagram? (Y/N) Yes											
Level 2 Insp Comments The	e is an ero	sion gully along teh S <sup>1</sup>	W wingwall.								
Next Level 2 Inspection/Test Con	rete Deck	Insp? (Y/N)	Yes	CSE	Testing	g? (Y/N)	Yes	Chloric	de Testing? (Y/N)	No	
Department Reviewer Comments											