Bridge Inspection																		
Bridge File Number 73897 E-1 Bridge								Form Type			CON							
Year Built/Year 1976/197									Lo	t No.			4					
Supstr									Ins	pector Name		Tom Carey						
Bridge or Town Name   MEDICIN									Ins	Inspector Class			BR CLS A					
				5.974;3:17 L1 5.978					As	Assistant Name								
Located On 1:21 R1 6.145									As	Assistant Class								
Water Body Cl./Year									Ins	Inspection Date			09-Feb-2012					
Navigabil. Cl./Year									Da	ita Entry	Ву Ву		Lauren Korte					
Legal Land Location NW SEC						6 W4	М		Da	Data Entry Date			26-Mar-2012					
				:13, 50:01:45					Re	Reviewer Name			Garry Roberts					
·				ransportation (AIT)					Re	Review Date			26-Feb-2012					
Contract Main. Area CMA23									De	Dept. Reviewer Name			Tim Davies					
	Clear Roadway/Skew 14.6 / -9			deg. (LHF)					De	Dept. Review Date			29-Mar-2012					
AADT/Year				011 (A)					Fo	Follow-Up By								
Road Classificat		RFC	)-412.4	4-130					4									
Detour Length (I		1																
Allowable Load	(t):   Sin	ngle CS1 28				Semi CS2 4						CS	33 62		> On Critical Spans >Critical Member			
Design Loading:			HS25	;											> Primary Span			
Doolgii Loadii ig.			11020				P	ostina	Infor	mation					> i iiiiai y	Орап		
Required Vert. C	learar	nce P	osting	ı (m)	UNDEF	R: 3 L1												
Posted Vertical					Yes													
Posted: Lane				dge (m)		In Adv	ance	(Y/N)	Yes	Lane	SB	0	n Bridge (m)	5.4	In Advance	e (Y/N)	Yes	
Remarks	Not re			<u> </u>				<u> </u>					- 3 - ( )			, ,		
Required Load F		•			Single					Semi				Truck Train				
Posted Loading		, ( )			Single					Semi			Truck Train					
Posted:	Lane	F	 ∃B		At Junction (			//N) No		In Advance (Y/N)		No	At Bridge (Y/N) No		No			
Posted:	Lane		NB		At Junction (Y/N)		110			vance (Y/N)		110	At Bridge (Y/N)		110			
Remarks				,,,,	I			<u> </u>	( . , ,		, <u>_</u> .							
Hazard Marker At Bridge (Y/N) No																		
Remarks																		
Other Sign Types ROUTE, SPEED.				 Э.														
TOUTE, OF LED.							Ut	ilities	(Loca	ated at)								
Utility Attachmer	nts								`									
Telephone							Ga	ns										
Power	Attach	ned to	o both	abut &	South ex	cit.				Municipal								
Others	Unde	rside	deck l	lighting.					Pro	Problem (Y/N) No								
Remarks	Light	Stand	dards.															
								Appro	ach l	Road								
							Last	Now	Ex	Explanation of Condition								
Horizontal Alignment					8	8												
Vertical Alignment					7	7												
Roadway Width (m) 10.500																		
Approach Bump				6	7													
Guardrail (Y/N) Yes							Co	Concrete Barrier.										
Guardrail					7	7												
Length (m) 35.000																		
Current Standard (Y/N) Yes																		
Termination Type TURNDOWN																		
Drainage	Drainage						7	7										
Approach Road General Rating					7	7												

						Supers	tructure							
Bridge Component						<u> </u>	Explanation of Condition							
	ın : CV, 3 Spar	ns, Lengtl	hs(m	n): 12.2-25-12			•							
Special Feat	ures													
Special Feat						7	South fascia has signs & Lighting.							
(Type:)														
Special Feat	ure					X								
(Type:)														
Wearing Surf	ace/Deck Top	Detail Rat	tings											
	N (%)	1 (%)		2 (%)	3 (%)									
Last	ast 0 0 0													
Now														
Wearing Surf	face				8	7	New overlay in 2010.							
(Material T	ype : <b>CONCRE</b>	ETE)					Moderate pop-outs.							
(Thickness	(mm) : <b>50</b> )													
Deck Top					N	N								
Deck Rideab	ility				8	8								
Deck Joints					8	8	Also longitudinal median seal. Gap is 31mm both joints.							
Temperatu		-10												
	Type : <b>GLAN</b>	D (WABO	-МА	UER, TRANS	FLEX,	ETC))								
(Fixed Type														
Gap Size (ı	mm)		-	ocation										
	85 West Abut													
80		Ea	ast A	but										
Deck Draina					7	7	No deck drain.							
Drains Clo		No				_								
Curbs/Media					8	8								
	: JERSEY/F S													
	ercent Area)	0												
Bridge Rail					X	X								
(Type:)														
Bridge Rail P	osts				X	X								
(Type : )														
Bridge Rail/P	osts Coating				X	X								
(Type : )														
Sidewalk					X	X								
Girders					4	5	Longitudinal crack up to 4mm wide - 10m long @ underside slab @ NE - repaired-epoxy injected- some minor corrosion stains. Center Span sagged 50mm.							
Diaphragms/	Cross Frame				Х	Х	Center Span sagged Somm.							
Bearings					7	7								
Temperature (deg. C) -10														
(Expansion Type : )														
	e : POT BEAR	ING)												
Coating Adequate (Y/N) Yes														
Functioning (Y/N) Yes														
Deck Underside						8								
Stains (Per		5			8									
$\overline{}$	nent Problems													
Vertical (Y/		No												
Horizontal	•	No												

				structure							
Bridge Component				Explanation of Condition							
(Primary Span : CV, 3 Spans, Le	ngths(m): 12.2-25-12	.2, A-Ic	dent Nu	mber: )							
<b>Superstructure General Rating</b>		4	5								
			,								
Duides Commonst		1		ructure							
Bridge Component		Last	Now	Explanation of Condition							
Abutments			I -	D 1 17% ( 11 )							
Bearing Seats		7	7	Re-habilitated bearing seats.							
Backwalls/Breastwalls		6	6								
Wingwalls		5	5								
Piles		N	N	Buried.							
Paint/Coating		6	6	New paint.							
Abutment Stability		7	7								
Scour/Erosion		Х	Х								
Piers/Bents											
(Type : PIER-COLUMN)											
Bearing Seats/Caps		7	7								
(Type : CONCRETE)											
Pier Shaft/Piles		7	7								
Tier Chart hed			<u> </u>								
Nose Plate		Х	X								
Paint/Coating		X	X								
(Colour Description : )											
(Colour Code : )											
Pier Stability		7	7								
Scour			Х								
Debris (Y/N)	No										
Substructure General Rating		7	7								
		S	Structu	re Usage							
		Last	Now	Explanation of Condition							
Grade Separation											
Road Alignment		7	7								
Traffic Safety Features		7	7								
Туре	CONC/LIGHTING										
Slope Protection		5	5	Sidewall has been re-cast and broken slope protection repaired @							
(Type : CONCRETE; CONCRE	TE)			West.   Minor cracks @ sidewalk and slope protection.							
Bank Stability		5	5	Starting to buckle at East.							
Drainage		7	7								
Grade Separation General Rati	ng	5	5								
				*							

Bridge Inspection & Maintenance System (Web 2005)

73897 E-1 Bridge

Maintenance Recommendations													
Inspector Recommendations	Year	Inspecto	or Comments		Department Con	mment	S		Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL													
GALVANIZE/PAINT BRIDGE RAIL													
RETROFIT BRIDGE RAIL													
SEAL CURBS													
PATCH DECK													
SEAL DECK													
OVERLAY DECK													
REPAIR/REPLACE DECK JOINTS													
RESET/ PAINT BEARINGS													
WASHING													
SHOTCRETE REPAIRS													
REPAIR ABUTMENT SCOUR/EROSIG	NC												
PLACE ADDITIONAL RIP RAP													
REMOVE DRIFT ACCUMULATION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
OTHER ACTION													
Structural Condition Rating (Last/No. (%)	ow) 61.1/6	6.7	Sufficiency Rating (Last/N	(wov	<b>52.2/55.5</b>		Repl. Yr	Yr 2027		qd. (Y/N)	No		
Special Comments for Next Inspection					Department Comments								
Maintenance Reviewed By					Date			E	<b>Estimated Total</b>	0			
Proposed Long-Term Strategy													
On 3-Year Program (Y/N)													
Proposed Action													
Previous Inspector's Name	Garry Roberts	3		Previous Assistant's Name									
Next Inspection Date	09-Nov-2013			Previous	Inspection Date		24-Oct-2010						
	21												

Alberta Transportation Bridge Inspection & Maintenance System (Web 2005)

73897 E-1 Bridge

Comment