						=	Bridge I	nspec	ction							
Bridge File Numb	Bridge File Number 75055 S-2 Bridge							Form Type			SG					
Year Built/Year Supstr	ar 1960/1960						Lot No.									
Bridge or Town Name LEDUC							Inspector Name		Eric Carcoux							
Located Over 39:11 L1 2.289;39:11 R1 2.29				202				ector Cl			BR CLS A					
Located Over 39.11 L1 2.289,39.11 R1 2.293				00				istant Na	-							
Water Body Cl./Year								istant Cl								
Navigabil. Cl./Year									ection D			26-Mar-2013				
Legal Land Location NE SEC 27 TWP			49 RGF	25 W/	1N/I			a Entry E			Theresa Lac					
							Data Entry Date		26-Mar-2013							
					Τ\			Reviewer Name								
		CMA11	ιαπορύπο	ation (Ai	' /				Review Date							
Clear Roadway/S		11.6 /							t. Revie							
AADT/Year		37,980 / 2	2012 (A)					Dept. Review Date								
Road Classificati		RAD-412						Follo	ow-Up B	Ву						
			.4-120													
Detour Length (k Allowable Load (	<u></u>	1	40		Semi	C	S2 68		T : 000		33 102> On Critical S		al Chana			
Allowable Load (	i). Sing	gle  CS1  GIRI			Semi		IRDER		'	Γrain		RDER		> On Critical Spans> Critical Member		
Design Loading:		HS2	0											> Primary S	> Primary Span	
						Po	osting I	nform	ation							
Required Vert. C	learan	ce Posting	g (m)	UNDER	R: 39 L	1 4.7	m, 39 R	1 4.7n	n							
Posted Vertical C	Clearan	nce (Y/N)														
Posted: Lane				In Advance (Y/N)			(Y/N)	Lane WB Or		n Bridge (m) In Advance (Y/N		(Y/N)				
Remarks																
Required Load Posting (t) Single			ngle			Semi			Truck Train							
Posted Loading (t)				Single				Semi				Truck Train				
Posted:	Lane			At Junction (Y/N)				In Adva	nce (Y	/N)		At Bridge (Y/N)				
Posted:	Lane	SB At Junction (\)		-			In Adva	nce (Y	/N)			idge (Y/N)				
Remarks																
Hazard Marker At Bridge (Y/N)																
Remarks																
Other Sign Types																
					Ut	ilities (l	Locate	ed at)								
Utility Attachments																
Telephone								Gas								
Power								Mun	icipal							
Others							Prob	olem (Y/	N)							
Remarks																
						Approach Road										
					Last	Now	Expl	lanatior	of Co	ondi	tion					
Horizontal Alignment				7		-										
Vertical Alignment				6												
Roadway Width (m)					_											
Approach Bump				5												
Guardrail (Y/N)																
Guardrail				N												
Length (m)																
Current Standa	•	N)														
Termination Ty	/ре															
Drainage						N										
Approach Road	Gene	ral Rating	)			6										

							tructure
							Explanation of Condition
		ns, Len	gths(r	n): 13.7-15.8	13.7, A	-Ident I	Number: A0318-02)
Special Feat							
Special Featu	ıre						
(Type:)						1	
Special Feature							
(Type:)					1		
Wearing Surfa			Ratings		2 (2()		
1 1	N (%)	1 (%)		2 (%)	3 (%)		
Last Now	10		0	0		5	
Wearing Surf		^		NTIONAL OL	3		
COAT)	/pe : <b>CONCR</b>	EIE-C	ONVE	NIIONAL CF	IIP SEA	\L	
(Thickness)	(mm) : <b>50</b> )						
Deck Top					3		
Deck Rideabi	lity				3		
Deck Joints					N		
Temperatur	re (deg. C)				IN		
	Type : <b>GLAN</b>	ID (WAI	RO-MA	UFR TRANS	SFI FX	FTC))	
(Fixed Type		ib (WAI		OLIV, IIVAIV	JI LLX,		
Gap Size (r			Gap L	ocation			
Cup 0:20 (:	,		- Cap -				
Deck Drainag	je				N		
Drains Clog	ged (Y/N)						
Curbs/Mediar	า				4		
(Curb Type	: Standard)						
Scaling (Pe	rcent Area)						
Bridge Rail					4		
(Type : GAI	LVANIZED S	TEEL B	RIDGE	TUBE)			
Bridge Rail P	osts				3		
(Type : GAI STEEL)	LVANIZED P	OST ST	EEL;G	ALVANIZED	POST		
Bridge Rail/P	osts Coating				7		
(Type : GAI	LVANIZED)						
Sidewalk					X		
Girder/Beam							
Cover Plate	)				6		
Flange					6		
Web					7		
Stiffeners					7		
Splice					7		
Weld					X		
Diaphragms/Cross Frame							

			Supers	tructure
Bridge Component			Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Le	engths(m): 13.7-15.8-1	3.7, A	Ident N	lumber: A0318-02)
Paint Condition		4		
(Colour Description : BLUE)				
(Colour Code : <b>15182</b> )				
Touchup Required (Y/N)				
Bearings		5		
Temperature (deg. C)				
(Expansion Type : ROCKER B	EARING)			
(Fixed Type : PINNED BEARIN	<b>IG</b> )			
Coating Adequate (Y/N)				
Functioning (Y/N)				
Deck Underside		4		
Stains (Percent Area)				
Span Alignment Problems				
Vertical (Y/N)				
Horizontal (Y/N)				
Superstructure General Rating		4		
			Subst	l ructure
Bridge Component		Last	Now	Explanation of Condition
Abutments		Luot	11011	Expandion of condition
Bearing Seats/Caps		6		
(Type : CONCRETE)				
Backwalls/Breastwalls		6		
Wingwalls		7		
Piles		N		
1 1100		.`.		
Paint/Coating		5		
Aboutes and Chability		6		
Abutment Stability				
Scour/Erosion				
Piers/Bents				
(Type : PIER-COLUMN)		6		
Bearing Seats/Caps				
(Type : CONCRETE)				
(Total Number of Bearing Piles :	4:4)			
Pier Shaft/Piles		6		
Bracing/Struts/Sheathing		X		
Nose Plate				
Paint/Coating				
(Colour Description : )				
(Colour Description : )				
Pier Stability		7		
Tier Stability		,		
Scour		Х		
Dobrio (V/N)				
Debris (Y/N)				
Substructure General Rating		6		

		Structu	re Usage
	Last	Now	Explanation of Condition
Grade Separation			
Road Alignment	7		
Traffic Safety Features	6		
Туре			
Slope Protection	4		
(Type : CONCRETE; CONCRE	TE)		
Bank Stability	6		
Drainage	6		
Grade Separation General Ratio	ng 6		

Bridge Inspection & Maintenance System (Web 2005)

75055 S-2 Bridge

		Mainte	nance Recommend	lations				
Inspector Recommendations	Year	Inspector Comments		Department Comme	ents	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								
REPAINT SUPERSTRUCTURE								
STRAIGHTEN/REPLACE MEMBERS								
WASHING								
SHOTCRETE REPAIRS								
REPAIR ABUTMENT SCOUR/EROSI	ON							
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/N (%)	ow) 55.6/	Sufficiency Ration (%)	ng (Last/Now)	<b>58.5</b> /	est. Repl. Yr	Maint. Re	qd. (Y/N)	
Special Comments for Next Inspection				Department Comments				
Maintenance Reviewed By				Date		Estimated Total	1 0	
Proposed Long-Term Strategy								
On 3-Year Program (Y/N)								
Proposed Action								
Previous Inspector's Name	Kris Bosters		Previous	Assistant's Name				
Next Inspection Date	26-Dec-2014		Previous	Inspection Date	14-Dec-2012			

Alberta Transportation Bridge Inspection & Maintenance System (Web 2005)

75055 S-2 Bridge

Inspection Cycle (Default) (months)	21
Comment	