

Bridge Inspection							
Bridge File Number	75055 S-2 Bridge			Form Type	SG		
Year Built/Year Supstr	1960/1960			Lot No.			
Bridge or Town Name	LEDUC			Inspector Name	Eric Carcoux		
Located Over	39:11 L1 2.289;39:11 R1 2.293			Inspector Class	BR CLS A		
Located On	2:30 L1 35.186			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	26-Mar-2013		
Legal Land Location	NE SEC 27 TWP 49 RGE 25 W4M			Data Entry By	Theresa Lacusta		
Longitude, Latitude	-113:33:50, 53:15:52			Data Entry Date	26-Mar-2013		
Road Authority	Alberta Transportation (AIT)			Reviewer Name			
Contract Main. Area	CMA11			Review Date			
Clear Roadway/Skew	11.6 /			Dept. Reviewer Name			
AADT/Year	37,980 / 2012 (A)			Dept. Review Date			
Road Classification	RAD-412.4-120			Follow-Up By			
Detour Length (km)	1						
Allowable Load (t):	Single	CS1 42 GIRDER	Semi	CS2 68 GIRDER	Train	CS3 102 GIRDER	----> On Critical Spans ---->Critical Member
Design Loading:	HS20						----> Primary Span

Posting Information											
Required Vert. Clearance Posting (m)			UNDER: 39 L1 4.7m, 39 R1 4.7m								
Posted Vertical Clearance (Y/N)											
Posted:	Lane	EB	On Bridge (m)		In Advance (Y/N)		Lane	WB	On Bridge (m)		In Advance (Y/N)
Remarks											
Required Load Posting (t)			Single		Semi		Truck Train				
Posted Loading (t)			Single		Semi		Truck Train				
Posted:	Lane	NB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)				
Posted:	Lane	SB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)				
Remarks											

Hazard Marker At Bridge (Y/N)											
Remarks											
Other Sign Types											

Utilities (Located at)											
Utility Attachments											
Telephone						Gas					
Power						Municipal					
Others						Problem (Y/N)					
Remarks											

Approach Road				
	Last	Now	Explanation of Condition	
Horizontal Alignment	7			
Vertical Alignment	6			
Roadway Width (m)				
Approach Bump	5			
Guardrail (Y/N)				
Guardrail	N			
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage	N			
Approach Road General Rating	6			

Superstructure				
Bridge Component	Last	Now	Explanation of Condition	
(Primary Span : RB, 3 Spans, Lengths(m): 13.7-15.8-13.7, A-Ident Number: A0318-02)				
Special Features				
Special Feature				
(Type :)				
Special Feature				
(Type :)				
Wearing Surface/Deck Top Detail Ratings				
	N (%)	1 (%)	2 (%)	3 (%)
Last	10	0	0	5
Now				
Wearing Surface		3		
(Material Type : CONCRETE - CONVENTIONAL CHIP SEAL COAT)				
(Thickness(mm) : 50)				
Deck Top		3		
Deck Rideability		3		
Deck Joints		N		
Temperature (deg. C)				
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))				
(Fixed Type :)				
Gap Size (mm)	Gap Location			
Deck Drainage		N		
Drains Clogged (Y/N)				
Curbs/Median		4		
(Curb Type : Standard)				
Scaling (Percent Area)				
Bridge Rail		4		
(Type : GALVANIZED STEEL BRIDGE TUBE)				
Bridge Rail Posts		3		
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)				
Bridge Rail/Posts Coating		7		
(Type : GALVANIZED)				
Sidewalk		X		
Girder/Beam				
Cover Plate		6		
Flange		6		
Web		7		
Stiffeners		7		
Splice		7		
Weld		X		
Diaphragms/Cross Frame		7		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Lengths(m): 13.7-15.8-13.7, A-Ident Number: A0318-02)				
Paint Condition		4		
(Colour Description : BLUE)				
(Colour Code : 15182)				
Touchup Required (Y/N)				
Bearings		5		
Temperature (deg. C)				
(Expansion Type : ROCKER BEARING)				
(Fixed Type : PINNED BEARING)				
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		
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		6		
(Type : CONCRETE)				
Backwalls/Breastwalls		6		
Wingwalls		7		
Piles		N		
Paint/Coating		5		
Abutment Stability		6		
Scour/Erosion		7		
Piers/Bents				
(Type : PIER-COLUMN)				
Bearing Seats/Caps		6		
(Type : CONCRETE)				
(Total Number of Bearing Piles : 4:4)				
Pier Shaft/Piles		6		
Bracing/Struts/Sheathing		X		
Nose Plate		X		
Paint/Coating		5		
(Colour Description :)				
(Colour Code :)				
Pier Stability		7		
Scour		X		
Debris (Y/N)				
Substructure General Rating		6		

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7		
Traffic Safety Features		6		
Type				
Slope Protection		4		
(Type : CONCRETE; CONCRETE)				
Bank Stability		6		
Drainage		6		
Grade Separation General Rating		6		

Inspection Cycle (Default) (months)	21
Comment	