

Bridge Inspection									
Bridge File Number	81282 W-2 Bridge				Form Type	PSR			
Year Built/Year Supstr	1989/1989				Lot No.	2			
Bridge or Town Name	WEBERVILLE				Inspector Name	Brian Pientsch			
Located Over	CNR				Inspector Class	BR CLS A			
Located On	986:01 L1 29.883				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	20-Mar-2013			
Legal Land Location	NE SEC 11 TWP 85 RGE 21 W5M				Data Entry By	Theresa Lacusta			
Longitude, Latitude	-117:11:45, 56:21:42				Data Entry Date	09-Apr-2013			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA04				Review Date	03-Apr-2013			
Clear Roadway/Skew	11 / -29 deg. (LHF)				Dept. Reviewer Name				
AADT/Year	1,030 / 2012 (A)				Dept. Review Date				
Road Classification	RCU-210-110				Follow-Up By				
Detour Length (km)	1								
Allowable Load (t):	Single	CS1 28	Semi	CS2 49	Train	CS3 62	----> On Critical Spans ---->Critical Member		
Design Loading:	MS300						----> Primary Span		

Posting Information												
Required Vert. Clearance Posting (m)												
Posted Vertical Clearance (Y/N)		No										
Posted:	Lane	NB	On Bridge (m)		In Advance (Y/N)	No	Lane	SB	On Bridge (m)		In Advance (Y/N)	No
Remarks		Not required.										
Required Load Posting (t)		Single		Semi		Truck Train						
Posted Loading (t)		Single		Semi		Truck Train						
Posted:	Lane	WB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No				
Posted:	Lane	EB	At Junction (Y/N)		In Advance (Y/N)		At Bridge (Y/N)					
Remarks		Not req'd.										
Hazard Marker At Bridge (Y/N)		Yes										
Remarks		E corners only										
Other Sign Types		PULP MILL INFORMATION SIGNS										

Utilities (Located at)									
Utility Attachments									
Telephone					Gas				
Power	Underground				Municipal				
Others	Light standards, N. corner				Problem (Y/N)	No			
Remarks									

Approach Road									
		<b>Last</b>		<b>Now</b>		<b>Explanation of Condition</b>			
Horizontal Alignment		6		6		ACP 70mm deep pothole W approach.-photo			
Vertical Alignment		7		7					
Roadway Width (m)		10.000							
Approach Bump		5		3					
Guardrail (Y/N)		Yes							
Guardrail		5		5					
Length (m)		33.000							
Current Standard (Y/N)		No							
Termination Type		TURNED DOWN							
Drainage		6		6					
<b>Approach Road General Rating</b>		<b>6</b>		<b>6</b>					

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : CBT, 1 Spans, Lengths(m): 20, A-Ident Number: )					
<b>Special Features</b>					
Special Feature			X		
(Type : )					
Special Feature			X		
(Type : )					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	ACP edges raveling at joint .
<b>Last</b>	30	0	0	0	
<b>Now</b>	5.0			5.0	
Wearing Surface			4	3	4 ACP potholes 50mm deep cvlose to West abutment.-photo Waterproofing membrane exposed.
(Material Type : <b>ACP - CONVENTIONAL CHIP SEAL COAT</b> )					
(Thickness(mm) : <b>50</b> )					
Lateral Connection Problem (Y/N)		No			
Deck Top			N	N	
Deck Rideability			7	5	
Deck Joints			N	7	
Temperature (deg. C)		-3			
(Expansion Type : <b>ARMoured GLAND (WABO UNDER FINGER OR SLIDING PLATES)</b> )					
(Fixed Type : )					
Gap Size (mm)		Gap Location			
15		W. abut			
10		E. abut			
Deck Drainage			7	7	
Drains Clogged (Y/N)		No			
Curbs/Median			7	N	Snow covered
(Curb Type : <b>None</b> )					
Scaling (Percent Area)		0			
Bridge Rail			7	7	3 Post caps missing. - photo.
(Type : )					
Bridge Rail Posts		4	4		
(Type : <b>GALVANIZED POST STEEL;GALVANIZED POST STEEL</b> )					
Bridge Rail/Posts Coating		7	7		
(Type : <b>GALVANIZED</b> )					
Sidewalk			X	X	
Girder Detail Ratings					
	N (count)	1 (count)	2 (count)	3 (count)	
<b>Last</b>	1	0	0	0	
<b>Now</b>	8				
Girders			N	N	(G4 West end S. side has a 150x150mm spall exposing rebar.- Sept 19, 2009) Could not confirm due to location.
Cracking (Y/N)		Yes			
Spalling (Percent Area)		1			
(Number Of Girders : <b>8</b> )					

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : CBT, 1 Spans, Lengths(m): 20, A-Ident Number: )				
Diaphragms/Cross Frame		8	N	
Bearings		N	N	
Temperature (deg. C)	-3			
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : NEOPRENE STRIP BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	N	
Stains (Percent Area)	0			
<b>Span Alignment Problems</b>				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
<b>Superstructure General Rating</b>		<b>4</b>	<b>4</b>	GR carried over 19 sep 2009
Substructure				
Bridge Component		Last	Now	Explanation of Condition
<b>Abutments</b>				
Bearing Seats/Caps		7	7	
(Type : CONCRETE)				
Backwalls/Breastwalls		8	N	
Wingwalls		7	N	Snow covered
Piles		N	N	
Paint/Coating		8	5	
Abutment Stability		8	7	
Scour/Erosion		X	X	
<b>Piers/Bents</b>				
(Type : )				
Bearing Seats/Caps		X	X	
(Type : )				
(Total Number of Bearing Piles : )				
Pier Shaft/Piles		X	X	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		X	X	
(Colour Description : )				
(Colour Code : )				
Pier Stability		9	X	
Scour		X	X	
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>7</b>	<b>7</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		6	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		8	8	
(Type : )				
Bank Stability		8	8	
Drainage		7	7	
<b>Grade Separation General Rating</b>		<b>7</b>	<b>7</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
GALVANIZE/PAINT BRIDGE RAIL							
SEAL CURBS							
PATCH DECK	2013	ACP potholes.					
SEAL DECK							
OVERLAY DECK							
REPAIR/REPLACE DECK JOINTS							
RESET/ PAINT BEARINGS							
WASHING							
SHOTCRETE REPAIRS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
OTHER ACTION	2013	Replace 3 missing post caps.					
OTHER ACTION	2013	Fill in pothole in approaches.					
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>61.1/61.1</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>65.7/65.6</b>	Est. Repl. Yr	2049	Maint. Req. (Y/N)	Yes
Special Comments for Next Inspection	Monitor spall @ W. end of G4.		Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Brian Pientsch		Previous Assistant's Name	Russel Vanderschaaf			
Next Inspection Date	20-Jun-2016		Previous Inspection Date	12-May-2011			
Inspection Cycle (Default) (months)	39						
Comment							