

Bridge Inspection							
Bridge File Number	01158 -1 Bridge			Form Type	SG		
Year Built/Year Supstr	1954/1954			Lot No.			
Bridge or Town Name	SILVERWOOD			Inspector Name	Eric Carcoux		
Located Over	SADDLE RIVER, 8.10.72, WATERCRS-ST			Inspector Class	BR CLS A		
Located On	2:70 C1 12.498			Assistant Name			
Water Body Cl./Year				Assistant Class			
Navigabil. Cl./Year				Inspection Date	29-Apr-2013		
Legal Land Location	NE SEC 4 TWP 77 RGE 5 W6M			Data Entry By	Theresa Lacusta		
Longitude, Latitude	-118:42:02, 55:38:39			Data Entry Date	29-Apr-2013		
Road Authority	Alberta Transportation (AIT)			Reviewer Name			
Contract Main. Area	CMA05			Review Date			
Clear Roadway/Skew	9.1 / 0 deg.			Dept. Reviewer Name			
AADT/Year	3,680 / 2012 (A)			Dept. Review Date			
Road Classification	RAU-213.4-120			Follow-Up By			
Detour Length (km)	20						
Allowable Load (t):	Single	H 47 GIRDER	Semi	HS 57 GIRDER	Train	CS3 84 GIRDER	---> On Critical Spans --->Critical Member
Design Loading:	MS300						---> Primary Span

Posting Information							
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 UTILITIES-PHONE LINE		
Telephone			Gas
Power			Municipal
Others			Problem (Y/N)
Remarks			

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		7		
Vertical Alignment		7		
Roadway Width (m)				
Approach Bump		6		
Guardrail (Y/N)				
Guardrail		3		
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage		7		
Approach Road General Rating		7		

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Lengths(m): 15.4-18.6-15.4, A-Ident Number: A0188-01;A0192-01;A0192-02;A0192-03)						
Special Features						
Special Feature						
(Type :)						
Special Feature						
(Type :)						
Wearing Surface/Deck Top Detail Ratings						
	N (%)	1 (%)	2 (%)	3 (%)		
Last	5	0	0	0		
Now						
Wearing Surface				5		
(Material Type :)						
(Thickness(mm) :)						
Deck Top				N		
Deck Rideability				6		
Deck Joints				4		
Temperature (deg. C)						
(Expansion Type : GLAND (WABO-MAUER, TRANSFLEX, ETC))						
(Fixed Type :)						
Gap Size (mm)		Gap Location				
Deck Drainage				7		
Drains Clogged (Y/N)						
Curbs/Median				3		
(Curb Type : Standard)						
Scaling (Percent Area)						
Bridge Rail				7		
(Type : GALVANIZED STEEL BRIDGE TUBE)						
Bridge Rail Posts				4		
(Type : GALVANIZED POST STEEL;GALVANIZED POST STEEL)						
Bridge Rail/Posts Coating				7		
(Type : GALVANIZED)						
Sidewalk				X		
Girder/Beam						
Cover Plate				3		
Flange				7		
Web				7		
Stiffeners				X		
Splice				X		
Weld				3		
Diaphragms/Cross Frame				6		

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : RB, 3 Spans, Lengths(m): 15.4-18.6-15.4, A-Ident Number: A0188-01;A0192-01;A0192-02;A0192-03)				
Paint Condition		7		
(Colour Description : GREEN)				
(Colour Code : 14090)				
Touchup Required (Y/N)				
Bearings		7		
Temperature (deg. C)				
(Expansion Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
(Fixed Type : REINFORCED NEOPRENE BEARING WITH TEFLON AND STAINLESS STEEL)				
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		3		
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		6		
(Type : CONCRETE)				
Backwalls/Breastwalls		7		
Wingwalls		5		
Piles		N		
Paint/Coating		6		
Abutment Stability		6		
Scour/Erosion		6		
Piers/Bents				
(Type : PIER-SOLID)				
Bearing Seats/Caps		4		
(Type : CONCRETE)				
(Total Number of Bearing Piles : 0:0)				
Pier Shaft/Piles		4		
Bracing/Struts/Sheathing		X		
Nose Plate		8		
Paint/Coating		6		
(Colour Description :)				
(Colour Code :)				
Pier Stability		8		
Scour		6		
Debris (Y/N)				

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Substructure General Rating		4		
Structure Usage				
		Last	Now	Explanation of Condition
Channel				
(U/S Direction : W)				
(D/S Direction : E)				
Alignment		7		
Bank Stability		5		
HWM (m below Top of Curb)				
Drift (Y/N)				
Slope Protection		7		
(Type : NATURAL; NATURAL)				
Guidebank/Spurs		X		
Adequacy of Opening		7		
(Fish Compensation Measure 1 : NONE)				
(Fish Compensation Measure 2 : NONE)				
Channel General Rating		7		

Maintenance Recommendations						
Inspector Recommendations	Year	Inspector Comments	Department Comments	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/EROSION						
PLACE ADDITIONAL RIP RAP						
REMOVE DRIFT ACCUMULATION						
OTHER ACTION						
OTHER ACTION						
OTHER ACTION						
OTHER ACTION						
Structural Condition Rating (Last/Now) (%)	38.9/	Sufficiency Rating (Last/Now) (%)	46.8/	Est. Repl. Yr		Maint. Req. (Y/N)
Special Comments for Next Inspection			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	29-Jan-2015		Previous Inspection Date	25-Jul-2011		
Inspection Cycle (Default) (months)	21					
Comment						