

Bridge Inspection									
Bridge File Number	75081 -1 Bridge				Form Type	TT			
Year Built/Year Supstr	1959/1959				Lot No.	2			
Bridge or Town Name	NEW SAREPTA				Inspector Name	Todd Warshawski			
Located Over	TRAIL-ANIMAL, OVER SP				Inspector Class	BR CLS B			
Located On	21:26 C1 3.820				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	07-Jan-2013			
Legal Land Location	NE SEC 32 TWP 49 RGE 22 W4M				Data Entry By	Lisa Fairhurst			
Longitude, Latitude	-113:10:54, 53:16:33				Data Entry Date	22-Jan-2013			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Eric Carcoux			
Contract Main. Area	CMA09				Review Date	17-Jan-2013			
Clear Roadway/Skew	10.6 /				Dept. Reviewer Name	Brent Herrick			
AADT/Year	5,930 / 2011 (A)				Dept. Review Date	23-Jan-2013			
Road Classification	RAU-211.8-110				Follow-Up By				
Detour Length (km)	3								
Allowable Load (t):	Single		Semi		Train		----> On Critical Spans ---->Critical Member		
Design Loading:							----> 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	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No				
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No				
Remarks												
Hazard Marker At Bridge (Y/N)	No											
Remarks	Not required											
Other Sign Types	Info 50m NW											

Utilities (Located at)									
Utility Attachments									
Telephone					Gas	60 m south.			
Power					Municipal				
Others					Problem (Y/N)	No			
Remarks	No BF tag found								

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		7	7	Approaches approx 100m NW. Crest curve to southeast.
Vertical Alignment		7	7	
Roadway Width (m)	10.100			Recently repaired
Approach Bump		6	7	
Guardrail (Y/N)	Yes			Strike damage at SW approach-photo Several loose/split spacer blocks-photo
Guardrail		4	4	
Length (m)	87.500			
Current Standard (Y/N)	Yes			
Termination Type	Turned Down			
Drainage		7	7	
Approach Road General Rating		7	7	

Superstructure							
Bridge Component		Last	Now	Explanation of Condition			
(Primary Span : TP, 1 Spans, Lengths(m): 1.5, A-Ident Number:)							
Special Features							
Special Feature			X				
(Type :)							
Special Feature			X				
(Type :)							
Wearing Surface/Deck Top Detail Ratings							
	N (%)	1 (%)	2 (%)	3 (%)			
Last							
Now	0.0	0.0	0.0	0.0			
Wearing Surface/Deck Top			6	8	Recently repaired		
(Material Type : ACP)							
(Plank Thickness(mm) : 50)							
(Plank Width(mm) :)							
Deck Rideability			7	8			
Wheel Guards			X	X			
(Curb Type :)							
(Type :)							
(Thickness(mm) :)							
(Width(mm) :)							
Bridge Rail			X	X			
(Type :)							
Bridge Rail Posts			X	X			
(Type :)							
Bridge Rail/Posts Coating			X	X			
(Type :)							
(No. of Stringers : 15)							
Stringer Detail Ratings							
	N (count)	1 (count)	2 (count)	3 (count)			
Last							
Now							
Stringers			6	6			
(Type :)							
(Width(mm) : 150)							
(Depth(mm) : 200)							
(Spacing(mm) : 1200)							
Sub Deck/Deck Underside			7	3	2 broken planks (150x150x2m) at south end under edge of roadway-photo damage appears to be from guardrail install		
(Material Type : TREATED TIMBER)							
(Plank Thickness(mm) : 150)							
(Plank Width(mm) : 150)							
Defects (Percent Area)		2					
Span Alignment Problems							
Vertical (Y/N)		No					
Horizontal (Y/N)		No					
Superstructure General Rating			6	3			
Substructure							
Bridge Component		Last	Now	Explanation of Condition			
Abutments							
(Extended Backwall Piles (Y/N) : N)							
(Extended Backwall Piles Spacing(mm) :)							

Substructure						
Bridge Component		Last	Now	Explanation of Condition		
(Total Number of Caps/Corbels : 1:1)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Bearing Seats/Caps/Corbels				6	6	
(Type : TREATED TIMBER)						
(Depth(mm) : 300)						
(Width(mm) :)						
Backwalls/Breastwalls				6	6	
Greatest Height (m)		1.80				
Wingwalls				4	4	
SW wingwall in damaged. Top plank on SW & NE wingwall is rotted & fallen down blocking opening - photo.						
(Total Number of Bearing Piles : 15:15)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now	0	0	0	0		
Piles				6	6	
Paint/Coating				X	X	
Abutment Stability				7	7	
Scour/Erosion				7	7	
Piers/Bents						
(Type :)						
(Total Number of Caps/Corbels :)						
Bearing Seats/Caps/Corbels Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Bearing Seats/Caps/Corbels				X	X	
(Type :)						
(Depth(mm) :)						
(Width(mm) :)						
(Total Number of Bearing Piles :)						
Piles Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		
Last						
Now						
Pier Shaft/Piles				X	X	
Greatest Height (m)						
Bracing/Struts/Sheathing				4	4	
Floor struts been dislodged. Missing or buried struts at piles 14 & 15.						
Nose Plate				X	X	
Paint/Coating				X	X	
(Colour Description :)						
(Colour Code :)						
Pier Stability				X	X	
Scour				X	X	

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Debris (Y/N)	No			
Substructure General Rating		6	6	
Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		7	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : NATURAL; NATURAL)				
Bank Stability		7	7	
Drainage		7	7	
Grade Separation General Rating		7	7	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL	2013	Repair damaged crash barrier end					
PATCH DECK							
REPLACE STRIP DECK							
REPLACE SUB DECK	2013	Replace 2 planks (150x150x2m)					
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS	2013	Re-attach floor struts & replace missing 2-200 x 200 x 1450.					
OTHER ACTION	2013	Replace broken planks on NE, SE & SW wingwalls, 75 x 300 x 7200.					
OTHER ACTION	2013	Replace/attach loose/damaged guardrail spacer blocks					
OTHER ACTION							
OTHER ACTION							
Structural Condition Rating (Last/Now) (%)	66.7/50.0	Sufficiency Rating (Last/Now) (%)	52.7/45.2	Est. Repl. Yr	2022	Maint. Req'd. (Y/N)	Yes
Special Comments for Next Inspection	Note: Fencing attached to wingwalls at both ends are electrically charged		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	Todd Warshawski		Previous Assistant's Name				
Next Inspection Date	07-Oct-2014		Previous Inspection Date	09-Feb-2011			
Inspection Cycle (Default) (months)	21						
Comment							