

Bridge Inspection														
Bridge File Number	85070 -1 Bridge					Form Type	SG							
Year Built/Year Supstr	2007/2007					Lot No.								
Bridge or Town Name						Inspector Name	Wade Nanninga							
Located Over	216:04 L1 15.628;216:04 R1 15.603;RAMP 3165-1 D;RAMP 3165-1 H					Inspector Class	BR CLS A							
Located On	LOCAL ROAD					Assistant Name								
Water Body Cl./Year						Assistant Class								
Navigabil. Cl./Year						Inspection Date	27-Feb-2013							
Legal Land Location	NW SEC 29 TWP 51 RGE 23 W4M					Data Entry By	Theresa Lacusta							
Longitude, Latitude	-113:22:09, 53:26:17					Data Entry Date	20-Mar-2013							
Road Authority	AREL					Reviewer Name								
Contract Main. Area	ANTHONY HENDAY DRIVE					Review Date								
Clear Roadway/Skew	10.4 /					Dept. Reviewer Name	Eric Carcoux							
AADT/Year	1,000 / 2013 (E)					Dept. Review Date	22-Mar-2013							
Road Classification	UAU-209.0-070					Follow-Up By								
Detour Length (km)	3													
Allowable Load (t):	Single	CS1 28			Semi	CS2 49			Train	CS3 62			----> On Critical Spans ---->Critical Member	
Design Loading:	CL800										----> Primary Span			
Posting Information														
Required Vert. Clearance Posting (m)														
Posted Vertical Clearance (Y/N)														
Posted:	Lane	WB	On Bridge (m)	6.5	In Advance (Y/N)	Yes	Lane	EB	On Bridge (m)	6.3	In Advance (Y/N)	Yes		
Remarks														
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	At Bridge (Y/N)	No				
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	At Bridge (Y/N)	No				
Remarks														
Not required.														
Hazard Marker At Bridge (Y/N)		Yes												
Remarks		Installed @ ends of approach railing.												
Other Sign Types														
Utilities (Located at)														
Utility Attachments														
Telephone						Gas								
Power	Street lighting.					Municipal								
Others						Problem (Y/N)	No							
Remarks														
Approach Road														
				Last	Now	Explanation of Condition								
Horizontal Alignment				7	8	Crack sealed @ abutments.								
Vertical Alignment				7	7									
Roadway Width (m)				10.000										
Approach Bump				7	5									
Guardrail (Y/N)				Yes										
Guardrail				8	8									
Length (m)				99.000										
Current Standard (Y/N)				Yes										
Termination Type				Fleat										
Drainage				8	8									
Approach Road General Rating				7	7									

Superstructure					
Bridge Component		Last	Now	Explanation of Condition	
(Primary Span : WG, 2 Spans, Lengths(m): 51.91-52.81, A-Ident Number: A1762-02)					
Special Features					
Special Feature			X		
(Type :)					
Special Feature			X		
(Type :)					
Wearing Surface/Deck Top Detail Ratings					
	N (%)	1 (%)	2 (%)	3 (%)	
Last					
Now					
Wearing Surface			8	8	
(Material Type : ACP)					
(Thickness(mm) : 80)					
Deck Top			N	N	
Deck Rideability			8	8	
Deck Joints			X	X	
Temperature (deg. C)					
(Expansion Type :)					
(Fixed Type :)					
Gap Size (mm)		Gap Location			
Deck Drainage			8	8	No drains.
Drains Clogged (Y/N)		No			
Curbs/Median			8	8	
(Curb Type : SINGLE SLOPE CONCRETE BARRIER)					
Scaling (Percent Area)					
Bridge Rail			X	X	
(Type :)					
Bridge Rail Posts			X	X	
(Type :)					
Bridge Rail/Posts Coating			X	X	
(Type :)					
Sidewalk			X	X	
Girder/Beam					
Cover Plate			X	X	
Flange			8	8	
Web			8	8	
Stiffeners			8	8	
Splice			8	8	
Weld			8	8	
Diaphragms/Cross Frame			8	8	

Superstructure				
Bridge Component		Last	Now	Explanation of Condition
(Primary Span : WG, 2 Spans, Lengths(m): 51.91-52.81, A-Ident Number: A1762-02)				
Paint Condition		8	8	Weathering steel.
(Colour Description :)				
(Colour Code :)				
Touchup Required (Y/N)	No			
Bearings		8	8	
Temperature (deg. C)	-5			
(Expansion Type : REINFORCED PAD BEARING)				
(Fixed Type : PINNED BEARING)				
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		8	7	Narrow cracks near North abutment.
Stains (Percent Area)	0			
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Rating		8	7	
Substructure				
Bridge Component		Last	Now	Explanation of Condition
Abutments				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
Backwalls/Breastwalls		8	8	
Wingwalls		8	8	
Piles		N	N	
Paint/Coating		6	7	
Abutment Stability		8	8	
Scour/Erosion		8	8	
Piers/Bents				
(Type : PIER-COLUMN)				
Bearing Seats/Caps		8	8	
(Type : CONCRETE)				
(Total Number of Bearing Piles : 3)				Narrow map cracking
Pier Shaft/Piles		8	7	
Bracing/Struts/Sheathing		X	X	
Nose Plate		X	X	
Paint/Coating		8	8	Cream.
(Colour Description :)				
(Colour Code :)				
Pier Stability		8	8	
Scour		8	8	
Debris (Y/N)	No			
Substructure General Rating		8	8	

Structure Usage				
		Last	Now	Explanation of Condition
Grade Separation				
Road Alignment		9	9	
Traffic Safety Features		8	8	
Type	Lighting			
Slope Protection		8	8	
(Type : GRAVEL; GRAVEL)				
Bank Stability		8	8	
Drainage		8	8	
Grade Separation General Rating		8	8	

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) (%)	88.9/83.3	Sufficiency Rating (Last/Now) (%)	77.2/72.3	Est. Repl. Yr	2080	Maint. Req. (Y/N)	No
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	Eric Carcoux		Previous Assistant's Name				
Next Inspection Date	27-Nov-2014		Previous Inspection Date	25-Apr-2011			
Inspection Cycle (Default) (months)	21						
Comment							