Bridge Flie Number 17466 1 Bridge Florm Type PSR	Bridge Inspection															
Located Over	Bridge File Number 77466 -1 Bridge										PSR					
Bridge or Town Name																
Located Over CPR							Inspector Name									
Located On 22:16 C1 12:770								Inspector Class			BR CLS A					
Assistant Class Inspection Date 13-Jun-2012 Data Entry By Lauren Korte Legal Land Location SW SEC 10 TWP 26 RGE 4 W5M Data Entry Date 27-Jun-2012 Data Entry Data Data Entry Data Entry Data Data Entry Data Data Entry Data Data Entry Data Entry Data Data Entry Data Data Entry Data Data Entry Data Entry Data Data Entry Data Data Entry Data Entry Data Data Entry Data Entry Data Entry Data Data Entry Data Entry Data Entry Data Entry Data Entry Data Data Entry								Assistant Name								
Navigabil. CI./Year Legal Land Location SW SEC 10 TWP 26 RGE 4 W5M Data Entry By Lauren Korte Data Entry By Lauren Korte Data Entry Date 27-Jun-2012 Confuded, Latitude -114:29:11, 51:11:52 Reviewer Name Ash Morjaria As								Ass	sistant C	Class						
Legal Land Location								Ins	pection	Date		13-Jun-2012				
Longitude, Latitude							Dat	a Entry	Ву		Lauren Korte)				
Review Date 19-Jun-2012					M		Dat	a Entry	Date		27-Jun-2012					
Contract Main. Area CMA28							Rev	·			Ash Morjaria					
Clear Roadway/Skew 11 / -19 deg. (LHF)				ransporta	ation (AIT)			Rev				19-Jun-2012			
AADT/Year									Der	ot. Revi	ewer l	Name	Tim Davies			
Road Classification RAU-211.8-110 Detout Length (km) 3 3	Clear Roadway/S				-)				Der	ot. Revi	ew Da	ate	29-Jun-2012			
Road Classification RAU-211.8-110 Detour Length (km) 3 Allowable Load (t): Single Semi Train > On Critical Span> Critical Member> Primary Span > Primary S	AADT/Year		11,590 / 2	2011 (A)					<u> </u>							
Allowable Load (I): Single	Road Classificati	ion	RAU-211	.8-110						•	,					
Design Loading: HS20	Detour Length (k	m)	3													
Posting Information Required Vert. Clearance Posting (m) Posted: Lane NB On Bridge (m) In Advance (Y/N) Lane SB On Bridge (m) In Advance (Y/N) Remarks Not required. Required Load Posting (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 Not required. Remarks Not required. Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Not required. Hazard Marker At Bridge (Y/N) Yes Remarks Other Sign Types Speed 60km, Route info. Utilities (Located at) Utility Attachments Telephone North abutment & @ NE & NW. Gas 150m West. Power NW & NE single wire North abutment. Municipal Telegraph line under span 1. Others Light standards @ North. Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 5 5 5 Controlled intersection 30m North. Vertical Alignment 5 5 Guardrail (Y/N) Yes Guardrail (Y/N) Yes Guardrail (Y/N) Yes Not thriebeam.	Allowable Load (t): Sin	gle			Semi					Train	١			> On Critic	al Spans
Required Vert. Clearance Posting (m) Posted Vertical Clearance (Y/N) Remarks Not required. Required Lane NB On Bridge (m) In Advance (Y/N) Remarks Not required. Required Load Posting (t) Single Semi Truck Train Posted: Lane NB At Junction (Y/N) No In Advance (Y/N) No At Bridge (Y/N) No Remarks Other Sign Types Speed 60km, Route info. Utility Attachments Telephone North abutment & @ NE & NW. Power NW & NE single wire North abutment. Municipal Telegraph line under span 1. Others Light standards @ North. Problem (Y/N) No Approach Road Last Now Explanation of Condition Horizontal Alignment 5 5 5 Controlled intersection 30m North. Vertical Alignment 5 5 5 Guardrail (Y/N) Yes Guardrail (Y/N) Yes Guardrail (Y/N) Yes Cuardrail Not thriebeam.	Design Loadings		LICO	0												
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Other Sign Types Speed 60km, Route info. Utilities (Located at) Utility Attachments Telephone North abutment & @ NE & NW. Gas 150m West. Power NW & NE single wire North abutment. Municipal Telegraph line under span 1. Others Light standards @ North. Problem (Y/N) No Remarks Approach Road Last Now Explanation of Condition Horizontal Alignment 5 5 5 Controlled intersection 30m North. Vertical Alignment 5 5 Roadway Width (m) 11.000 Approach Bump 5 5 Guardrail (Y/N) Yes Guardrail Not thriebeam.	-															
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Guardrail (Y/N) Yes Guardrail 5 5																
Guardrail 5 5 Not thriebeam.						5	5	\vdash								
Guardraii 5 5	,						Not	thrich	am							
Length (m) 99,000					5	5	INUI	. umebe	aiii.							
	Length (m) 99.000															
Current Standard (Y/N) No	, , ,															
Termination Type TURNED DOWN	Termination Type TURNED DOWN			ı												
Drainage 6 6	Drainage						6	6								
Approach Road General Rating 5 5	Approach Road	Gene	ral Rating)			5	5								

Superstructure											
Bridge Component					Explanation of Condition						
(Primary Span : PM, 3 Spans,	Lengths(r	n): 15.2-16.8-	16.8, A	-Ident I	Number:)						
Special Features											
Special Feature				X							
(Type:)											
Special Feature				X							
(Type:)											
Wearing Surface/Deck Top De	tail Ratings	3									
N (%)	(%)	2 (%)	3 (%)								
Last 0	0	0		2							
Now 0.0	0.0	0.0	2	2.0							
Wearing Surface			3 3		Longitudinal crack @ NBL. Construction joint in Sp.3 corresponds to						
(Material Type : CONCRETE	Ξ)				girder cracking.						
(Thickness(mm) : 50)	,										
Lateral Connection Problem (Y/N)	Yes										
Deck Top			N	N							
Deck Rideability			5	4	Bumps at joints.						
Deck Joints			3	3	Defective koch joints are now concrete & tar sealed @ NBL - koch						
Temperature (deg. C)	12				joints @ SBL.						
(Expansion Type :)					Cracks in Koch joints @ Pier and spalling in concrete paving lips.						
(Fixed Type : THERMOPLAS	STIC POLY	(MER)									
Gap Size (mm)		ocation			Settlement and bump at both abut joints.						
Deck Drainage			3	3	There are no drains installed. Drainage between girders is causing spalling of caps and girder cracking.						
Drains Clogged (Y/N)					spanning or caps and girder cracking.						
Curbs/Median			4	4	Sp.1 East curb has minor spall at lift hook.						
(Curb Type : Standard)											
Scaling (Percent Area)	0										
Bridge Rail			7	7	4 A/B nuts not fully engaged at East rail and one at West rail.						
(Type : GALVANIZED STEE	L BRIDGE	TUBE)									
Bridge Rail Posts (Type : GALVANIZED POST	STEEL;G	ALVANIZED	4 POST	4							
ŠŤĖEL)											
Bridge Rail/Posts Coating			5	5							
(Type : GALVANIZED)			\ \\	V							
Sidewalk			X	X							
Girder Detail Ratings											
	(count)	2 (count)	3 (count)		Wide longitudinal cracks with corrosion stains at Sp.2- G13, and S						
Last 0	0	3		4	- G7, G8, G9.						
Now 0	0	3		4							
Girders			2	2	Some leakage between girders - stains.						
	\ <u>\</u>				Surface spalls @ bottom at Sp.2 -G4,G6 and Sp.3 -G11.						
Cracking (Y/N)	Yes										
Cracking (Y/N) Spalling (Percent Area)	Yes 2										

			Supers	tructure
Bridge Component			Now	Explanation of Condition
(Primary Span : PM, 3 Spans, I	Lengths(m): 15.2-16.	.8-16.8, A	-Ident	
Diaphragms/Cross Frame		Х	X	
Bearings		7	7	
Temperature (deg. C)	12			
(Expansion Type : NEOPREN	IE STRIP BEARING)	·		
(Fixed Type : NEOPRENE S 7	RIP BEARING)			
Coating Adequate (Y/N)	Yes			
Functioning (Y/N)	Yes			
Deck Underside		5	5	Light scaling Sp.1 - G12, G13.
Stains (Percent Area)	1			3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Span Alignment Problems				
Vertical (Y/N)	No			
Horizontal (Y/N)	No			
Superstructure General Ratin		2	2	
			Cubat	
Bridge Component		Last	Now	ructure Explanation of Condition
Abutments		Last	INOW	Explanation of Condition
Bearing Seats/Caps		4	4	Spalling at East end of both abut caps not affecting bearing yet.
(Type : CONCRETE)		'	<u> </u>	opaning at East one of Both abut cape not allocating boaring you.
Backwalls/Breastwalls		X	Х	
Buckwaiis/Breastwaiis				
Wingwalls			7	
Piles			N	Buried.
Paint/Coating		5	5	Tar coating with heavy staining.
Abutment Stability		8	8	
Scour/Erosion		X	Х	
Piers/Bents				
(Type : PIER-COLUMN)				Horizontal spall cracks at both piers with corrosion.
Bearing Seats/Caps		3	4	
(Type : CONCRETE)				
(Total Number of Bearing Piles	: 4:4)			
Pier Shaft/Piles	,	6	6	
Bracing/Struts/Sheathing			Х	
Nose Plate	Nose Plate			
Paint/Coating			3	Peeling - worst @ Pier 2.
(Colour Description :)				Patched & coated with cap seal.
(Colour Code :)				
Pier Stability		8	8	
Scour		X	Х	
Debris (Y/N)	No			
Substructure General Rating		3	4	

		e Usage		
	La	ast	Now	Explanation of Condition
Grade Separation				
Road Alignment		Χ	Х	Railroad.
Traffic Safety Features		Χ	Х	
Туре				
Slope Protection		8	8	
(Type : CONCRETE; CONCRE	TE)			
Bank Stability		8	8	
Drainage		8	8	
Grade Separation General Rating 8 8				

			Maintenance Re	commend	ations						
Inspector Recommendations	Year	r Inspec	ctor Comments		Department Co	mmen	Target Year	Est. Cost	Cat #		
REPAIR/REPLACE BRIDGE RAIL											
GALVANIZE/PAINT BRIDGE RAIL											
SEAL CURBS											
PATCH DECK	2012	2 A1 and	d A2 joints.								
SEAL DECK			·								
OVERLAY DECK											
REPAIR/REPLACE DECK JOINTS		2 Replac	ce HPC concrete overlay joints	S.							
RESET/ PAINT BEARINGS											
WASHING											
SHOTCRETE REPAIRS											
REPAIR ABUTMENT SCOUR/EROS	ION										
PLACE ADDITIONAL RIP RAP											
REMOVE DRIFT ACCUMULATION											
OTHER ACTION	2015	Repair vecout	r abut and pier cap spalls appr t abuts and piers.	ox 3m2-							
OTHER ACTION	2012	2 Investi 10lin.M girders	gate and repair corrosion crac If and approx 0.5 m2 shallow s	ks approx palls at 8							
OTHER ACTION											
OTHER ACTION											
Structural Condition Rating (Last/N (%)	low) 27.8	/33.3	Sufficiency Rating (Last/l	Now)	15.5/46.6	Est	t. Repl. Yr	2020	Maint. Re	qd. (Y/N)	Yes
Special 2 Notification sent Comments for Next Inspection	to AT October	^r 11,2010- a	and again June 13,2012.		Department Comments				,		
Maintenance Reviewed By					Date				Estimated Tota	1 0	
Proposed Long-Term Strategy											
On 3-Year Program (Y/N)											
Proposed Action											
Previous Inspector's Name Garr		rts		Previous /	evious Assistant's Name Jason Rusu						
Next Inspection Date	13-Mar-201	4		Previous I	Inspection Date 11-Oct-2010						
Inspection Cycle (Default) (months)	21				,						
Comment											

Bridge Inspection & Maintenance System (Web 2005)