Ontario Structure Inspection Manual - Inspection Fo	Ontario	Structure	Inspection	Manual -	Inspection	Form
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Inventory Data:		
Structure Name	B101	
Main Hwy/Road #	Pratt Siding Road On Under	X Crossing Navig. Water Non-Navig. X Ped. Type: Rail Road Other
Stucture Location	Intersection of Carolinian Road and P	ratt Siding Road Lot 8&9 Con. 8
Latitude	4736274.9	Longitude 432005.6
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: X Cons/not App. List/n.d. Designantion Desig./not list Desig & List
MTO region	South-Western	Road Class: Freeway Arterial Collector Local X
MTO District	2	Posted Speed No. of Lanes 2
Old County	Middlesex	AADT % Trucks
Geographic Twp.	Mosa	Insepction Route Sequence
Structure Type	Rigid Frame - Concrete	Interchange Number
Total Deck Length	14 m	Interchange Structure Number
Overall Str. Width	10.04 m	Min. Vertical Clearance m
Total Deck Area	140.56 sq. m	Special Transit Truck Routes: School Bicycle x
Roadway Width	7.4 m	Detour Length Around Bridge km
Skew Angle	20 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0 m
Span Lengths		11.3 m
Historical Data:		
Year Built	1966	Last Evaluation
Last Biennial Inspection	n 2021	Current Load Limit tonnes
Last Bridge Master Ins	pection	Load Limit By-Law#
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspe	ction	
Rehab History: (Date /	Description)	

Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:				*************************************
Weather:	sunny			
Temperature:	20 degrees celsius	, <u>, , , , , , , , , , , , , , , , , , </u>		
Additional Investiga	tions Required:		Priority	
		None	Normal	Urgent
Detailed Deck Condit	ion Survey:	x		
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	x		
Substructure Condition	on Survey:	х		
Detailed Coating Con	dition Survey:	x		
Underwater Investiga	tion:	x		
Fatigue Investigation:		x		
Seismic Investigation	:	x		
Structure Evaluation		x		
Monitoring of Deform	ations, Settlements and Movements	х		
Special Notes:				
Next Detailed Visual	Inspection:	Oct. 2025		

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Element Group:	Decks		Length:	14		-	
Element Name:	Deck Top		Width:	10.04		· · · · · · · · · · · · · · · · · · ·	
The state of the s	Deck Top		Height:	10.04			
Location:	Coot in Diago Consults						
Material:	Cast in Place Concrete		Count:	1			
Element Type:	Concrete Deck		Total Quantity:				
Enviroment:			Not Inspected:			I B. (N A ! t
Protection System:			T			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all				
Comments: Recommended Work:	None: Urgent:	X	1 - 5 years		<1 year		
r							
Element Group:	Decks		Length:	14	<u> </u>		
Element Name:	Wearing Surfaces		Width:	7.4			
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Enviroment:	Severe		Not Inspected:	X		4	
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all						
Comments:	_						
No wearing	surface present, exposed	concrete d	eck				
Recommended Work:	None: [Urgent: [X	1 - 5 years [<1 year		
Element Group:	Decks		Length:	14			
Element Name:	Soffit		Width:	10.04			
Location:			Height:				
Material:	Concrete		Count:				
Element Type:	Cast in Place	····	Total Quantity:	1			
Enviroment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all				
Comments: Recommended Work:	None: Urgent:	X] 1 - 5 years [<1 year		

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Element Group:	Barriers		Length:	26.5			
	Barrier Wall		Width:	0.2			
Location:			Height:	1.07			
Material:	Concrete		Count:				****
Element Type:	Cast in place posts and ra	ails	Total Quantity:	2			
Enviroment:	Severe		Not Inspected:				
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all			1	
Comments:							
Recommended Work:	None: Urgent:	X	1 - 5 years		<1 year		
Element Group:	I A bustoness at a		1				
Element Name:	Abutments		Length:	10.01			
Location:	Abutment Walls		Width:	10.04			
Material:	Cook in Place Consults		Height:				
	Cast in Place Concrete		Count:				
Element Type: Enviroment:	Di		Total Quantity:	2	·····		
	Benign		Not Inspected:			T	
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data: Comments:	sq. m / m / each / % / all		all				
Recommended Work:	None: [Urgent: [X	1 - 5 years		<1 year		
Element Group:	Abutments	***************************************	Length:			West of the second seco	
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:	Cast in Place Concrete		Count:				
Element Type:			Total Quantity:	4			
Enviroment:	Benign		Not Inspected:	***************************************			
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		all				
Comments: Recommended Work:	None: [Urgent: [X	1 - 5 years [<1 year		

Element Data							
Element Group:	Embankments & Streams		Length:				
Element Name:	Embankments		Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:	2			
Enviroment:			Not Inspected:	<u>4</u>			
Protection System:			inot inspected.			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
§		LAC.	all	I all	1 001	Deliciencies	140003
Data:	sq. m / m / each / % / all		l all				
Comments: Recommended Work:	None: [Urgent:	Х	1 - 5 years [<1 year		
	Orgenic. L						
Element Group:	Embankments & Streams		Length:				
Element Name:	Streams	l	Width:				
Location:	Streams		Height:				
			Count:				
Material:							
Element Type:		·····	Total Quantity:				
Enviroment:			Not Inspected:			·	
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all				
Comments: Recommended Work:	None: [Urgent: [X	1 - 5 years [<1 year		
Element Group:	Signs		Length:				
Element Name:	Signs		Width:				
Location:	Bridge End Markers		Height:				
Material:	7		Count:				
Element Type:			Total Quantity:	4			
Enviroment:			Not Inspected:			····	
Protection System:			11101 1110 001001			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	LAU.	all	ı un	1 001	5.10.0110.03	110000
	34. 111 / 111 / Cacil / /0 / all		ı aii			<u></u>	
Comments: Recommended Work:	None: Urgent:	Х] 1 - 5 years [<1 year		

MTO Site Number 19-389

Element Data							
Element Group:	Drainage Systems		Length:				P
Element Name:	Deck Drains	/*************************************	Width:				
Location:			Height:				
Material:	Steel		Count:				
Element Type:			Total Quantity:	4			
Enviroment:	severe		Not Inspected:				
Protection System:	none		<u> </u>			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all				all	-	
Comments:				1			
	rusted, not functioning and	need to be	relined.				
Recommended Work:	None:		1 - 5 years		-1 veer	· · ·	
Recommended Horn	ļ	<u> </u>	1 - 5 years		<1 year	Х	
	Urgent:]				
							<u></u>
Element Group:	Guiderails		Length:	1			
Element Name:	Odidorano		Width:				
Location:			Height:	 			
Material:			Count:				
Element Type:			Total Quantity:			***************************************	
Enviroment:			Not Inspected:				
Protection System:			INOLINSPECIEU.	<u> </u>	***************************************	Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Репогт. Deficiencies	Needs
Data:	sq. m / m / each / % / all	EAU.	9000	Fall		-	Neeus
	Sq. m/m/eacm//oram				all		
Comments:							
Install end t	reatments						
De la company de d'Monky	м Г		1		*		
Recommended Work:	None:		1 - 5 years	×	<1 year		
	Urgent:]				
							
	T		T				
Element Group:			Length:		····		
Element Name:			Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				*****
Enviroment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all						·
Comments:							
	-						
Recommended Work:	None:] 1 - 5 years [<1 year		
	Urgent:		-		•		
i	_		*				



Road Section - South View



Bridge Elevation - East Side



Underside of Bridge



View of Deck Drains



Bridge Elevation - West Side

Repair Rehab	epair Rehabilation Required					
Element	Repair and Rehabilitation	on Required	1 to 5	Within	Urgent	Estimated Construction
Deck Drains	Reline with P.V.C.		years x	1 year		10000
					Total Cost	\$10,000
Associated Wo	ork		Comments			Estimated
						Cost
Approaches		Install End Treatments Low Volume. Check wit	- 3 corners,	Not N.E.		45000
Detours		200 Volanio. Onock Wil	птода одр	CHITCHGCH		
Traffic Control						
Utilities						
Right of Way						
Enviromental st	tudy		William			***************************************
Other						
Contigencies						
					Total Cost	\$45,000
Justification						

Ontario Structure Inspection Manual - Inspection Form

MTO Site Number

Inventory Data:		
Structure Name	B102	
Main Hwy/Road #	Conservation Road On X	Crossing Navig. Water Non-Navig. X Ped. Type: Rail Road Other
Stucture Location	1.0km North of Lobelia Drive Lot 1 C	Con.11
Latitude	474562	Longitude 432801.7
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: x Cons/not App. List/n.d. Designantion Desig./not list Desig & List
MTO region	South-Western	Road Class: Freeway Arterial Collector Local X
MTO District	2	Posted Speed No. of Lanes 2
Old County	Middlesex	AADT % Trucks
Geographic Twp.	Mosa	Insepction Route Sequence
Structure Type	Rigid Frame - Concrete	Interchange Number
Total Deck Length	18.6 m	Interchange Structure Number
Overall Str. Width	9.72 m	Min. Vertical Clearance m
Total Deck Area	180.792 sq. m	Special Transit Truck Routes: School Bicycle x
Roadway Width	8 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0m
Span Lengths		15.4 m
Historical Data:		
Year Built	1976	Last Evaluation
Last Biennial Inspection	n 2021	Current Load Limittonnes
Last Bridge Master Insp	pection	Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspec		
Rehab History: (Date /	Description)	
Deck top a	nd curbs rehabilitated in 2022 / 2023	

Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:			<u>+</u>	
Weather:	sunny			
Temperature:	20 degrees celsius			
Additional Investiga	tions Required:		Priority	
		None	Normal	Urgent
Detailed Deck Condit	ion Survey:	х		
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	×		
Substructure Condition	n Survey:	×		
Detailed Coating Con	dition Survey:	×		
Underwater Investiga	tion:	×		
Fatigue Investigation:		x		
Seismic Investigation		X		
Structure Evaluation	Police and all the second seco	x	~~~	
Monitoring of Deforma	ations, Settlements and Movements	x		
Special Notes:				
Next Detailed Visual I				

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,	·		т			······	
Element Group:	Decks		Length:	18.6			
Element Name:	Deck Top		Width:	9.72			
Location:			Height:				
Material:	Cast in Place Concrete		Count:	1	· · ·		
Element Type:	Concrete Deck		Total Quantity:				
Enviroment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all	all					
Comments: Recommended Work:	None:		1 - 5 years [<1 year		
	Urgent:						
Element Group:	Decks		Length:	18.6			
Element Name:	Wearing Surfaces		Width:	8			
Location:	VVCaring Garraces		Height:		•		
Material:			Count:				
Element Type:			Total Quantity:				
	Severe		Not Inspected:	X			
Environment:			Not inspected.]	^		Perform.	Maint.
Protection System:	none		Cood	Fair	Poor	Deficiencies	Needs
Condition	Units	Exc.	Good	Fair	FUUI	Deliciencies	INCCUS
Data: Comments:	sq. m / m / each / % / all						
Recommended Work:	None: Urgent:		1 - 5 years [<1 year		
Element Group:	Decks		Length:	16.5			
Element Name:	Soffit		Width:	9.72			
Location:			Height:				
Material:	Concrete		Count:				
Element Type:	Cast in Place		Total Quantity:	1			
Enviroment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all	all					
Comments: Recommended Work:	None: [Urgent:	X	1 - 5 years [<1 year		

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Element Group:	Barriers	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Length:	26			
	Barrier Wall		Width:	0.2			
Location:			Height:	1.07			
Material:	Concrete	***	Count:	1.0.			
Element Type:	Parapet wall with two rails	<u></u>	Total Quantity:	2			
Enviroment:	Severe	***************************************	Not Inspected:			***************************************	
Protection System:	none		INOU mapedica.	<u> </u>		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sg. m/m/each/%/all	EAU.	all	Fall	P001	Deliciencies	Neeus
Comments:	Sq. III / III / Eacil / 70 / aii		dii	<u> </u>		<u>L</u>	
Recommended Work:	None: [Urgent: [X] 1 - 5 years [<1 year		
Element Group:	Abutments		Length:				
Element Name:	Abutment Walls		Width:	9.72			
Location:			Height:				
Material:	Cast in Place Concrete		Count:				
Element Type:			Total Quantity:	2			
Enviroment:	Benign		Not Inspected:	l		***************************************	
Protection System:	none	710000000000000000000000000000000000000	1			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		remaining		15%		110000
Comments:			10		10,0		****
	e present on northwest corr None: Urgent:	ner X] 1 - 5 years [<1 year		
F	T		T				
	Abutments		Length:		•		
Element Name:	Wingwalls		Width:		w <u>w</u>		
Location:			Height:	,		*****	***************************************
Material:	Cast in Place Concrete		Count:	····			
Element Type:			Total Quantity:	4			
Enviroment:	Benign		Not Inspected:				
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all	all					
Comments: Recommended Work:	None: Urgent:	X	1 - 5 years [<1 year		

Element Group: Embankments & Streams Length: Element Name: Streams Width: Location: Height: Material: Element Type: Total Quantity: Environment: Not Inspected: Perform. Maint. Condition Data: Sq. m / m / each / % / all	Element Data							
Location: Height:	Element Group:	Embankments & Streams	S	Length:				
Material: Count: Element Type: Total Quantity: 2	Element Name:	Embankments		Width:				
Element Type:	Location:			Height:				
Environent:	Material:			Count:				
Not Inspected: Perform. Maint. Protection System: Perform. Condition Units Exc. Good Fair Poor Deficiencies Needs Deficiencies Needs Perform. Maint. Needs Perform. Maint. Needs Perform. Perform. Needs Perform. Perform. Perform. Needs Perform. Needs Perform.	Element Type:			Total Quantity:	2			
Protection System:				Not Inspected:				
Condition	Protection System:		W		*		Perform.	Maint.
Recommended Work: None: x	Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Recommended Work: None: x	Data:	sg, m/m/each/%/all		all		·····		
Recommended Work: None: x	Comments:		<u> </u>				<u></u>	***************************************
Element Group: Embankments & Streams Length: Element Name: Streams Width: Location: Height: Material: Count: Element Type: Total Quantity: Environment: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs Data: sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years 41 year 1 Element Group: Signs Length: Length: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Environment: Protection System: Count: All all Count: Co								
Element Group: Embankments & Streams Length: Element Name: Streams Width: Location: Height: Material: Count: Element Type: Total Quantity: Environment: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs Data: sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years 41 year 1 Element Group: Signs Length: Length: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Environment: Protection System: Count: Count: All all Count: Co								
Element Group: Embankments & Streams Length:	Recommended Work:	None:	х	1 - 5 years		<1 year		
Element Group: Embankments & Streams Length:		Urgent:		1 '		•	· · · · · · · · · · · · · · · · · · ·	
Element Name: Streams Width:								
Element Name: Streams Width:								
Element Name: Streams Width:			·					
Element Name: Streams Width:		.						
Deficiencies Height: Count: Element Type: Total Quantity: Environment: Not Inspected: Perform. Maint. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs Data: Sq. m / m / each / % / all			S					
Material: Count:		Streams	**********					
Element Type: Environment: Protection System: Condition Data: Sq. m / m / each / % / all Element Group: Element Ame: Location: Bridge End Markers Material: Element Type: Element Typ								
Enviroment:								
Perform Maint Condition Units Exc. Good Fair Poor Deficiencies Needs								
Condition Units Exc. Good Fair Poor Deficiencies Needs Data: sq. m / m / each / % / all all comments: Recommended Work: None: x Urgent:				Not Inspected:			***************************************	
Data: sq. m / m / each / % / all all	Protection System:							
Recommended Work: None: x	Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Recommended Work: Urgent:	Data:	sq. m/m/each/%/all		all				
Element Group: Signs Length: Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs Data: Sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years <1 year	Comments:							
Element Group: Signs Length: Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years < 1 year								
Element Group: Signs Length: Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years < 1 year								
Element Group: Signs Length: Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs sq. m / m / each / % / all all Comments: Recommended Work: None: x 1 - 5 years < 1 year	Recommended Work:	None:	х	1 - 5 years		<1 year		
Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Units Exc. Good Fair Poor Deficiencies Needs Comments: Recommended Work: None: X 1 - 5 years <1 year		Urgent:			1		<u> </u>	
Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Units Exc. Good Fair Poor Deficiencies Needs Comments: Recommended Work: None: X 1 - 5 years <1 year		· ·		-				
Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Units Exc. Good Fair Poor Deficiencies Needs Comments: Recommended Work: None: X 1 - 5 years <1 year								
Element Name: Signs Width: Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Units Exc. Good Fair Poor Deficiencies Needs Comments: None: X 1 - 5 years <1 year								****
Location: Bridge End Markers Height: Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Units Exc. Good Fair Poor Deficiencies Needs Comments: Recommended Work: None: x 1 - 5 years <1 year	Element Group:	Signs					~~~~	
Material: Count: Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Data: Sq. m / m / each / % / all all Deficiencies Needs Comments: None: X 1 - 5 years <1 year	Element Name:							
Element Type: Total Quantity: 4 Enviroment: Not Inspected: Protection System: Perform. Maint.	Location:	Bridge End Markers		Height:				
Enviroment: Not Inspected: Protection System: Perform. Maint. Condition Units Exc. Good Fair Poor Deficiencies Needs sq. m / m / each / % / all all Comments: Recommended Work: None: x 1 - 5 years < 1 year	Material:							
Protection System: Condition Data: Sq. m / m / each / % / all all Comments: Recommended Work: None: X 1 - 5 years Perform. Maint. Perform. Maint. Perform. Maint. Needs Needs Needs	Element Type:			Total Quantity:	4			
Condition Units Exc. Good Fair Poor Deficiencies Needs Data: sq. m / m / each / % / all all Comments: Recommended Work: None: x 1 - 5 years <1 year	Enviroment:			Not Inspected:				
Data: sq. m / m / each / % / all all Comments: Recommended Work: None: x 1 - 5 years <1 year	Protection System:						Perform.	Maint.
Comments: Recommended Work: None: x 1 - 5 years <1 year				Good	Fair	Poor	Deficiencies	Needs
Recommended Work: None: x 1 - 5 years <1 year	Data:	sq. m / m / each / % / all	all					
Recommended Work: None: x 1 - 5 years <1 year	Comments:	·			an - mlawe			
	Recommended Work:	None:	Х	1 - 5 years		<1 year		
		Urgent:]				

Condition

Data:

Recommended Work:

Comments:

Units

sq. m / m / each / % / all

None:

Urgent:

Exc.

Good

1 - 5 years

Fair

Poor

<1 year

MTO Site Number

Deficiencies

Needs

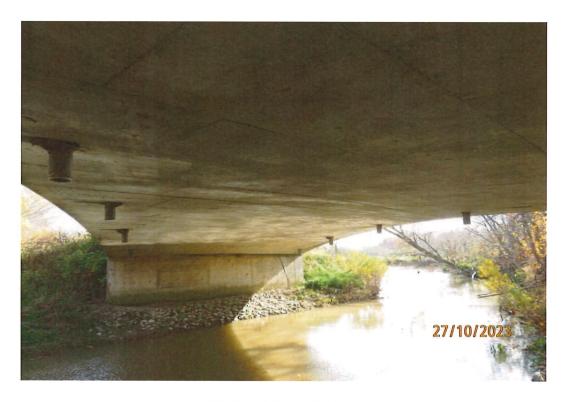
Element Data							
Element Group:	Drainage Systems		Length:				
Element Name:	Deck Drains		Width:				
Location:			Height:				
Material:	Steel	777111111111111111111111111111111111111	Count:			- 7/4100	**************************************
Element Type:			Total Quantity:	10			
Enviroment:	severe		Not Inspected:				
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all	all				1	
Comments:	<u> </u>					.1	
Some deck	drains need to be cleared		1 4 5		44		
Recommended Work.	Urgent:	X	1 - 5 years		<1 year		
	Orgent. [WOMNSS of mileton state in a consequen			e (Alexandro) de la Colombia de Colombia d
Element Group:	Guiderails		Length:		****		
Element Name:		***************************************	Width:				***************************************
Location:			Height:				
Material:	Steel Flex Beam		Count:		*		******
Element Type:			Total Quantity:				
Enviroment:			Not Inspected:	***************************************			
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all				all	-i	,,,,,,,,
Comments:	104	***************************************	I	<u> </u>			
	onnection to bridge and as	well as gui	iderail is substand		<1 year		
	Urgent:		1 0,00,0		11 your	L	
	organi. [J			V V P NAMED COMO AND	
Element Group:		7.7.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Length:				
Element Name:		· · · · · · · · · · · · · · · · · · ·	Width:				
Location:	***************************************		Height:		¥4		
Material:		***************************************	Count:			***************************************	
Element Type:			Total Quantity:				
Enviroment:			Not Inspected:				
Protection System:				I		Perform.	Maint.
0	11.1						mann.



Road Section - North View



Bridge Elevation - West View



Underside of Bridge



Bridge Elevation - East View



View of Repaired Deck and Curb



Alternate View of Repaired Deck and Curb



Effloresence on Northwest Corner

Municipal Structure Inspection Manual - Inspection For	Municipal	Structure I	Inspection	Manual -	Inspection	Form
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MTO Site Number 19-385

Repair Rehabilation	Required			Priority		
	pair and Rehabilitation	on Required	1 to 5	Within	Urgent	Estimated Construction
			years	1 year		Cost
				····	Total Cost	\$0
Associated Work			Comments			Estimated
Approaches		Up-Grade End Treatmer	Cost 15000			
		op-Grade Life Treatmen	ns - by addii	ng 4 eccenti	ic loaders	13000
Detours						
Traffic Control						
Utilities						
			<u></u>			
Right of Way						
Enviromental study						
Other	:					
- CONTRACTOR - CON						
					Total Cost	\$15,000
Justification					Total Cost	\$15,000
Justification					Total Cost	\$15,000
Justification					Total Cost	\$15,000
Justification					Total Cost	\$15,000
Justification					Total Cost	\$15,000
Justification					Total Cost	\$15,000

Ontario Structure	Inspection	Manual -	Inspection	Form

MTO	Cito	Number	
MIO	Site	Number	

Inventory Data:		
Structure Name	B208	
Main Hwy/Road #	Gentleman Drive On X	Crossing Navig. Water Non-Navig. x Ped. Type: Rail Road Other
Structure Location	0.6km West of Melbourne Road Lot 2	Range 3-4 South
Latitude	457287.5	Longitude 4737290.3
Owners	Municpality of Southwest Middlesex	Heritage Not Consid: x Cons/not App. List/n.d. Designation Desig./not list Desig & List
MTO region	South-Western	Road Class: Freeway Arterial Collector X Local
MTO District	2	Posted Speed No. of Lanes 2
Old County	Middlesex	AADT % Trucks
Geographic Twp.	Ekfrid	Inspection Route Sequence
Structure Type	Concrete Slabs	Interchange Number
Total Deck Length	7.3 m	Interchange Structure Number
Overall Str. Width	8.4 m	Min. Vertical Clearance m
Total Deck Area	61.32 sq. m	Special Transit Truck Routes: School Bicycle x
Roadway Width	6 m	Detour Length Around Bridge km
Skew Angle	30 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.4 m
Span Lengths		5.4 m
Historical Data:		
Year Built	1950	Last Evaluation
Last Biennial Inspection		Current Load Limit tonnes
Last Bridge Master Insp	pection	Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspe	ction	
Rehab History: (Date /	Description)	And the second s

MTO	Sita	Number	n
	Site	number	Įυ

Ontario Structure In	ntario Structure Inspection Manual - Inspection Form MTO Site Number			
Field Inspection Info	ormation:			
Date of Inspection:	October. 23, 2023			
Inspector:	K. Dagenais		<u> </u>	
Others in Party:				
Equipment Used:				
Weather:	sunny			
Temperature:	12 degree celsius			
Additional Investiga	tions Paguirod:		Driority	
Additional myestiga	uons Requireu.	None	Priority Normal	Urgent
Detailed Deck Condit	ion Survey:	X	1 toma:	Jorgon
Non-Destructive Dela	amination Survey of Asphalt-Covered Deck:	x		
Substructure Condition	on Survey:	х	<u> </u>	
Detailed Coating Con	dition SUrvey:	x		
Underwater Investiga	tion:	×		
Fatigue Investigation:		x		
Seismic Investigation	:	х		
Structure Evaluation		×		

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		l		
		ł		
Special Notes:			· · · · · · · · · · · · · · · · · · ·	
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Monitoring of Deformations, Settlements and Movements

Next Detailed Visual Inspection: Oct. 2025

Ontario	Structure	Inspection	Manual -	Inspection	Form
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мто	Site	Number	ō

Element Group: Beams - Longitudinal Elements Length: 5.4 Element Name: Girders Width: Location: Height: Material: Concrete Count: 1 Element Type: Cast in Palce slabs Total Quantity: Environment: benign Not Inspected: Protection System: none Perform. Condition Data: Sq. m / m / each / % / all all Comments: Pose Length: 7.3 Element Group: Decks Length: 7.3 Element Group: Decks Length: 7.3 Element Name: Decks Top Width: 8.4 Location: Height: Material: Concrete Count: 1 Element Type: Cast in Place Total Quantity: Perform. Not Inspected: X Protection System: Perform. Condition Units Exc. Good Fair Poor Deficiencies Outs Inspected: X Perform. Condition Units Exc. Good Fair Poor Deficiencies Outs Inspected: X Protection System: Perform. Condition Units Exc. Good Fair Poor Deficiencies Outs Inspected: X Comments: Concrete deck is covered in gravel, some could be removed	Maint. Needs							
Location: Height: Material: Concrete Count: 1								
Material:								
Element Type: Cast in Palce slabs Total Quantity: Environment: benign Not Inspected: Protection System: none Perform. Condition Units Exc. Good Fair Poor Deficiencies sq. m / m / each / % / all all Sq. m / m / each / % / all all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Sq. m / m / each / % / all Comments: Comments: Comments: Concrete deck is covered in gravel, some could be removed								
Environment:								
Protection System: none Condition Data: sq. m / m / each / % / all all all all all all all all all a								
Comments: Recommended Work: None: Urgent: Vear Vear								
Data: sq. m / m / each / % / all all Comments: Recommended Work: None: x 1 - 5 years]							
Recommended Work:]							
None:]							
Element Name: Decks Top Width: 8.4								
Element Name: Decks Top Width: 8.4								
Location: Height: Material: Concrete Count: 1 Element Type: Cast in Place Total Quantity: Environment: Not Inspected: x Protection System: Perform. Condition Data: Units Exc. Good Fair Poor Deficiencies Data: sq. m / m / each / % / all Concrete deck is covered in gravel, some could be removed								
Material: Concrete Count: 1 Element Type: Cast in Place Total Quantity: Environment: Not Inspected: x Protection System: Perform. Condition Data: Units Exc. Good Fair Poor Deficiencies Data: sq. m / m / each / % / all Concrete deck is covered in gravel, some could be removed Deficiencies								
Element Type: Cast in Place Total Quantity: Environment: Not Inspected: X Protection System: Perform. Condition Units Exc. Good Fair Poor Deficiencies Data: sq. m / m / each / % / all Deficiencies Comments: Concrete deck is covered in gravel, some could be removed								
Environment: Protection System: Condition Data: Sq. m / m / each / % / all Comments: Concrete deck is covered in gravel, some could be removed								
Protection System: Condition Data: Sq. m / m / each / % / all Comments: Concrete deck is covered in gravel, some could be removed								
Condition Units Exc. Good Fair Poor Deficiencies Data: sq. m / m / each / % / all Comments: Concrete deck is covered in gravel, some could be removed	Maint.							
Data: sq. m / m / each / % / all Comments: Concrete deck is covered in gravel, some could be removed								
Comments: Concrete deck is covered in gravel, some could be removed	110000							
Concrete deck is covered in gravel, some could be removed								
Recommended Work: None: 1 - 5 years <1 year Urgent:]							
Element Group: Decks Length: 7.3	I							
Element Name: Soffit Width: 8.4								
Location: Height:								
Material: Concrete Count:								
Element Type: Cast in Place Total Quantity:								
Environment: Severe Not Inspected:								
Protection System: none Perform.	Maint.							
Condition Units Exc. Good Fair Poor Deficiencies	Needs							
Data: sq. m / m / each / % / all all								
Concrete deterioration is present	Comments: Concrete deterioration is present							
Recommended Work: None: x 1 - 5 years < 1 year Urgent: Repair concrete	<u> </u>							

Ontario Structure	Inspection	Manual - II	nspection Form
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ᇊ	lamani	f Data

Element Group:	Barriers		Length:	15.9	7.0		
Element Name:	Barrier Wall		Width:				
Location:			Height:				
Material:	Concrete		Count:	2			***************************************
Element Type:	Cast in place		Total Quantity:				
Environment:	Severe		Not Inspected:				
Protection System:	none	***************************************				Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all			all	***************************************	1	
Comments:							
Should be	Should be updated, some effloresence on south barrier						
Recommended Work:	None:] 1 - 5 years	x	<1 year		
	Urgent:		' '		, ,		
Upgrade in	conjunction with repairs		1				
	oon,anonon man ropano						
I		·····					
Element Group:	Joints		Length:	8.4			
Element Name:	Expansion Joints		Width:				
Location:			Height:				
Material:	Steel		Count:	2			
Element Type:			Total Quantity:				
Environment:	Severe		Not Inspected:	X	·····		
Protection System:			[oropootous]	· · · · · · · · · · · · · · · · · · ·		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		3000		1 001	Denoiendes	Nocus
Comments:	[-q , o. , o. , o. , o. , o. ,		1	L_	***************************************		
	ers deck, may not be prese	ant					
Olavel cove	ers deck, may not be prese	CIII					
Recommended Work:	None:		1 - 5 years		<1 wash		
recommended Work.	<u> </u>		i - 5 years [<1 year		
	Urgent:						
		***************************************					********
Element Group:	Bearings		Longth				
Element Name:	Bearing Pad		Length:				
Location:	bearing Fau	***************************************	Width:		***************************************		
Material:			Height:				
Element Type:			Count:				
	D		Total Quantity:		***************************************		
Environment:	Benign		Not Inspected:	X			
Protection System:	none					Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		<u> </u>				
Comments:							
Not visible							
	_	***************************************					
Recommended Work:	None:		1 - 5 years [<1 year		
	Urgent:						
	_						

Ontario Structure Inspection Manual - Inspection For	Ontario Str	ucture Insi	pection Man	iual - Insp	ection Forn
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MTO Site	Number	0

Element Group:	Abutments		Length:				
Element Name:	Abutment Walls		Width:				
Location:			Height:				
Material:	Cast in Place Concrete		Count:	2			
Element Type:			Total Quantity:				
Environment:	Benign		Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all			all		Ì	
Comments:							
Corner of beam seat chiped, has caused effloresence over last 30 years and subsequent deterioration.							
Recommended Work:	None:		1 - 5 years	x	<1 year		
	Urgent:		_		•		
Repair concrete.							
Element Group:	Abutments		Length:				
Element Name:	Wingwalls		Width:				
Location:	T T T T T T T T T T T T T T T T T T T		Height:				
Material:	Concrete		Count:				
Element Type:	Cast in Place		Total Quantity:				
Environment:	Benign		Not Inspected:				
Protection System:	Defingit		[140t mopeoted.]			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	LAG.	0000	remaining	8	1	110000
Comments:	sq. III7 III7 eacii 7 70 7 aii			remaining		I	
Concrete deterioration is present							
Recommended Work:	None:		1 - 5 years	x	<1 year		
Urgent: Repair concrete deterioration							
Element Group:	Embankments & Stream		Length:				
Element Name:	Embankments	0	Width:				
Location:	LIIIVAIIKIIIEIIIS		Height:				
Material:			Count:	2			
			Total Quantity:				
Element Type:			Not Inspected:				
Environment: Protection System:			[Not mapedied.]			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	LAC.	3000	all	1 001	Denoichdea	Necus
	sq. m/m/each/ %/an		L	alij			
Comments: Recommended Work:	None: Urgent:	Х	1 - 5 years [<1 year		

Ontario Structure	Inspection	Manual - In:	spection Form
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MTO Site Number	
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Element Group:	Embankments & Stream	s	Length:				·
Element Name:	Stream		Width:			***************************************	***************************************
Location:			Height:				
Material:		T-1111/100-000	Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:			······································	
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		all		1 00.	Sendiendies	110000
Comments:	1-4					1	
Recommended Work:	None: Urgent:	X] 1 - 5 years [<1 year		
Element Group:	Guiderails		Length:			W.L	
Element Name:			Width:	·····			
Location:			Height:	·····	***************************************		
Material:		·	Count:				
Element Type:			Total Quantity:	None			
Environment:			Not Inspected:	- White-			
Protection System:		***************************************				Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all				all	Ī	
Comments:						***************************************	
None prese	≀nt						
Recommended Work:	None: F		1 4 5				
Install end t	None: Urgent: reatments		1 - 5 years [X	<1 year		
Element Group:	Drainage Systems		Length:				
Element Name:	Deck Drains		Width:		NT		
Location:	Deck Diana	····	Height:				
Material:			Count:				
Element Type:			Total Quantity:	4	****		
Environment:			Not Inspected:		particular and a second		
Protection System:	-AMAINTE WALL		[Not inspected.]			I Davida van	8.6 - 1 - 1
Condition	Units	Exc.	Good	Fair	D	Perform.	Maint.
	sq. m / m / each / % / all	EXC.	G000		Poor	Deficiencies	Needs
Comments:	sq. III / III / each / % / all		<u> </u>	all			
Recommended Work:	None: Urgent:	Х	1 - 5 years [<1 year		

Ontario	Structure	Inspection	Manual.	. Inc	nection	Form
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MTO	Site	Number	0
MTO	Site	Number	

Element Group:	Signs		Length:				
Element Name:	Signs		Width:				
Location:	Bridge End Markers		Height:				
Material:			Count:				
Element Type:			Total Quantity:	4			
Environment:			Not Inspected:				
Protection System:				Perform. Maint.			
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all			1	
Comments:					-		
Recommended Work:	None: [Urgent: [X	1 - 5 years [<1 year		
			1				
Element Group:			Length:				
Element Name:			Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:			T	
Protection System:			T			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all						
Comments: Recommended Work:	None: Urgent:		1 - 5 years [<1 year		
Element Group:			Length:				
Element Name:			Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
	sq. m / m / each / % / all						
Comments:	oq. 1117 1117 000117 70			L		1	
Recommended Work:	None: [Urgent: [] 1 - 5 years [<1 year		



Road Section - West View



Bridge Elevation - South Side



Concrete Deterioration on South Side



Underside of Bridge - File Photo



View of Concrete Deterioration on Underside of Bridge



Bridge Elevation - North Side - File Photo



Deterioration on Railings on North Side



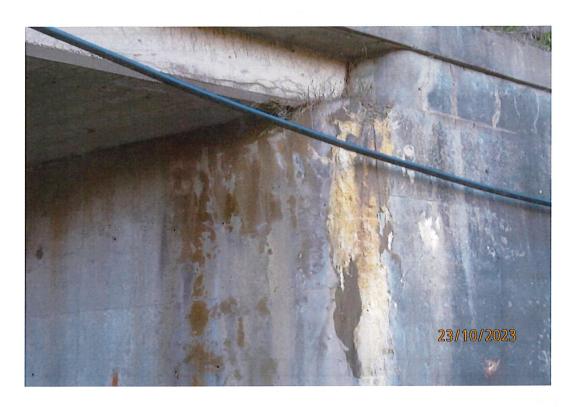
Concrete Deterioration on North Side



Concrete Deterioration on North Abutment Base



Concrete Deterioration on North Soffit



Efflorescence on North Side

Municipal	Structure	Inspection	Manual	- Inspection Form	ı
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MTO Site Number	0
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Repair Rehab	ilitation Required		Priority		
Element	Repair and Rehabilitation Required	1 to 5 years	Within 1 year	Urgent	Estimated Construction Cost
Abutments Barriers Railings	Concrete repairs Carry flex beam across structure on existing Concrete barriers Concrete repairs * 8 square meters of concrete needs to be repaired on bridge.	x x x			84000 28000 (for all concrete repairs)
				Total Cost	\$112,000

Associated Work	Comments	Estimated
		Cost
Approaches	Install End Treatments	50000
Detours		
Traffic Control		
Utilities		
Right of Way		
Environmental study		
Other		
Contingencies		
	Total Cost	\$50,000

Justification		