Ontario	Structure	Inspection	Manual -	Inspection	Form

Inventory Data:		
Structure Name	C110	
Main Hwy/Road #	CPR Drive On Under	x Crossing Navig. Water Non-Navig. x Ped. Type: Rail Road Other
Structure Location	1.0km West of DunDonald Road Lot	2 Con. 3&4
Latitude	4734168.3	Longitude 439398.7
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: X Cons/nt. 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.	Mosa	Inspection Route Sequence
Structure Type	Concrete Rigid Frame Culvert	Interchange Number
Total Culvert Length	9.6 m	Interchange Structure Number
Platform Width	9 m	Min. Vertical Clearance m
Culvert Height	1.1 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.7 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.2 m
Span Lengths		3.05 m
Historical Data:		
Year Built	unknown	Last Evaluation
Last Biennial Inspection	n 2021	Current Load Limit tonnes
Last Bridge Master Inspection		Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspec	ction	
Rehab History: (Date / I	Description)	

Ontorio	Churchine	Inanastian	Manual	1		E
Untario	Suucture	Inspection	Mailuai	- 1115	Decrion	LOUI

MTO	Site	Number	-
10110	Oite	Hullingi	

Field Inspection Information:						
Date of Inspection:	October. 27, 2023					
Inspector:	B. Widner					
Others in Party:						
Equipment Used:						
Weather:	sunny					
Temperature:	rature: 20 degrees celsius					
Additional Investiga	Sione Populards		Priority			
Additional investiga	uons Requirea.	None	Normal	Urgent		
Detailed Deck Condit	ion Survey:	x None Normal Orge				

Additional Investigations Required:	Priority		
	None	Normal	Urgent
Detailed Deck Condition Survey:	Х		
Non-Destructive Delamination Survey of Asphalt-Covered Deck:	х		
Substructure Condition Survey:	х		
Detailed Coating Condition Survey:	х		
Underwater Investigation:	х		
Fatigue Investigation:	x		
Seismic Investigation:	х		
Structure Evaluation	х		
Monitoring of Deformations, Settlements and Movements	Х		
Special Notes:			
Next Detailed Visual Inspection:	Oct. 2025		

Next Detailed Visual Inspection:	Oct. 2025	

Ontario Structure Inspection Manual - Inspection For	Ontario	Structure	Inspection	Manual -	- Inspection	Form
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мто	Site	Number	-

Element Group:	Culverts		Length:	9.6			
Element Name:	Barrel		Width:	3.05			
Location:			Height:	1.1			
Material:	Concrete		Count:				
Element Type:	Cast in Place Concrete	R. Frame	Total Quantity:	1			
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / al			all		1	
Comments:			<u> </u>	ł			
Some conc	rete deterioration on sout	hwest side	north and north	west sides - re	enair		
00///0 00//0			north and north		pan		
Recommended Work:	None:		1 - 5 years	x	<1 year		
	Urgent:		1 ,		.,	L	
	Orgoni.		J				
Element Group:	Inlet Components		Length:	7.9			
Element Name:	Wingwalls & Headwalls		Width:	0.3			
Location:	Vingualo a ricaduale		Height:	0.0			
Material:	Concrete		Count:				
Element Type:	Cast in Place		Total Quantity:				
Environment:	Cust III 1 Iucc		Not Inspected:				
Protection System:			INOL IIISPECIEU.	L		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		3000	all	F 001	Deliciencies	Neeus
	Sq. III / III / eacii / // / aii	······		all			
Comments:							
Some conci	rete deterioration - repair						
Donous and ad World	Name: I		1 4 5		44		
Recommended Work:	None:		1 - 5 years	X	<1 year		
	Urgent:		J				
Flowert Craum	Outlet Commonante		II amada.	7.0			
Element Group:	Outlet Components		Length:	7.9			
Element Name:	Wingwalls & Headwalls		Width:	0.3			
Location:	Cararata		Height:				
Material:	Concrete		Count:				
Element Type:	Broken Concrete		Total Quantity:				
Environment:			Not Inspected:				
Protection System:				- · 1		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
	sq. m / m / each / % / all		L	all			
Comments:							
Some concr	ete deterioration - repair	(see photo)					
			,				
Recommended Work:	None:		1 - 5 years	X	<1 year		İ
	Urgent:]		•		ŀ
							ļ

Ontario Structure Inspection Manual - Inspection Forn	Ontario	Structure	Inspection	Manual -	Inspection	Form
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MTO Site	Number	-

Element Group:	Wearing Surfaces		Length:				
Element Name:			Width:	6.7			
Location:			Height:				
Material:	Gravel		Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:	х			
Protection System:						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:	Embankments & Streams	c	Length:				
Element Name:	Embankments	3	Width:		· · · · · · · · · · · · · · · · · · ·		
Location:	Linbalkinents		Height:	1.4			
Material:	Earth		Count:	1.7			
Element Type:	Laitii		Total Quantity:				
Environment:			Not Inspected:				
Protection System:			Inot inspected.			Dorform	Maint
Condition	l laite	F"	0	F-:- T	D	Perform.	Maint.
	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:	Embankmente & Streem		Longth:				
Element Name:	Embankments & Streams Streams	3	Length: Width:				
Location:	Streams		Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:			INOLITISPECIEU.			Perform.	Maint.
Condition	Units	Exc.	Good	Fair T	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	LXC.	all	I all	F 001	Deliciencies	Neeus
Comments:	sq. III / III / eacii / /o / aii		j ali	l			
Recommended Work:	None: Urgent:	х] 1 - 5 years		<1 year		

Ontario Structure Inspection Manual - Inspection Form					MTO Site	e Number -	
Element Data							
Element Group:	Signs		Length:				
Element Name:			Width:	· · · · · · · · · · · · · · · · · · ·			
Location:	End Markers		Height:				
Material:			Count:				
Element Type:			Total Quantity:	4			
Environment:			Not Inspected:	•			
Protection System:			Intot mopeoted. I	**		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all	ı an	1 001	- Deficiencies	140003
Comments:					1 .		
Recommended Work:	None: Urgent:	X	1 - 5 years		<1 year	· []	
Element Group:			Length:				
Element Name:			Width:				
Location:			Height:				
Vaterial:			Count:				
Element Type:		***************************************	Total Quantity:				
Environment:			Not Inspected:				
Protection System:			[140t mapecied.]			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	LAU.	3000	1 411	F 001	Deliciencies	Meeus
Comments: Recommended Work:	None:		1 - 5 years [<1 year		
Element Group:			Length:				
Element Name:			Width:				
_ocation:			Height:				
Material:			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						
comments:							

1 - 5 years [

<1 year

Recommended Work:

None: Urgent:



Road Section - West View



Inlet



Barrel



Outlet



Concrete Deterioration on Outlet Side



Concrete Deterioration on Outlet Side - Alternate View



Concrete Deterioration on Top of Headwall



Concrete Deterioration on Southwest Corner



Concrete Deterioration on Norththwest Corner

Municipal	Structure Inspection Manual - Inspection Form

MTO:	Site	Number	-

Repair Rehab	lation Required		Priority		
					Estimated
Element	Repair and Rehabilitation Required	1 to 5	Within	Urgent	Construction
		years	1 year		Cost
Wingwalls,					
Headwalls Curbs	Concrete Repairs	x			28000
				:	
				Total Cost	\$28,000

Associated Work	Comments	Estimated
		Cost
Approaches		
Detours		
Traffic Control		
Utilities		
Right of Way		
Environmental study		
Other		
Contingencies		
.	Total Cost	\$0

Justification	

Ontario Structure I	Inspection	Manual -	Inspection	Form
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Inventory Data:		
Structure Name	C111	
Main Hwy/Road #	CPR Drive On Under	Crossing Navig. Water Non-Navig. X Ped. Type: Rail Road Other
Structure Location	1.1km West of Big Bend Road Lot 1	4 Con 3&4
Latitude	4728722.4	Longitude 434323.2
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: x Cons/nt. App. List/n.d. Designation 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	Inspection Route Sequence
Structure Type	Concrete Rigid Frame Culvert	Interchange Number
Total Culvert Length	9.8 m	Interchange Structure Number
Platform Width	9 m	Min. Vertical Clearance m
Culvert Height	1.8 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.6 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.4 m
Span Lengths		2.43 m
Historical Data:		
Year Built	unknown	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 Inspec	ction	
Rehab History: (Date /	Description)	

Ontario Structure In	MTO Sit	e Number [-	
Field Inspection Info	ormation:			
Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:				
Weather:	sunny			
Temperature:	20 degrees celsius			
Additional Investiga	tions Required:		Priority	
		None	Normal	Urgent
Detailed Deck Condit	ion Survey:	х		
Non-Destructive Delamination Survey of Asphalt-Covered Deck:		х		
Substructure Condition	on Survey:	x		
Detailed Coating Con	dition Survey:	x		
Underwater Investiga	tion:	x		

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Oct. 2025

Fatigue Investigation:

Seismic Investigation:

Structure Evaluation

Special Notes:

Next Detailed Visual Inspection:

Monitoring of Deformations, Settlements and Movements

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Ontario	Structure	Inspection	Manual -	Inspection	Form

MTO Site Number	-

	<u>, </u>					
Element Group:	Culverts	Length:	9.8			
Element Name:	Barrel	Width:	2.43			
Location:		Height:	1.8			
Material:	Concrete	Count:			was	
Element Type:	Cast in Place Concrete R. Frame	Total Quantity:	11			
Environment:		Not Inspected:				
Protection System:					Perform.	Maint.
Condition	Units Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	all				
Comments:						
Some conc	rete deterioration on barriers - repa	ir				
December ded Worls	Nana	1 - 5 years	[,	<1 year		
Recommended Work:	None:	- 1 - 5 years	X	<1 year		
	Urgent:					
Element Craun:	Inlot Components	II onath:	7.7			
Element Group: Element Name:	Inlet Components Wingwalls & Headwalls	Length: Width:	0.3			
Location:	Vingwalls & Fleadwalls	Height:	0.3			144
	Concrete	Count:				
Material: Element Type:	Concrete	Total Quantity:				
	Cast in Place	Not Inspected:				
Environment:		inot inspected:			D-4	Maint
Protection System: Condition	Units Exc.	Good	Fair	Poor	Perform. Deficiencies	Maint. Needs
			raii	P001	Deliciencies	Neeus
Data:	sq. m / m / each / % / all	all	L L			
Comments:						
Minor deter	ioration on headwall					
		–				
Recommended Work:	None: x	1 - 5 years		<1 year		
	Urgent:					
E	IO. #-1 O	11	-, -,			
Element Group:	Outlet Components	Length:	7.7		····	
Element Name:	Wingwalls & Headwalls	Width:	0.3			
Location:		Height:				
Material:	Concrete	Count:			****	
Element Type:	Cast in Place	Total Quantity:				
Environment:		Not Inspected:			г Б .	11.1.1
Protection System:			= ,		Perform.	Maint.
Condition	Units Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	all	<u> </u>			
Comments:						
		-				
Recommended Work:	None: x	1 - 5 years		<1 year		
	Urgent:					

Ontario Structure Inspection Manual - Inspection Form				MTO Site Number		
Wearing Surfaces		Length:				
		Width:	6.6			
		Height:				
Gravel		Count:				
		Total Quantity:				
		Not Inspected:	x			
					Perform.	Maint.
Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
sq. m / m / each / % / all	***				1	
None: Urgent:		1 - 5 years [<1 year	r	
Embankments & Stream	S	Length:				
			2.3			
Earth		Count:				

		Not Inspected:				
	Wearing Surfaces Gravel Units sq. m / m / each / % / all None: Urgent: Embankments & Stream Embankments	Wearing Surfaces Gravel Units Exc. sq. m / m / each / % / all None: Urgent: Embankments & Streams Embankments	Wearing Surfaces Width: Height: Count: Total Quantity: Not Inspected: Units Exc. Good sq. m / m / each / % / all None: Urgent: Embankments & Streams Embankments Embankments Urgent: Length: Length: Length: Count: Total Quantity: Count: Total Quantity:	Wearing Surfaces Width: Width: 6.6 Height: Count: Total Quantity: Not Inspected: x Units Exc. Good Fair sq. m / m / each / % / all None: Urgent: Urgent: Embankments & Streams Embankments Width: Height: Count: Total Quantity:	Wearing Surfaces	Wearing Surfaces

Good

1 - 5 years

all

Fair

Poor

<1 year

Exc.

Perform.

Deficiencies

Maint.

Needs

Comments:

Protection System: Condition

Data:

Recommended Work:

Units

sq. m / m / each / % / all

None: Urgent:

Element Group:	Embankments & Stream	าร	Length:				
Element Name:	Streams		Width:				
Location:			Height:				
Material:			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				
Comments:		***************************************					
Recommended Work:	None: Urgent:	X] 1 - 5 years [] <1 year		

Ontario Structure insp	ection Manual - Inspect	ion Form			WITO SITE	Number [-	
Element Data							
Element Data							
Element Group:	Signs		Length:				
Element Name:	Olgilo		Width:				
Location:	End Markers		Height:				
Material:	Life Markete		Count:				
Element Type:			Total Quantity:	4	l		····
Environment:			Not Inspected:				
Protection System:			1, , , , , , , , , , , , , , , , , , ,			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all			all		1	
Comments:				1	.1		
	ooked and need to be st	raightened					
Olgilo ale ol	conca and neca to be on	algittorica.					
Recommended Work:	None:		1 - 5 years	x	<1 year		
	Urgent:		1 , 0,000	F.,	J , , , , , , ,		
	Orgonic.		J				
Element Group:			Length:	1			
Element Name:			Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:	<u> </u>			
Protection System:			prot mopostou.	I		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all			1 411	1 001	-	
Comments:	3q. III / III / Caoii / /0 / aii		<u> </u>	L	<u> </u>		
Comments.							
Recommended Work:	None:		1 - 5 years] <1 year		
Necommended Work.	None.		1 - 5 years	L	1 Trycan	L	
	l.		J				
Element Group:			Length:				
Element Name:			Width:				
Location:		·····	Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:		<u> </u>	Not Inspected:				
Protection System:			mapeoted.	I		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Containon	Unito	L. A.U.		1 UII	1 001	1 - 011010110103	10000

sq. m / m / each / % / all

None: Urgent:

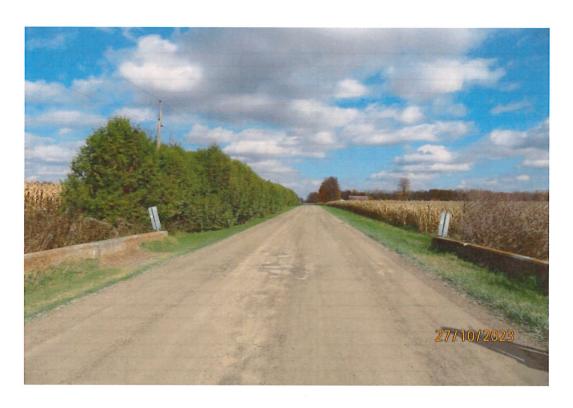
Data:

Recommended Work:

Comments:

1 - 5 years

<1 year [



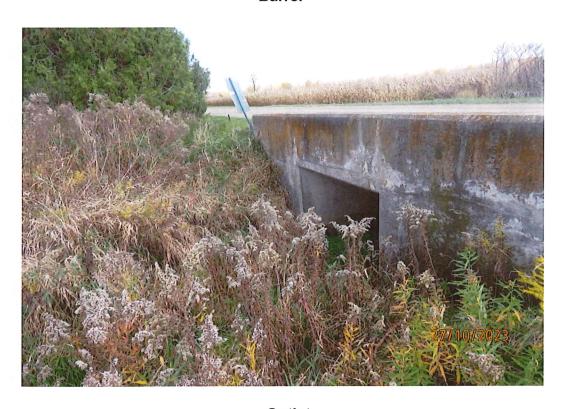
Road Section - East View



Inlet



Barrel



Outlet



Concrete Deterioration



Concrete Deterioration - Alternate View



Minor Cracking and Deterioration on South Headwall

Municipal Structure Inspection Manual - Inspection Form	
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MTO	Site	Number		_
			i	

Repair Reha	bilation Required		Priority Priority			
Element	Repair and Rehabilitation Required	1 to 5	Within	Urgent	Estimated Construction	
		years	1 year		Cost	
Signs	Straighten them to proper postion	x			500	
Structure	Some concrete deterioration on barrier walls - repair	X			10000	
				Total Cost	\$10,500	

Associated Work	Comments	Estimated
		Cost
Approaches		
Detours		
Traffic Control		
Utilities		
Right of Way		
Environmental study		
Other		
Contingencies		
	Total Cost	\$0

Justification		

Ontario	Structure	Inspection	Manual -	Inspection	Form
Untario	Structure	mopection	iviai iuai -	mopermon	FULL

Inventory Data:		
Structure Name	C119	
Main Hwy/Road #	Knapdale Drive On X	Crossing Navig. Water Non-Navig. X Ped. Type: Rail Road Other
Structure Location	1.8km West of DunDonald Road Lot 3	Con 4&5
Latitude	4734555.1	Longitude 437916.5
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: X Cons/nt. App. List/n.d. Designation Desig./not list Desig & List
MTO region	South-Western	Road Class: Freeway Arterial Collector X
MTO District	2	Posted Speed No. of Lanes 2
Old County	Middlesex	AADT % Trucks
Geographic Twp.	Mosa	Inspection Route Sequence
Structure Type	Concrete Rigid Frame Culvert	Interchange Number
Total Culvert Length	18 m	Interchange Structure Number
Platform Width	8.9 m	Min. Vertical Clearance m
Culvert Height	2.43 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.9 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.1 m
Span Lengths		5.48 m
Historical Data:		
Year Built	1986	Last Evaluation
Last Biennial Inspection		Current Load Limit tonnes
Last Bridge Master Insp		Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspec	ction	S, Earl Expirit Date
Rehab History: (Date /		
Trends Friedry, (Date /	Secondary (

Ontario Structure In	MTO Si	te Number [-	
Field Inspection Info	ormation:			
Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:				
Weather:	sunny			
Temperature:	20 degrees celsius	Microsoftura .		NOVEMBER OF THE PROPERTY OF TH
Additional Investiga	tions Required:		Priority	
		None	Normal	Urgent
Detailed Deck Condit	ion Survey:	х		
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	х		
Substructure Condition Survey:		х		
Detailed Coating Condition Survey:		x		
Underwater Investigation:		x		
Fatique Investigation:	·*************************************	x		

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Oct. 2025

Seismic Investigation:

Structure Evaluation

Special Notes:

Next Detailed Visual Inspection:

Monitoring of Deformations, Settlements and Movements

Ontario Structure Inspe	ection Manual	- Ins	pection	Form
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MTO Site Number	-
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	T ,		T	1 10			
Element Group:	Culverts		Length:	18			
Element Name:	Barrel		Width:	5.48			
Location:			Height:	2.43			
Material:	Concrete		Count:	ļ			
Element Type:	Cast in Place Concrete	R. Frame	Total Quantity:	111	*******		
Environment:			Not Inspected:			T 5-4	* 4 = 1 = 4
Protection System:	Liette	Т Е	T 0	1 <u></u>		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data: Comments:	sq. m / m / each / % / al	l l all		<u> </u>		<u></u>	
Recommended Work:	None: Urgent:	X] 1 - 5 years		<1 year		
Element Group:	Inlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:	Concrete		Count:		····		
Element Type:	Broken Concrete		Total Quantity:				
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / al	il .			all		
Wingwalls r	equires repair due to poo None: Urgent:	or conditions.] 1 - 5 years [x	<1 year		
Element Group:	Outlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:	VVIIIgwaiis		Height:		····		
Material:	Concrete		Count:				
Element Type:	Broken Concrete		Total Quantity:				
Environment:	Diovell College		Not Inspected:				
Protection System:			Mot mapecied.			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sg. m / m / each / % / all		3000	all		Deliciencies	INCCUS
Comments:	SQ. III / III / Cacii / /0 / aii			all			
Recommended Work:	None: Urgent:	х	1 - 5 years [<1 year [

Ont	ario	Structure	Inspection	Manual	-	Inspection I	Form
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MTO Site	Number	-

F1	[] A/		Ti (1				
Element Group:	Wearing Surfaces		Length:				
Element Name:			Width:	6.9			
Location:			Height:				
Material:	Gravel		Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:	X			
Protection System:		·				Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / al	1					
Comments: Recommended Work:	None: Urgent:	x	1 - 5 years [<1 year		
Clament Craus	IT-should be a Consequent					**	
Element Group:	Embankments & Stream	IS	Length:				
Element Name:	Embankments		Width:				
Location:	[····	Height:	2.5		*	
Material:	Earth		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 / % / al	l	all			1	
Recommended Work:	None: Urgent:	X] 1 - 5 years [<1 year		
Element Group:	Embankments & Stream	26	Length:				
Element Name:	Streams	10	Width:			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Location:	Ott Carris	***	Height:				
Material:			Count:				
Element Type:			Total Quantity:		***************************************		
Environment:			Not Inspected:				
Protection System:			Tivot inspected. I			T Darfarra	NA-i-4
Condition	Units	T Eva	T Cood T	Fair I	Deer	Perform.	Maint.
		Exc.	Good	Fair	Poor	Deficiencies	Needs
Data: Comments:	sq. m / m / each / % / al		all	<u>, </u>			
Recommended Work:	None: Urgent:	X	1 - 5 years [<1 year		



Road Section - West View



Inlet



Barrel



Outlet



Wingwall Requiring Repair



Wingwall Requiring Repair - Altenate View

Municipal St	tructure Inspection Manual -	nspection Form		MTO Sit	e Number	
Repair Rehal	bilation Required			Priority		
Element	Repair and Rehabilitation	Required	1 to 5 years	Within 1 year	Urgent	Estimated Construction Cost
Wingwalls	Repair all wingwalls		х			2800
Associated W	Vork		Comments		Total Cost	\$28,000 Estimated Cost
Detours						
Traffic Control		41"47.574111				
Utilities						V - (V -
Right of Way						
Enviromental :	study					
Other						
Contigencies						
					Total Cost	\$(
Justification						

Ontario Structure Inspection Manual - Inspection Form

MTO Site Number

19-575/c

Inventory Data:		
Structure Name	C126	
Main Hwy/Road #	Argyll Drive On Vunder	Crossing Navig. Water Non-Navig. X Ped. Type: Rail Road Other
Structure Location	1.8km East of DunDonald Road Lot	3 Con 6&7
Latitude	4736528.6	Longitude 436047
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: x Cons/nt. 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.	Mosa	Inspection Route Sequence
Structure Type	Concrete Rigid Frame Culvert	Interchange Number
Total Culvert Length	18 m	Interchange Structure Number
Platform Width	8.9 m	Min. Vertical Clearance m
Culvert Height	1.85 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.1 m	Detour Length Around Bridgekm
Skew Angle	30 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.2 m
Span Lengths		4.26 m
Historical Data:		
Year Built	1987	Last Evaluation
Last Biennial Inspection	n 2021	Current Load Limit tonnes
Last Bridge Master Insp	pection	Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Insped	ction	
Rehab History: (Date /	Description)	
		1

Ontario Structu	re Inspection	Manual -	Inspection	Form
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MTO Site Number 19-575/c

Field Inspection Info	ormation:			
Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:				
Weather:	sunny			
Temperature:	20 degrees celsius	***************************************		
Additional Investiga	tions Paguirad:		Priority	
Additional invocage	none Required.	None	Normal	Urgent
Detailed Deck Conditi	ion Survey:	×		
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	x		
Substructure Condition Survey:		х		
Detailed Coating Con	dition Survey:	х		
Underwater Investiga	tion:	x		
Fatigue Investigation:		×		
Seismic Investigation	:	х		
Structure Evaluation		x		
Monitoring of Deforma	ations, Settlements and Movements	×		
Special Notes:			-	
Next Detailed Visual I	Inancation	Oct. 2025		
inexi Delalleu visual i	anspection.	TUCL ZUZO		

19-575/c

Element Group:	Culverts		Length:	18			
Element Name:	Barrel		Width:	4.26			
Location:			Height:	1.85		-	
Material:	Concrete		Count:				
Element Type:	Cast in Place Concrete	R. Frame	Total Quantity:	1			
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all	all					
Comments:				In			
Recommended Work:	None:	x	1 - 5 years		<1 year		
Necommended Work.	Urgent:	^	I To years		11 your		
	Olgent.	L	J				
							l
Element Group:	Inlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:			Count:			· ·	
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sg. m / m / each / % / all						
Comments:	joq. III / III / Gadii / / / / aii		<u> </u>			I	
None							
None							
Recommended Work:	None:	r	1 - 5 years		<1 year		
Recommended Work.	Urgent:		i - o years i		11 your		
	Orgent.		J				
Element Group:	Outlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:			[Trot map outour]			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all		0000			2011010110100	,,,,,,,
Comments:	Joy. III / HI / Cacil / /0 / all			L		<u> </u>	
None							
Recommended Work:	None:		1 - 5 years [<1 year		
Necommenueu WOIK.			i - o years [\1 year		
	Urgent:		I				

19-575/c

Element Group:	Wearing Surfaces		Length:				<u> </u>
Element Name:			Width:	6.1			
Location:			Height:				
Material:	Gravel		Count:				
Element Type:			Total Quantity:			***************************************	
Environment:			Not Inspected:	×			
Protection System:		·	1			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all						
Comments:	[<u> </u>	<u> </u>		1	
Recommended Work:	None: Urgent:		1 - 5 years		<1 year		
<u> </u>	Te., 1 1 000		T	1			
Element Group:	Embankments & Streams		Length:				
Element Name:	Embankments		Width:				
Location:	Pro 11		Height:	2.2			
Material:	Earth		Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:				·		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data: Comments:	sq. m / m / each / % / all			all	***************************************		
	sent on northwest and so None: Urgent:	outhwest cor	rners - repair] 1 - 5 years	x	<1 year		
Element Group:	Embankments & Stream	IS	Length:				
Element Name:	Streams		Width:				
Location:			Height:				
Material:			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				
Comments: Recommended Work:	None: Urgent:	X] 1 - 5 years		<1 year		

19-575/c

Element Group.	Guardialis		juengin.				
Element Name:	End Treatments		Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:		****		A		Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all					1	
Comments:			7		,		
Recommended Work:	None: Urgent:		1 - 5 years		<1 year		
Element Group:	Signs	-	Length:				
Element Name:	End Markers	Width:					
Location:	End Markoro		Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:			Trot mopeotoa.			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all			1 411	all	1	110000
Comments:	34. 1117 1117 Gacil 7 70 7 all			<u></u> l	an an	l.	
	resent. Install. None: Urgent:		1 - 5 years	х	<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
Data:	sq. m / m / each / % / all						
Comments: Recommended Work:	None: [Urgent: [1 - 5 years		<1 year		



Road Section - West View



Inlet



Barrel



Outlet



View of Erosion on Northwest Corner



View of Erosion on Southwest Corner

Municipal Structure Inspection Manual - Inspection Form

MTO Site Number

19-575/c

Repair Rehabil	ation Required		Priority			
		·				
Element	Repair and Rehabilitation Required	1 to 5	Within	Urgent	Construction	
		years	1 year		Cost	
Embankments	Erosion on northwest and soutwest corners - repair	x			13000	
			I	Total Cost	\$13,000	

Associated Work	Comments	Estimated
		Cost
Approaches	Install 4 end markers	1000
Detours		
Traffic Control		
Utilities		
Right of Way		
Environmental study		
Other		
Contingencies		
- Andrews St. Company of the Company	Total Co	st \$1,000

Justification		
Justilication		

Ontario Structure Inspection Manual - Inspection Fo	Ontario	Structure	Inspection	Manual -	 Inspection 	Form
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MTO Site Number

19-486

Inventory Data:		
Structure Name	C127	
Main Hwy/Road #	Argyll Drive On X	Crossing Navig. Water Non-Navig. x Ped. Type: Rail Road Other
Structure Location	1.7km West of Old Airport Road Lot 7	Con. 6&7
Latitude	4734873.5	Longitude 434479.1
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: x Cons/nt. 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.	Mosa	Inspection Route Sequence
Structure Type	Concrete Simple Span Culvert	Interchange Number
Total Culvert Length	15.85 m	Interchange Structure Number
Platform Width	8.1 m	Min. Vertical Clearance m
Culvert Height	2.5 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.5 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 0.6 m
Span Lengths		6.7 m
Historical Data:		
Year Built	1967	Last Evaluation
Last Biennial Inspection	1 2021	Current Load Limit tonnes
Last Bridge Master Insp	pection	Load Limit By-Law #
Last Condition Survey		By-Law Expiry Date
Last Underwater Inspec	ction	
Rehab History: (Date /	Description)	
Spriet Job	#: 218175	

Ontario Structure Inspection Manual - Inspection Form

MTO Site Number 19-486

Field Inspection Info	ormation:			
Date of Inspection:	October. 27, 2023			
Inspector:	B. Widner			
Others in Party:				
Equipment Used:				
Weather:	sunny			
Temperature:	20 degrees celsius			
In the second of			Delastitus	
Additional Investiga	tions Required:	None	Priority Normal	Urgent
Detailed Deck Condit	ion Survey:	X	110111101	
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	×		
Substructure Condition	on Survey:	x		
Detailed Coating Con	dition Survey:	x		
Underwater Investiga	tion:	x		W
Fatigue Investigation:		x		
Seismic Investigation	:	x		
Structure Evaluation		×		
Monitoring of Deform	ations, Settlements and Movements	×		
Special Notes:		manuscus na .		
Next Detailed Visual	Inspection:	Oct. 2025		

1	9-486	

Element Group:	Culverts		Length:	15.85			
Element Name:	Barrel		Width:	6.7			
Location:			Height:	2.5			
Material:	Concrete		Count:				
Element Type:	Cast in Place Simple Spa	an	Total Quantity:	1			***************************************
Environment:			Not Inspected:				
Protection System:						Perform,	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m/m/each/%/all		all			1	
Comments:						· · · · · · · · · · · · · · · · · · ·	***************************************
Minor efflor	esence on northeast and	south west	corners - see ph	otos			
Recommended Work:	None:	Х	1 - 5 years	-	<1 year		
1	Urgent:			· · · · · · · · · · · · · · · · · · ·	•	<u> </u>	
			•				
Element Group:	Inlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:			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						
Comments:							
None							
Recommended Work:	None:		1 - 5 years [<1 year		
	Urgent:		,		i your		
	0.g0ii(i _						
		·					
Element Group:	Outlet Components		Length:		C. C		
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:			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				1 001	Denoichoics	Necus
Comments:							· · · · · · · · · · · · · · · · · · ·
None							
110110							
Recommended Work:	None:		1 - 5 years [<1 year		
	Urgent:		i - o years [> i year		
	Orgent. L						
·							

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19-486

Element Group:	Wearing Surfaces		Length:				
Element Name:			Width:	6.5			
Location:			Height:				
Material:	Gravel		Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:	X			
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:						
Element Group:	Embankments & Streams	}	Length:				
Element Name:	Embankments		Width:				
Location:			Height:	3.1			
Material:	Earth		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			
Comments:							
Outlet pipe	is rusting.						
Recommended Work:	None:		1 - 5 years	х	<1 year		
	Urgent:		1 ' '		•		
Replace rus	sting outlet pipe.		1				
r topiado rat	string duties pipe.						
Element Group:	Embankments & Streams	}	Length:				
Element Name:	Streams		Width:				
Location:			Height:				
Material:			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	
Comments:	1					·	
Recommended Work:	None: 5	·] 1 - 5 years		<1 year		
Necommended WOIK.	<u></u>	`	1 , 0,00,01		. your		
i	Iraent		I				
	Urgent:]				
	Urgent: _		J				



Road Section - West View



Inlet



Barrel



Outlet



View of Rusting Outlet Pipe in Southwest Corner - File Photo



Effloresence on Northeast Corner



Effloresence on Southwest Corner



Concrete Deterioration on Southeast Corner

١	Л	TO	S	ite	Ni	ım	he	r

19-486

	lation Required			Priority		
Element	Repair and Rehabilitatio	n Required	1 to 5 years	Within 1 year	Urgent	Estimated Construction Cost
Barrel	Repair concrete deterior	ation	x			10000
Embakments	Outlet pipe is rusting an	d should be replaced	x			7000
					Total Cost	\$17,000
Associated Wo	ork		Comments			Estimated
Approaches						Cost
Detours						
Traffic Control						
Utilities						
Right of Way						
Environmental s	study					****
Other						
Contingencies		· · · · · · · · · · · · · · · · · · ·				
					Total Cost	\$0
Justification						

Λ.	atario	Structura	Inenection	Manual -	Inspection	Form
U	ntario	Structure	inspection	Manual -	mspection	LOIM

MTO Site Number	

Ontario Structure Ins	pection Manual - Inspection Form	MTO Site Number
Inventory Data:		
Structure Name	C137	
Main Hwy/Road #	Old Airport Road On X Under	Crossing Navig. Water Non-Navig. x Ped. Type: Rail Road Other
Structure Location	0.1 km North of Centreville Drive Lot	4&5 Con. 1
Latitude	4730207.7	Longitude 441152.9
Owners	Mun. of Southwest Middlesex	Heritage Not Consid: x Cons/nt. App. List/n.d. Designation 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	Inspection Route Sequence
Structure Type	CSP Round	Interchange Number
Total Culvert Length	17 m	Interchange Structure Number
Platform Width	9 m	Min. Vertical Clearance m
Culvert Height	2.4 m	Special Transit Truck Routes: School Bicycle
Roadway Width	6.1 m	Detour Length Around Bridge km
Skew Angle	0 Degrees	Direction of Structure
No. of Spans	1	Fill on Structure 1 m
Span Lengths	·	2.4 m
Historical Data:		
Year Built	2014	Last Evaluation
Last Biennial Inspectio	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	ection	
Rehab History: (Date /	Description)	

Ontario Structure Inspection	ı Manual -	Inspection	Form
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Ontario Structure In	spection Manual - Inspection Form	MTO Sit	0	
Field Inspection Info	ormation:			
Date of Inspection:	October. 23, 2023			<u>jenika di kacamatan di kacamat</u>
Inspector:	Brandon Widner			
Others in Party:				,
Equipment Used:				
Weather:	sunny		- · · · · · · · · · · · · · · · · · · ·	
Temperature:	12 degrees celsius			
Additional Investiga	tions Required:		Priority	
Tolk actual 1		None	Normal	Urgent
Detailed Deck Conditi	ion Survey:	х		<u> </u>
Non-Destructive Dela	mination Survey of Asphalt-Covered Deck:	×		
Substructure Conditio	n Survey:	X		
Detailed Coating Con	dition Survey:	х		
Underwater Investigat	tion:	×		
Fatigue Investigation:		×		
Seismic Investigation:		x		
Structure Evaluation		X		

Special Notes:	CONTROL CONTRO	***	

Monitoring of Deformations, Settlements and Movements

Next Detailed Visual Inspection:	Oct. 2025

Ontario Structure	Inspection	Manual - I	Inspection	Form
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мто	Site	Number	ō

Element Group:	Culverts		Length:	17			
Element Name:	Barrel		Width:	2.4			
Location:			Height:	2.4			
Material:	Steel		Count:				
Element Type:	Corrugated Steel Plate	Pipe Arch	Total Quantity:	1			
Environment:			Not Inspected:				
Protection System:			·			Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / a	all			all		
Comments: Recommended Work:	None: Urgent:] 1 - 5 years [<1 year	х	
Element Group:	Inlet Components		Length:				
Element Name:	Wingwalls		Width:				
Location:			Height:				
Material:	Concrete		Count:				
Element Type:	Broken Concrete		Total Quantity:				
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / a	all		all			
Comments: Recommended Work:	None: Urgent:	х] 1 - 5 years [<1 year		
F			<u> </u>				
Element Group: Element Name:	Outlet Components		Length: Width:		****		
Location:	Wingwalls		Height:				
Material:			Count: Total Quantity:				
Element Type:							
Environment:			Not Inspected:			Perform.	Maint.
Protection System: Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
	sq. m / m / each / % / a		Good	raii	F001	Deliciencies	Neeus
Data:	sq. m / m / each / 76 / a	111		L			
Comments: None							
Recommended Work:	None: Urgent:		1 - 5 years [<1 year		

On	tario	Structure	Inspection	Manual -	Inspection	Form
VII	italio	Structure	IIISDECTION	Wallual -	Inspection	LOUI

ито	Site	Number	0

Element Group:	Wearing Surfaces		Length:				
Element Name:			Width:	6.1	***************************************		
Location:			Height:		***************************************		
Material:	Gravel		Count:		***************************************		
Element Type:			Total Quantity:				
Environment:	11.11		Not Inspected:	Х			
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / al			1 411	1 001	Demoierioles	110003
Comments:	34. 1117 1117 Caoi17 70 7 ai	1	1	L		1	
Recommended Work:	None: Urgent:	X	1 - 5 years		<1 year		
[FI10	T= 1 1 1 0 01						
Element Group:	Embankments & Stream	<u>ns</u>	Length:			~~~	
Element Name:	Embankments		Width:				
Location:			Height:	3.4			
Material:	Earth		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	l	all				
Comments: Recommended Work:	None: Urgent:	X] 1 - 5 years [<1 year		
FI 10	I= 1 1		T			<u></u>	
Element Group:	Embankments & Stream	18	Length:				
Element Name:	Streams		Width:				
Location:			Height:				
Material:			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			
Comments: Recommended Work:	None: Urgent:	X] 1 - 5 years [<1 year		

Ontario	Structure	Inspection	Manual -	Inspection	Form

MTO Site Number	0
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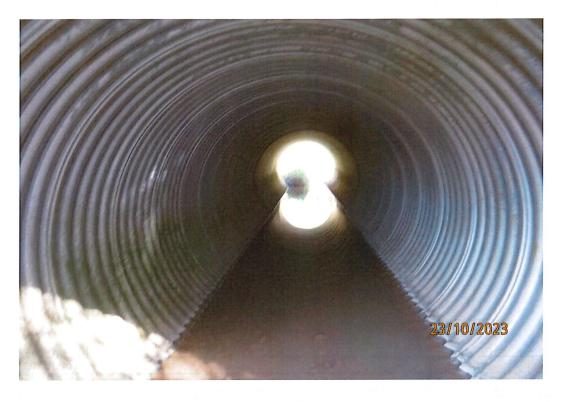
Element Group:	Guardrails		Length:				
Element Name:	Flex Beam		Width:				
Location:			Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
Protection System:						Perform.	Maint.
Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
Data:	sq. m / m / each / % / all				all		
Comments:	· · · · · · · · · · · · · · · · · · ·			,			***************************************
None are p	resent. Install.						
Recommended Work:	None:		1 - 5 years	x	<1 year		
recommende work	Urgent:		1		. ,		
	Orgoni. [_1				
				·			
Element Group:	Signs	*******	Length:	1			
Element Name:	End markers		Width:				
Location:	Lifu markers		Height:				
Material:			Count:				
Element Type:			Total Quantity:				
Environment:			Not Inspected:				
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Condition	Units	Exc.	Good	Fair	Poor	Deficiencies	Needs
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None are processed in the processed in t	None:		Length: Width: Height: Count:	x	<1 year		
Recommended Work: Element Group: Element Name: Location: Material: Element Type:	None:		Length: Width: Height: Count: Total Quantity:	X	<1 year		
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Recommended Work: Element Group: Element Name: Location: Material: Element Type: Environment: Protection System:	None: Urgent:		Length: Width: Height: Count: Total Quantity: Not Inspected:			Perform.	Maint.
None are processed in the processed in t	None: Urgent:	Exc.	Length: Width: Height: Count: Total Quantity:	x Fair	<1 year		Maint. Needs
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Recommended Work: Element Group: Element Name: Location: Material: Element Type: Environment: Protection System: Condition Data:	None: Urgent:		Length: Width: Height: Count: Total Quantity: Not Inspected:			Perform.	
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Recommended Work: Element Group: Element Name: Location: Material: Element Type: Environment: Protection System: Condition Data: Comments:	None: Urgent: Units sq. m / m / each / % / all		Length: Width: Height: Count: Total Quantity: Not Inspected:		Poor	Perform. Deficiencies	
Recommended Work: Element Group: Element Name: Location: Material: Element Type: Environment: Protection System: Condition Data: Comments:	None: Urgent: Units sq. m / m / each / % / all		Length: Width: Height: Count: Total Quantity: Not Inspected:		Poor	Perform. Deficiencies	



Road Section - South View



Inlet



Barrel



Outlet

Municipal	Structure	Inspection	Manual	- Inspection I	-orm

M	TO	Site	Number	

Repair Rehabilation Required		Priority		
Repair and Rehabilitation Required	1 to 5	Within	Urgent	Estimated Construction
	years	1 year		Cost
				Ī
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			Total Cost	\$0
			Repair and Rehabilitation Required 1 to 5 Within	Repair and Rehabilitation Required 1 to 5 Within Urgent

Associated Work	Comments	Comments		
			Cost	
Approaches	Install 4 end markers.		1000	
	Install guardrails		50000	
Detours				
Traffic Control				
Utilities				
Right of Way				
Environmental study				
Other				
Contingencies				
		Total Cost	\$51,000	

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