



# APPENDIX

**H**



MTO STRUCTURAL  
CULVERT HERITAGE  
SCREENING FORM

<b>Structure Name:</b> Ramsay Creek Diversion				
<b>Structure Location:</b> Highway 417, under EBL Overpass at Ramsayville Road				
<b>MTO Site #:</b> 3-444C		<b>Year/Decade Built:</b> 1973		
<b>Form Completed By:</b> Stephen Jarrett		<b>Office:</b> WSP Canada Inc	<b>Date:</b> Feb 1, 2018	
 <p>Figure 1: Culvert Elevation</p>		 <p>Figure 2: Culvert from Roadway</p>		
Screening Questions			Yes	No
1. Is the culvert known to be:				
a. Identified as a Heritage Bridge in the Heritage Bridge List (from Ministry of Culture Website – still under development, or from OHBG)?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. A National Historic Site (or part thereof) ( <a href="http://www.pc.gc.ca/eng/progs/lhn-nhs/index.aspx">http://www.pc.gc.ca/eng/progs/lhn-nhs/index.aspx</a> )?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Subject of a municipal, provincial or federal commemorative or interpretive plaque (based on site investigation)?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of the questions in #1, a <u>CHER</u> is required (Go to question #5)		If <b>NO</b> , continue to Question 2.		
2. Has the culvert been considered and screened out as having no, or minimal, potential heritage value in one of the following, where the results of those studies are still valid:				
a. The 1945 – 1965 (Shiple) Study?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The MTO Heritage Screening Report for Structural Culverts?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. By another comprehensive screening study? (Describe nature of screening study).			<input type="checkbox"/>	<input checked="" type="checkbox"/>

If <b>YES</b> to questions in #2, a CHER is <u>not</u> required (Go to question #5)		If <b>NO</b> , continue to Question 3.	
3. As an indication that the culvert is based on a standard design, is the culvert:		Yes	No
a. A single cell open footing rectangular concrete culvert with individual spans less than or equal to 6.1m, and constructed after 1920.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. A 1, 2, and 3 cell concrete culverts with individual spans less than or equal to 6.1m, and constructed after 1930.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. A concrete arch culvert with span less than or equal to 9.1m, and constructed after 1930.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. A CSP or Multi-Plate steel culvert with individual spans less than or equal to 6.1m.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. A single or multi-cell timber culvert with spans less than or equal to 2.4m.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of the questions in #3, a CHER is <u>not</u> required (Go to question #5)		If <b>NO</b> , continue to Question 4.	
4. Is the culvert known to:			
a. Have a unique or complex design feature(s) that demonstrate a high degree of technical merit (i.e. complex or unique technical designs, one-of-a-kind structure in the Region, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have significant aesthetic value with elements demonstrating a high degree of craftsmanship (i.e. prominent keystone, embossment, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Have a special direct association with a community, person, historical event, or cultural heritage landscape (i.e. prominent designer, significant event, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Have landmark value in the local community or contains features that are important in defining the character of the area (i.e. is structure featured locally – literature, monuments, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of questions in #4, a CHER <u>is</u> required.		If <b>NO</b> , a CHER is <u>not</u> required	
5. Based on above questions, is a CHER likely required? <i>Pending results of CHER, process for Heritage Structures outlined in the Ontario Heritage Bridge Guidelines (OHBG) may be required, including completion of a Heritage Impact Assessment (HIA).</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes, Approval of Manager of Engineering required	Signature:	Date:	
If the above screening concludes that a CHER is not required, there is low potential for built heritage or cultural heritage landscape value of the culvert. This form, and any supporting documentation demonstrating how the conclusions were arrived at, shall be maintained on file. If a CHER is required, it means that further investigation into potential Heritage value is required. It does not mean that it is a Heritage Property.			

Other Supporting Information, comments, etc.:

The Ramsay Creek culvert has been determined to have no cultural heritage value or interest. The structure is constructed of a common corrugated steel pipe which is not notable on the landscape or associated with a particular event, community, person or designer.

<b>Structure Name:</b> Green's Creek Culvert WBL				
<b>Structure Location:</b> Highway 417, 550m south of Walkley Road Interchange				
<b>MTO Site #:</b> 3-313/C2		<b>Year/Decade Built:</b> 1973		
<b>Form Completed By:</b> Stephen Jarrett		<b>Office:</b> WSP Canada Inc	<b>Date:</b> Feb 1, 2018	
 <p>Figure 1: Culverts Elevation</p>		 <p>Figure 2: Culverts from Roadway</p>		
Screening Questions			Yes	No
1. Is the culvert known to be:				
a. Identified as a Heritage Bridge in the Heritage Bridge List (from Ministry of Culture Website – still under development, or from OHBG)?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. A National Historic Site (or part thereof) ( <a href="http://www.pc.gc.ca/eng/progs/lhn-nhs/index.aspx">http://www.pc.gc.ca/eng/progs/lhn-nhs/index.aspx</a> )?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Subject of a municipal, provincial or federal commemorative or interpretive plaque (based on site investigation)?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of the questions in #1, a CHER <u>is</u> required (Go to question #5)		If <b>NO</b> , continue to Question 2.		
2. Has the culvert been considered and screened out as having no, or minimal, potential heritage value in one of the following, where the results of those studies are still valid:				
a. The 1945 – 1965 (Shiple) Study?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The MTO Heritage Screening Report for Structural Culverts?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. By another comprehensive screening study? (Describe nature of screening study).			<input type="checkbox"/>	<input checked="" type="checkbox"/>

If <b>YES</b> to questions in #2, a CHER is <u>not</u> required (Go to question #5)		If <b>NO</b> , continue to Question 3.	
3. As an indication that the culvert is based on a standard design, is the culvert:		Yes	No
a. A single cell open footing rectangular concrete culvert with individual spans less than or equal to 6.1m, and constructed after 1920.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. A 1, 2, and 3 cell concrete culverts with individual spans less than or equal to 6.1m, and constructed after 1930.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. A concrete arch culvert with span less than or equal to 9.1m, and constructed after 1930.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. A CSP or Multi-Plate steel culvert with individual spans less than or equal to 6.1m.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. A single or multi-cell timber culvert with spans less than or equal to 2.4m.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of the questions in #3, a CHER is <u>not</u> required (Go to question #5)		If <b>NO</b> , continue to Question 4.	
4. Is the culvert known to:			
a. Have a unique or complex design feature(s) that demonstrate a high degree of technical merit (i.e. complex or unique technical designs, one-of-a-kind structure in the Region ,etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have significant aesthetic value with elements demonstrating a high degree of craftsmanship (i.e. prominent keystone, embossment, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Have a special direct association with a community, person, historical event, or cultural heritage landscape (i.e. prominent designer, significant event, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Have landmark value in the local community or contains features that are important in defining the character of the area (i.e. is structure featured locally – literature, monuments, etc.)?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If <b>YES</b> to any of questions in #4, a CHER <u>is</u> required.		If <b>NO</b> , a CHER is <u>not</u> required	
5. Based on above questions, is a CHER likely required? <i>Pending results of CHER, process for Heritage Structures outlined in the Ontario Heritage Bridge Guidelines (OHBG) may be required, including completion of a Heritage Impact Assessment (HIA).</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes, Approval of Manager of Engineering required	Signature:	Date:	
If the above screening concludes that a CHER is not required, there is low potential for built heritage or cultural heritage landscape value of the culvert. This form, and any supporting documentation demonstrating how the conclusions were arrived at, shall be maintained on file. If a CHER is required, it means that further investigation into potential Heritage value is required. It does not mean that it is a Heritage Property.			

Other Supporting Information, comments, etc.:

The Green's Creek culvert (WBL) has been determined to have no cultural heritage value or interest. The structure consists of a common multi-plate steel culvert which is not visible on the landscape or associated with a particular event, community, person or designer.