





# Municipal Heritage Bridges Cultural, Heritage and Archaeological Resources Assessment Checklist Revised April 11, 2014

This checklist was prepared in March 2013 by the Municipal Engineers Association to assist with determining the requirements to comply with the Municipal Class Environmental Assessment. View all 4 parts of the module on Structures Over 40 Years at <a href="https://www.municipalclassea.ca">www.municipalclassea.ca</a> to assist with completing the checklist.

Project Name: Three Grand River Crossing EA – Lorne Bridge

Location: Colborne Street West, 25m southwest of Brant Ave, Brantford

Municipality: City of Brantford
Project Engineer: Jack Turner, P.Eng.

Checklist completed by: Simon Green
Date: 2021-06-08

NOTE: Complete all sections of Checklist. Both Cultural Heritage and Archaeological Sections must be satisfied before proceeding.

#### Part A - Municipal Class EA Activity Selection

Description	Yes	No
Will the proposed project involve or result in construction of new water crossings? This includes ferry docks.	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new grade separation?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new underpasses or overpasses for pedestrian recreational or agricultural use?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new interchanges between any two roadways, including a grade separation and ramps to connect the two roadways?	□ Schedule B or C	☑ Next

Description	Yes	No
Will the proposed project involve or result in reconstruction of a water crossing where the structure is less than 40 years old and the reconstructed facility will be for the same purpose, use, capacity and at the same location? (Capacity refers to either hydraulic or road capacity.) This include ferry docks.	□ Schedule A+	☑ Next
Will the proposed project involve or result in reconstruction of a water crossing, where the reconstructed facility will not be for the same purpose, use, capacity or at the same location? (Capacity refers to either hydraulic or road capacity). This includes ferry docks.	✓ Schedule B or C  Proceed to Part B	□ Next
Will the proposed project involve or result in reconstruction or alteration of a structure or the grading adjacent to it when the structure is over 40 years old where the proposed work will alter the basic structural system, overall configuration or appearance of the structure?	□ Next	□ Assess Archaeological Resources

### Part B - Cultural Heritage Assessment

Description	Yes	No
Does the proposed project involve a bridge construction in or after 1956?	□ Next	✓ Prepare CHER Undertake HIA Proceed to Part C
Does the project involve one of these four bridge types?	□ Rigid frame Next □ Precast with	□ Prepare CHER Undertake HIA
anoso four bridge types:	Concrete Deck Next  Culvert or	Ondertake FinA
	Simple Span Next  Steel Bean/	
	Concrete Deck Next	

Description	Yes	No
Does the bridge or study area contain a parcel of land that is subject of a covenant or agreement between the owner of the property and a conservation body or level of government?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is listed on a register or inventory of heritage properties maintained by the municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is designated under Part IV of the Ontario Heritage Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a notice of intention to designate issued by a municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is located within a designated Heritage Conservation District?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a Heritage Conservation District study area by-law?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is included in the Ministry of Tourism, Culture and Sport's list of provincial heritage properties?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a National Historic Site?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	□ Prepare CHER Undertake HIA	_ Next

Description	Yes	No
Does the bridge or study area contain a parcel of land that is designated under the Heritage Railway Station Protection Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is identified as a Federal Heritage Building by the Federal Heritage Building Review Office (FHBRO)	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is the subject of a municipal, provincial or federal commemorative or interpretive plaque that speaks to the Historical significance of the bridge?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is in a Canadian Heritage River watershed?	□ Prepare CHER Undertake HIA	□ Next
Will the project impact any structures or sites (not bridges) that are over forty years old, or are important to defining the character of the area or that are considered a landmark in the local community?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge or study area adjacent to a known burial site and/or cemetery?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge considered a landmark or have a special association with a community, person or historical event in the local community?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain or is it part of a cultural heritage landscape?	□ Prepare Cher Undertake HIA	□ Assess Archaeological Resources

#### **PART C - HERITAGE ASSESSMENT**

Description	Yes	No
Does the Cultural Heritage Evaluation Report identify any Heritage Features on the project?	☑ Undertake HIA	□ Part D - Archaeological Resources
Does the Heritage Impact Assessment determine that the proposed project will impact any	✓ Schedule B or C  Proceed as Schedule C	□ Part D - Archaeological Resources
of the Heritage Features that have been identified?	Activity, Proceed to Part D	

#### PART D - ARCHAEOLOGICAL RESOURCES ASSESSMENT

Description		Yes		No
Will any activity, related to the project, result in land impacts/significant ground disturbance?	V	Next		Schedule A - proceed
Have all areas, to be impacted by ground disturbing activities, been subjected to recent extensive and intensive disturbances and to depths greater than the depths of the proposed activities?		Schedule A – proceed	V	Next
Has an archaeological assessment previously been carried out that includes all of the areas to be impacted by this project?		Next		Archaeological Assessment
Does the report on that previous archaeological assessment recommend that no further archaeological assessment is required within the limits of the project for which that assessment was undertaken, and has a letter been issued by the Ministry of Tourism, Culture and Sport stating that the report has been entered into the Ontario Public Register of Archaeological Reports?		Schedule A - proceed	V	Obtain satisfaction letter - proceed

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Project Name: Three Grand River Crossing EA – Brant's Crossing Bridge

Location: 100m East of Intersection of Ballantyne Drive and Colborne Street

West, Brantford

Municipality: City of Brantford

Project Engineer: Jack Turner, P.Eng.

Checklist completed by: Simon Green
Date: 2021-06-08

NOTE: Complete all sections of Checklist. Both Cultural Heritage and Archaeological Sections must be satisfied before proceeding.

#### Part A - Municipal Class EA Activity Selection

Description	Yes	No
Will the proposed project involve or result in construction of new water crossings? This includes ferry docks.	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new grade separation?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new underpasses or overpasses for pedestrian recreational or agricultural use?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new interchanges between any two roadways, including a grade separation and ramps to connect the two roadways?	□ Schedule B or C	☑ Next

Description	Yes	No
Will the proposed project involve or result in reconstruction of a water crossing where the structure is less than 40 years old and the reconstructed facility will be for the same purpose, use, capacity and at the same location? (Capacity refers to either hydraulic or road capacity.) This include ferry docks.	□ Schedule A+	☑ Next
Will the proposed project involve or result in reconstruction of a water crossing, where the reconstructed facility will not be for the same purpose, use, capacity or at the same location? (Capacity refers to either hydraulic or road capacity). This includes ferry docks.	✓ Schedule B or C  Proceed to Part B	□ Next
Will the proposed project involve or result in reconstruction or alteration of a structure or the grading adjacent to it when the structure is over 40 years old where the proposed work will alter the basic structural system, overall configuration or appearance of the structure?	□ Next	□ Assess Archaeological Resources

### Part B - Cultural Heritage Assessment

Description	Yes	No
Does the proposed project involve a bridge construction in or after 1956?	□ Next	✓ Prepare CHER Undertake HIA Proceed to Part C
Does the project involve one of these four bridge types?	☐ Rigid frame Next ☐ Precast with Concrete Deck Next	□ Prepare CHER Undertake HIA
	□ Culvert or Simple Span Next	
	□ Steel Bean/ Concrete Deck Next	

Description	Yes	No
Does the bridge or study area contain a parcel of land that is subject of a covenant or agreement between the owner of the property and a conservation body or level of government?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is listed on a register or inventory of heritage properties maintained by the municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is designated under Part IV of the Ontario Heritage Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a notice of intention to designate issued by a municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is located within a designated Heritage Conservation District?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a Heritage Conservation District study area by-law?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is included in the Ministry of Tourism, Culture and Sport's list of provincial heritage properties?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a National Historic Site?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	□ Prepare CHER Undertake HIA	_ Next

Description	Yes	No
Does the bridge or study area contain a parcel of land that is designated under the Heritage Railway Station Protection Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is identified as a Federal Heritage Building by the Federal Heritage Building Review Office (FHBRO)	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is the subject of a municipal, provincial or federal commemorative or interpretive plaque that speaks to the Historical significance of the bridge?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is in a Canadian Heritage River watershed?	□ Prepare CHER Undertake HIA	□ Next
Will the project impact any structures or sites (not bridges) that are over forty years old, or are important to defining the character of the area or that are considered a landmark in the local community?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge or study area adjacent to a known burial site and/or cemetery?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge considered a landmark or have a special association with a community, person or historical event in the local community?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain or is it part of a cultural heritage landscape?	□ Prepare Cher Undertake HIA	□ Assess Archaeological Resources

#### **PART C - HERITAGE ASSESSMENT**

Description	Yes	No
Does the Cultural Heritage Evaluation Report identify any Heritage Features on the project?	☑ Undertake HIA	□ Part D - Archaeological Resources
Does the Heritage Impact Assessment determine that the proposed project will impact any of the Heritage Features that have been identified?	Schedule B or C  Proceed as Schedule C  Activity, Proceed to Part D	□ Part D - Archaeological Resources

#### PART D - ARCHAEOLOGICAL RESOURCES ASSESSMENT

Description	Yes			No
Will any activity, related to the project, result in land impacts/significant ground disturbance?	V	Next		Schedule A - proceed
Have all areas, to be impacted by ground disturbing activities, been subjected to recent extensive and intensive disturbances and to depths greater than the depths of the proposed activities?		Schedule A – proceed	V	Next
Has an archaeological assessment previously been carried out that includes all of the areas to be impacted by this project?		Next		Archaeological Assessment
Does the report on that previous archaeological assessment recommend that no further archaeological assessment is required within the limits of the project for which that assessment was undertaken, and has a letter been issued by the Ministry of Tourism, Culture and Sport stating that the report has been entered into the Ontario Public Register of Archaeological Reports?		Schedule A - proceed	<b>V</b>	Obtain satisfaction letter - proceed

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Project Name: Three Grand River Crossing EA – TH&B Crossing Bridge

Location: 100m East of Intersection of Walnut Street and Gilkison Street,

Brantford

Municipality: City of Brantford
Project Engineer: Jack Turner, P.Eng.

Checklist completed by: Simon Green
Date: 2021-06-08

NOTE: Complete all sections of Checklist. Both Cultural Heritage and Archaeological Sections must be satisfied before proceeding.

#### Part A - Municipal Class EA Activity Selection

Description	Yes	No
Will the proposed project involve or result in construction of new water crossings? This includes ferry docks.	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new grade separation?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new underpasses or overpasses for pedestrian recreational or agricultural use?	□ Schedule B or C	☑ Next
Will the proposed project involve or result in construction of new interchanges between any two roadways, including a grade separation and ramps to connect the two roadways?	□ Schedule B or C	☑ Next

Description	Yes	No
Will the proposed project involve or result in reconstruction of a water crossing where the structure is less than 40 years old and the reconstructed facility will be for the same purpose, use, capacity and at the same location? (Capacity refers to either hydraulic or road capacity.) This include ferry docks.	□ Schedule A+	☑ Next
Will the proposed project involve or result in reconstruction of a water crossing, where the reconstructed facility will not be for the same purpose, use, capacity or at the same location? (Capacity refers to either hydraulic or road capacity). This includes ferry docks.	✓ Schedule B or C  Proceed to Part B	□ Next
Will the proposed project involve or result in reconstruction or alteration of a structure or the grading adjacent to it when the structure is over 40 years old where the proposed work will alter the basic structural system, overall configuration or appearance of the structure?	□ Next	□ Assess Archaeological Resources

### Part B - Cultural Heritage Assessment

Description	Yes	No
Does the proposed project involve a bridge construction in or after 1956?	□ Next	✓ Prepare CHER Undertake HIA Proceed to Part C
Does the project involve one of these four bridge types?	□ Rigid frame Next	□ Prepare CHER Undertake HIA
	Concrete Deck Next  Culvert or	
	Simple Span Next □ Steel Bean/	
	Concrete Deck Next	

Description	Yes	No
Does the bridge or study area contain a parcel of land that is subject of a covenant or agreement between the owner of the property and a conservation body or level of government?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is listed on a register or inventory of heritage properties maintained by the municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is designated under Part IV of the Ontario Heritage Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a notice of intention to designate issued by a municipality?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is located within a designated Heritage Conservation District?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is subject to a Heritage Conservation District study area by-law?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is included in the Ministry of Tourism, Culture and Sport's list of provincial heritage properties?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a National Historic Site?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is part of a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	□ Prepare CHER Undertake HIA	_ Next

Description	Yes	No
Does the bridge or study area contain a parcel of land that is designated under the Heritage Railway Station Protection Act?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is identified as a Federal Heritage Building by the Federal Heritage Building Review Office (FHBRO)	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is the subject of a municipal, provincial or federal commemorative or interpretive plaque that speaks to the Historical significance of the bridge?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain a parcel of land that is in a Canadian Heritage River watershed?	□ Prepare CHER Undertake HIA	□ Next
Will the project impact any structures or sites (not bridges) that are over forty years old, or are important to defining the character of the area or that are considered a landmark in the local community?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge or study area adjacent to a known burial site and/or cemetery?	□ Prepare CHER Undertake HIA	□ Next
Is the bridge considered a landmark or have a special association with a community, person or historical event in the local community?	□ Prepare CHER Undertake HIA	□ Next
Does the bridge or study area contain or is it part of a cultural heritage landscape?	□ Prepare Cher Undertake HIA	□ Assess Archaeological Resources

#### **PART C - HERITAGE ASSESSMENT**

Description	Yes	No
Does the Cultural Heritage Evaluation Report identify any Heritage Features on the project?	☑ Undertake HIA	□ Part D - Archaeological Resources
Does the Heritage Impact Assessment determine that the proposed project will impact any of the Heritage Features that have been identified?	Schedule B or C  Proceed as Schedule C  Activity, Proceed to Part D	□ Part D - Archaeological Resources

#### PART D - ARCHAEOLOGICAL RESOURCES ASSESSMENT

Description	Yes			No
Will any activity, related to the project, result in land impacts/significant ground disturbance?	V	Next		Schedule A - proceed
Have all areas, to be impacted by ground disturbing activities, been subjected to recent extensive and intensive disturbances and to depths greater than the depths of the proposed activities?		Schedule A – proceed	V	Next
Has an archaeological assessment previously been carried out that includes all of the areas to be impacted by this project?		Next		Archaeological Assessment
Does the report on that previous archaeological assessment recommend that no further archaeological assessment is required within the limits of the project for which that assessment was undertaken, and has a letter been issued by the Ministry of Tourism, Culture and Sport stating that the report has been entered into the Ontario Public Register of Archaeological Reports?		Schedule A - proceed	<b>V</b>	Obtain satisfaction letter - proceed