

6.0 POTENTIAL EFFECTS TO CULTURAL HERITAGE RESOURCES

6.1 Introduction

The conservation of cultural heritage resources in planning is considered to be a matter of public interest. Cultural heritage landscapes and principal, above-ground built heritage features older than forty years within and adjacent to the study area were identified. Generally, infrastructure improvements have the potential to adversely affect cultural heritage landscapes and built heritage features by displacement and/or disruption during, as well as after construction. Built heritage features and/or cultural heritage landscapes may experience displacement, i.e., removal, if they are located within the right-of-way of the undertaking. There may also be potential for disruption, or indirect impacts, to cultural heritage resources by the introduction of physical, visual, audible or atmospheric elements that are not in keeping with their character and, or setting.

6.2 Preliminary Preferred Alternative Routes

Hanlan Feedermain

The preliminary preferred route for the Hanlan Feedermain (**Figure 3**) is, for the most part located within the road right-of-way and will involve some tunnelling. It runs from the Hanlan Reservoir and Pumping Station site southward along Route 1: Tomken Road to Eastgate Parkway, then east to Dixie Road and southward along Route 2: Dixie Road to the TRCA owned property, known as the Arsenal Lands, located south of Lakeshore Road East at Dixie Road and then westward to the Lakeview Water Treatment Plant.

MCC Watermain

The preliminary preferred route for the MCC Watermain is located within the road right-of-way and will require some tunneling. It follows Tomken Road south from the Hanlan Reservoir and Pumping Station site to Eastgate Parkway, and then proceeds west of Eastgate Parkway to Cawthra Road and south on Cawthra Road to Rathburn Road (or Burnhamthorpe Road East). A map of the MCC Watermain preliminary preferred alternative route was not available for this report.

6.3 Direct Impacts

Hanlan Feedermain

There are no direct impacts, i.e., displacement or removal, of built heritage resource and/or cultural heritage landscapes as a result of the proposed preliminary preferred route for the Hanlan Feedermain.

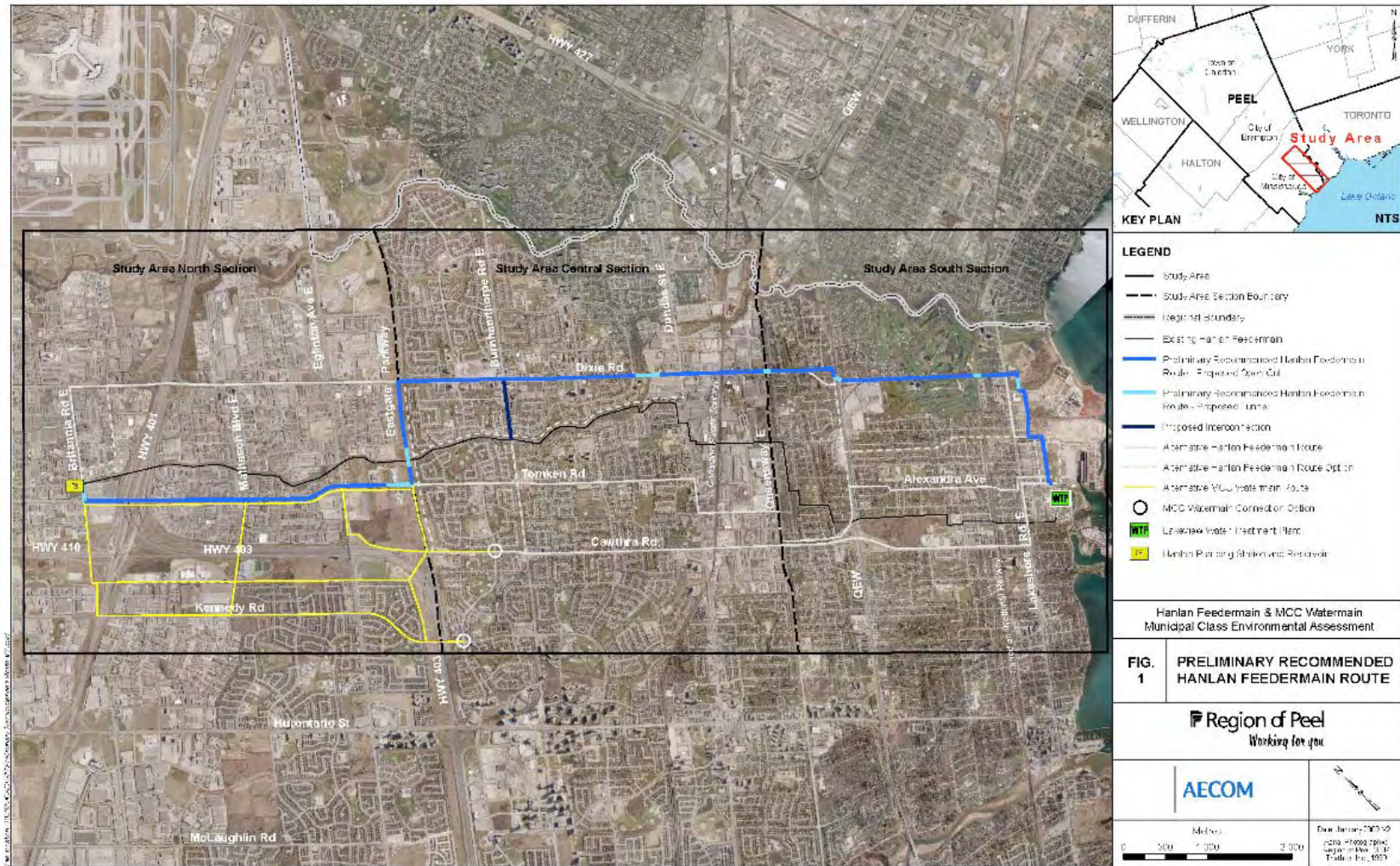


Figure 3. Hanlan Feedermain Preliminary Preferred Alternative Route.

MCC Watermain

There are no direct impacts, i.e., displacement or removal, of built heritage resource and/or cultural heritage landscapes as a result of the proposed preliminary preferred route for the Hanlan Feedermain.

6.4 Indirect Impacts

Hanlan Feedermain

There may be some short term indirect impacts to built heritage resource and/or cultural heritage landscapes along the preliminary preferred route for the Hanlan Feedermain during construction activities due to the introduction of physical, visual, audible or atmospheric elements that may not be in keeping with their character and, or setting.

There may be higher impacts to the identified residence at 1137 Dixie Road (**Table 2: BHR 12**) due to construction activities associated with the proposed construction laydown area on the east side of Dixie Road in front of the identified built heritage feature. The residence located at 1047 Dixie Road (**Table 2: CHL 15**), which is a municipally listed property, may be affected by construction activities associated with the laydown area as well.

South of Lakeshore Road East at Dixie Road, the preliminary preferred route for the Hanlan Feedermain traverses the Arsenal Lands (**Table 2: CHL 19**), a municipally inventoried cultural heritage landscape. The Smallarms Limited Building (**Table 2: BHR 18**), a municipally listed building located at 1352 Lakeshore Road, is located within this landscape. There is potential for high disruption impacts to the Smallarms Limited Building due to construction activities associated with proposed laydown areas to the east in a former parking lot and a laydown area immediately south of the building in a parking lot, a proposed haul route, a proposed tunnel route immediately east and south of the building and the preliminary preferred route for the Hanlan Feedermain that runs across the property at Lakeshore Road East and down the west side of the building to an tunnel entrance/exit location. There is also potential for high disruption impacts to the character and setting of the Arsenal Lands.

The TRCA, the owner of the Smallarms Limited Building, has applied for demolition of the building. The TRCA prepared and submitted a Heritage Impact Statement (HIS) to the City that recommended the property should be municipally designated. The City requested more than the standard 60-day waiting period, and the TRCA agreed it would withhold demolition for 120 days, which ends on July 8, 2009. Recently City Council adopted a heritage designation recommendation for both the Small Arms building and adjacent water tower, and the City published a notice of intention to designate in May 2009.

The proposed preliminary preferred route may affect part of the Waterfront Trail (**Table 2: CHL 23**) for the Hanlan Feedermain.

MCC Watermain

There may be some short term indirect impacts to built heritage resource and/or cultural heritage landscapes during construction activities due to the introduction of physical, visual, audible or atmospheric elements that are not in keeping with their character and, or setting.

7.0 MITIGATION RECOMMENDATIONS

The proposed undertaking should not adversely affect cultural heritage resources, and intervention should be managed in such a way that its impact is sympathetic with the value of the resources. When the nature of the undertaking is such that adverse impacts are unavoidable it may be necessary to implement management or mitigation strategies that alleviate the deleterious effects to cultural heritage resource. Mitigation is the process of causing lessening or negating anticipated adverse impacts to cultural heritage resources. It may include such actions as avoidance, monitoring, protection, relocation, documentation, salvage, remedial landscaping, etc., and may be a temporary or permanent action.

General mitigation recommendations for the detail design phase include:

- construction lay down areas and haul routes for the project should be placed to avoid identified built heritage resources or cultural heritage landscapes; and,
- every effort should be made to reduce vibration impacts to built heritage resources identified in this report.

The Heritage Impact Statement (HIS) prepared for the TRCA and presented to the City of Mississauga for the Smallarms Limited Building included a comprehensive description of the site and surrounding lands, with a recommendation for heritage designation. Therefore, documentation of the site has been fulfilled. The following mitigation measures are recommended for the Arsenal Lands (**Table 2: CHL 19**) and the former Smallarms Limited Building (**Table 2: BHR 18**) located at 1352 Lakeshore Road East;

- construction lay down areas and haul routes for the project should be placed to avoid the built heritage resources noted in the site description of the Arsenal Lands (L-IND-3) (**Table 2: CHL 19**) contained in the City's *Cultural Landscape Inventory*, namely, the perimeter fence, water tower, administrative building (Smallarms Limited building/OPG) (**Table 2: BHR 18**), rifle range and semi-subterranean rifle range mentioned in the site description.
- After construction activities have been concluded, the disturbed landscape should be restored in consultation with the City Heritage Planner, if Council approves the municipal designation.

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Maps

Map of Toronto Township. *Illustrated Historical Atlas of the County of Peel, Canada West*. Toronto: Walker & Miles, 1877.

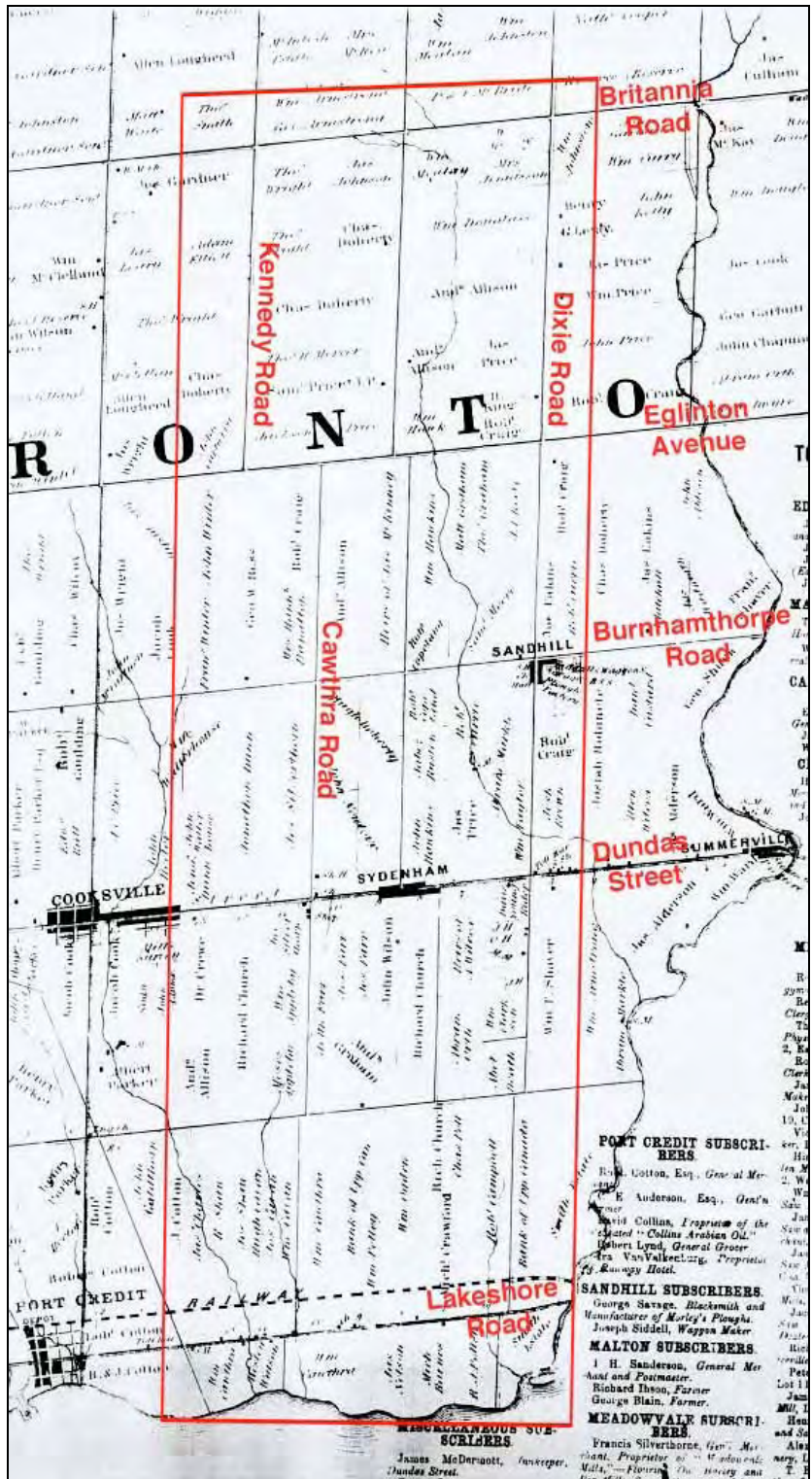
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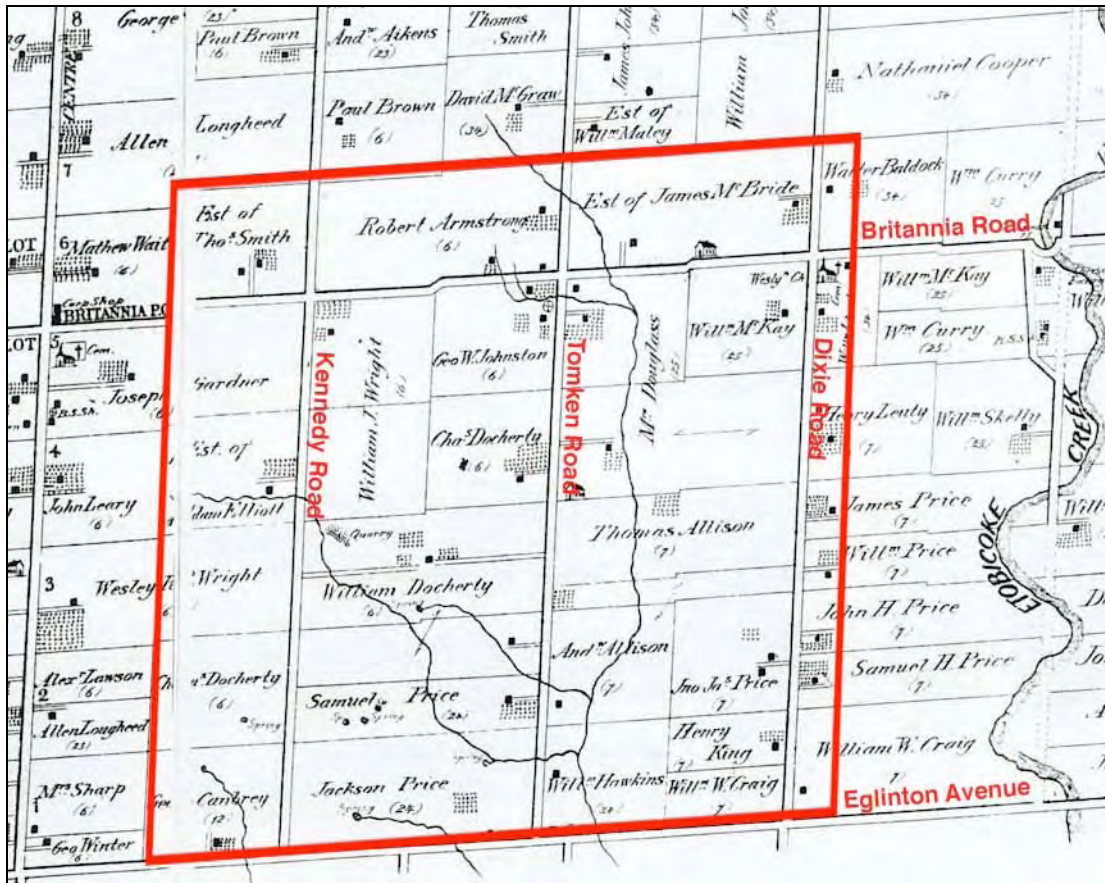
Contacts

Mark Warrack, Heritage Planner, City of Mississauga.

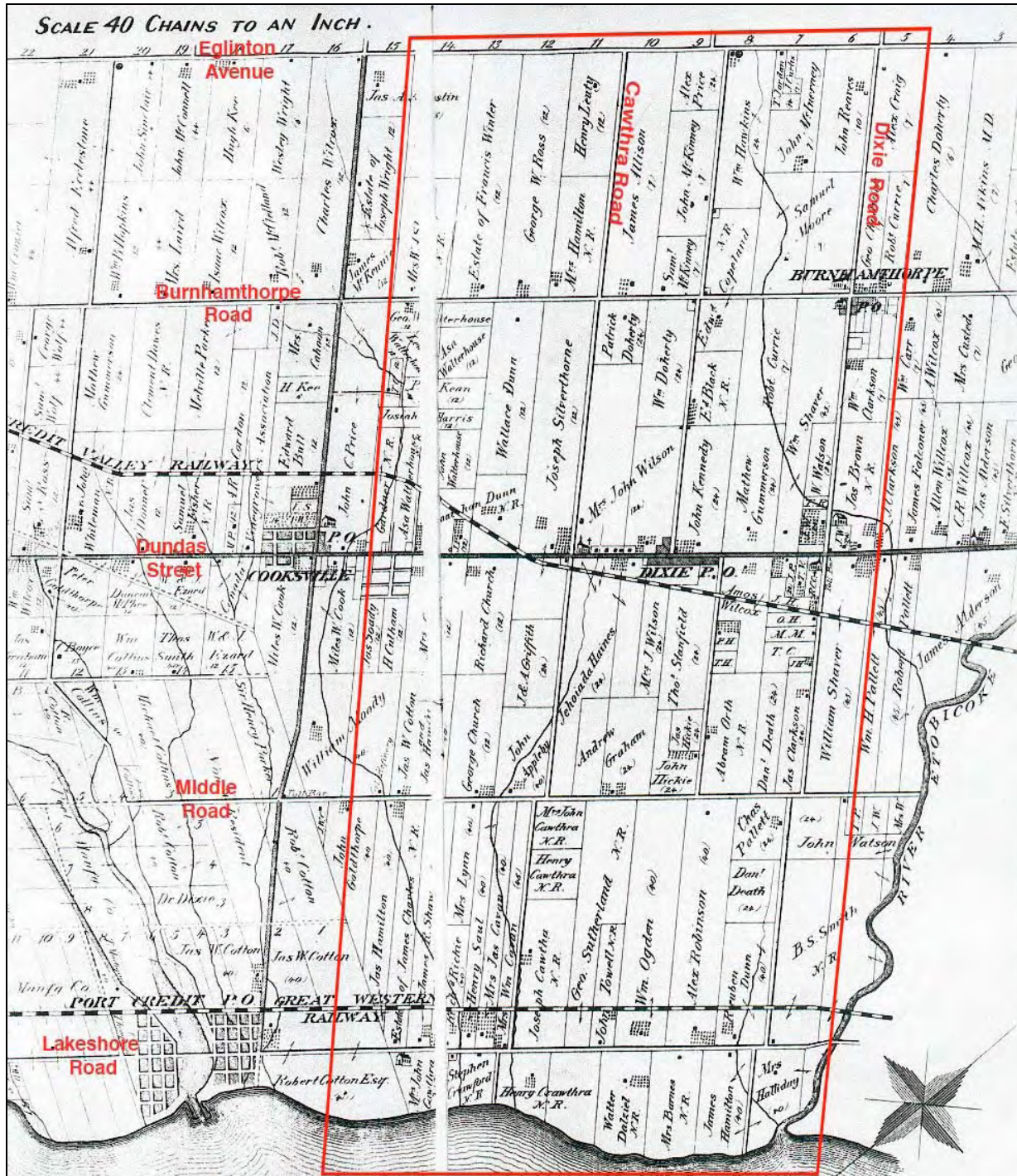
**APPENDIX A:
Historical Maps**



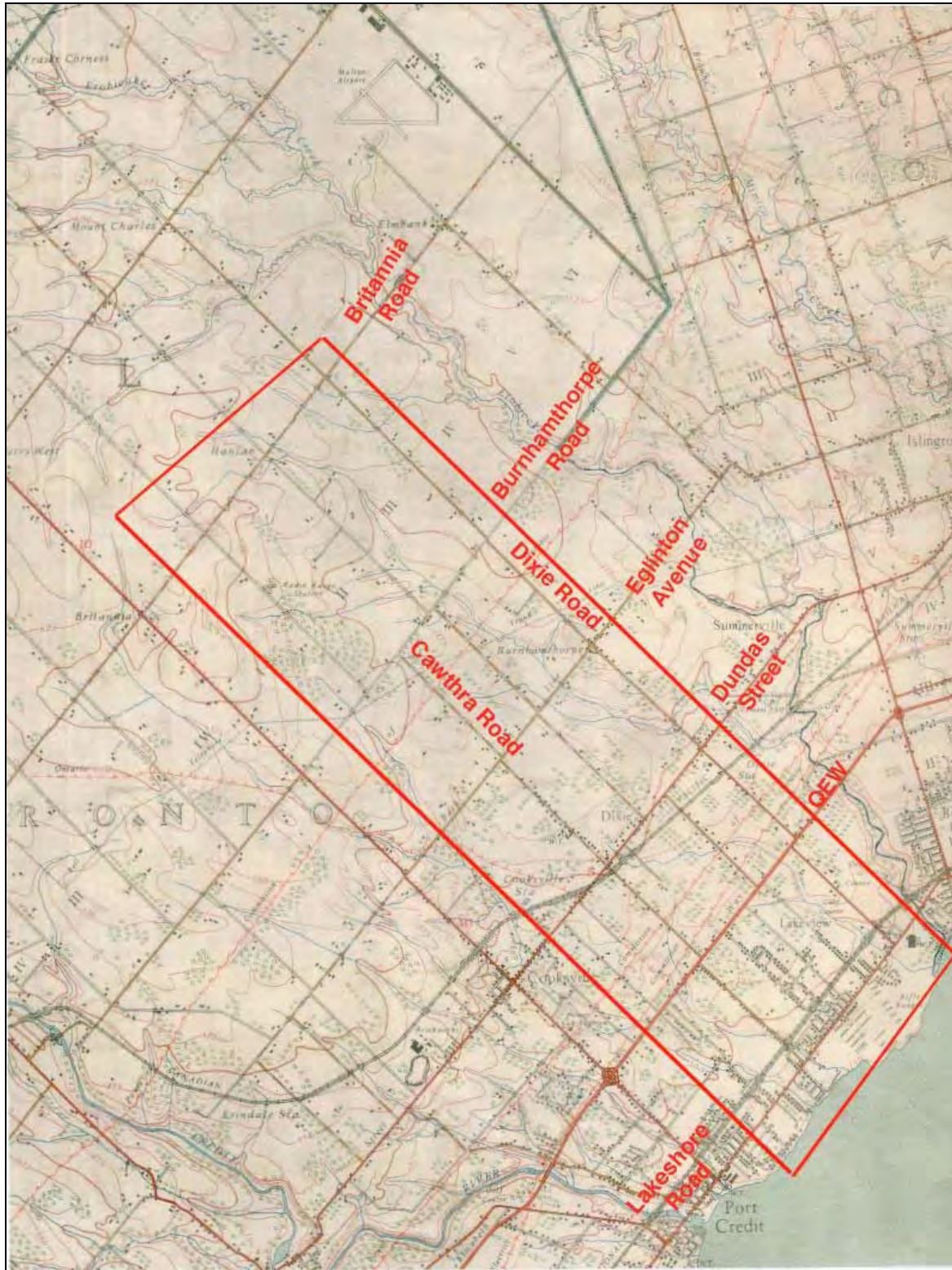
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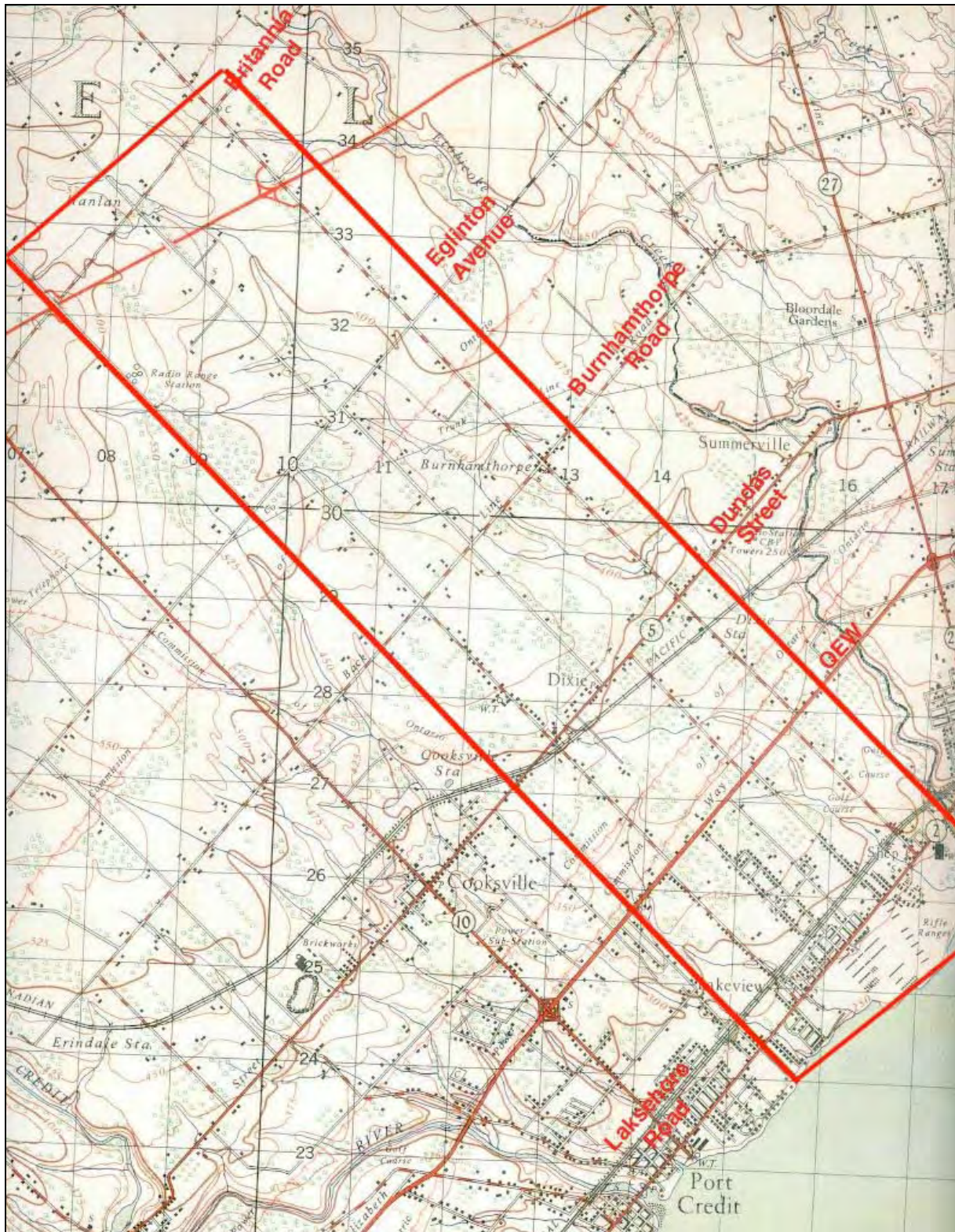
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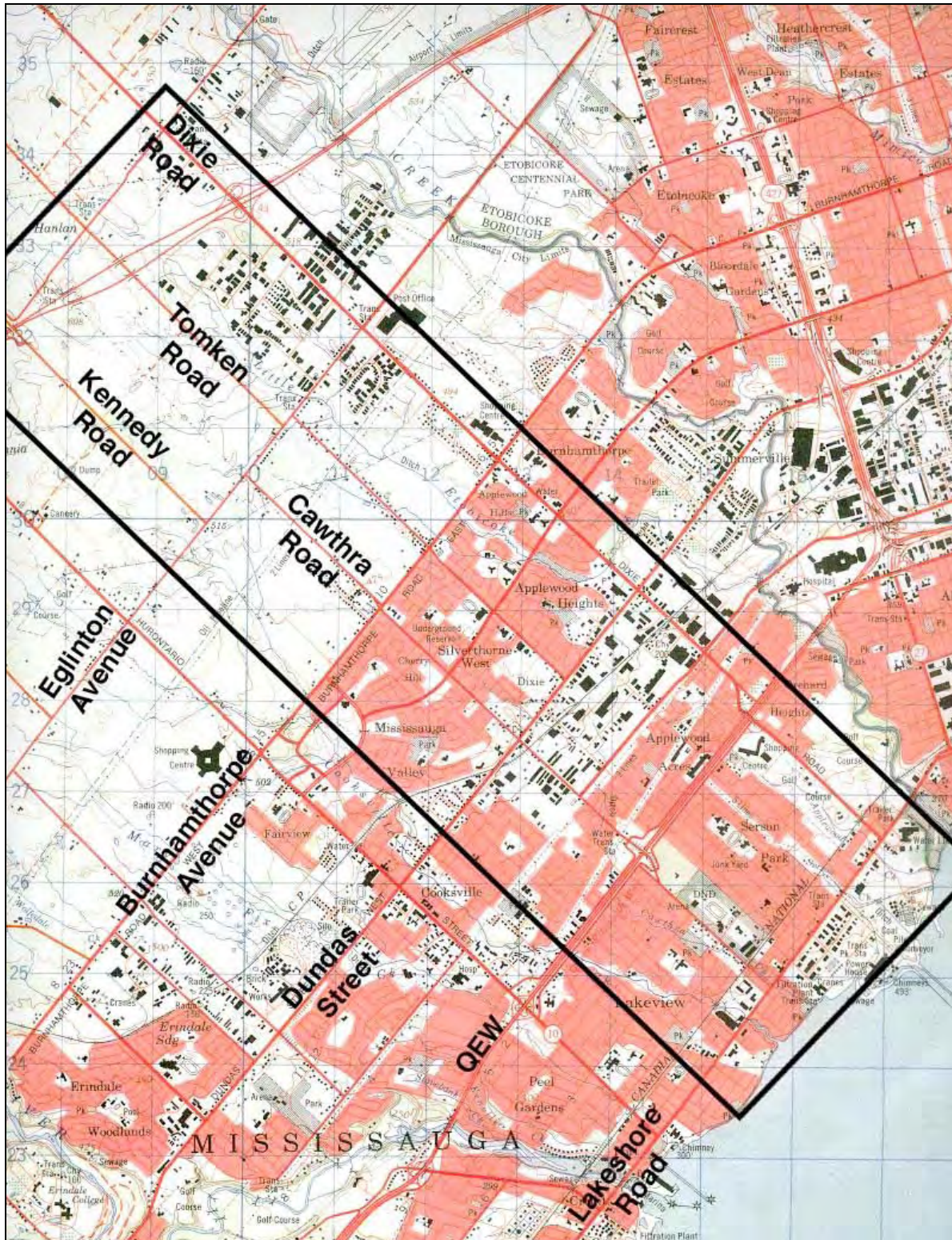
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