

# ARCHAEOLOGICAL MANAGEMENT PLAN



*Presented by – Harsh Padhya, Heritage Planner, City Planning & Design.*

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- The Tk'emlúps te Secwépemc First Nation have revealed that remains of 215 children were buried on the former Kamloops Residential School grounds site, but identified it as a mass grave. The 751 unmarked graves on the former Marieval school grounds at Cowessess First Nation include adult graves as well as children.
- Our deepest condolences to the First Nations community in Tk'emlúps te Secwépemc Territory and to the Cowessess First Nation community, and to all Indigenous peoples grieving this troubling and heart wrenching news.
- We honour the survivors, families, and children who never returned home.

# WHAT IS ARCHAEOLOGY?

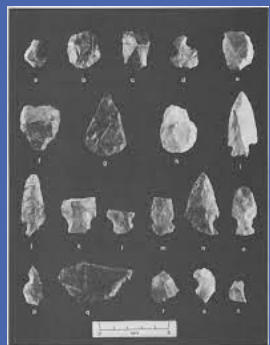
Study of past human cultures through the investigation of archaeological sites. In Ontario, these sites can be:

- Indigenous hunting camps and villages
  - Battlefields
  - Pioneer homes
  - Burial grounds and cemeteries
  - Shipwrecks, Plane-crash
  - Other evidence of past human activity
- 
- Ministry of Heritage, Sports, Tourism and Culture Industries (MHSTCI) enforces Part VI of the *Ontario Heritage Act*.
  - Determines priorities, policies and programs for conservation of archaeological resources determined to have cultural heritage value.

# ARCHAEOLOGICAL PERIODS

## A Simplified Timeline of Human Occupation of Ontario

Period	Years Before Present	Dates BC/AD	Features
Paleo-Indian	12,000 to 10,000	10,000 – 8,000 BC	Nomadic, small groups, distinctive stone tools
Archaic	10,000 to 3,000	8,000 – 900 BC	Semi-nomadic, specialized toolkits, copper use
Woodland	3,000 to 450	900 BC – 1550 AD	Settlements and villages, farming, use of pottery
Post-Contact	450 to 100	1550 – 1900 AD	Contact between European and Indigenous peoples, Fur Trade, Colonial Ontario, Industrial Ontario



## ARCHAEOLOGY SITES IN ONTARIO



### Lost Brant Site, Richmond Hill

- Evidence suggests Lake Wilcox has been a well utilized location spanning over **10,000 years**
- +9,400 artifacts and 19 features identified and recovered

### Heart Lake Conservation Area, Brampton

- Several pre-European contact archaeological sites identified within the conservation area around Heart Lake that were occupied before European contact.
- +200 stone artifacts recovered from the *Gitigaan Mashkiki* site.
- Findings suggest that the site likely served repeatedly as a camp for people hunting, fishing and gathering and may be up to **12,000 years old**.

### Backyard Excavation - Royal Rouge Trail, Toronto

- Scarborough families were surprised to learn their properties held the remains of **5,000-year old Aboriginal campsites** undisturbed beneath the layers of sod and soil.
- ~7,000 artifacts including 50 chipped stone tools, 8 body sherds from ceramic pots were excavated from the three sites
- Included excavation of a cache of **3 stone choppers**

# King Richard III's remains found in parking lot to be interred at cathedral



Pair of Canadians instrumental in testing, confirming ancestral ties to king

CBC News - Posted: Mar 24, 2015 11:00 AM ET | Last Updated: March 26, 2015

ARCHAEOLOGICAL  
RESOURCES COULD BE  
DISCOVERED IN THE  
MOST UNEXPECTED OF  
PLACES



King Richard III will be reinterred at Leicester Cathedral, nearly 530 years after his death 11:06

King Richard III is set to get a new burial place Thursday after his bones were discovered in 2012 under a Leicester parking lot, thanks to a critical Canadian connection in the historic process.

Members of the Royal Family will attend Thursday's ceremony, which will be led by Archbishop of Canterbury Justin Welby, the spiritual head of the Anglican Church.

Questions swirled about the precise location of Richard's burial site for more than 500 years until the parking lot discovery.



## WHAT TRIGGERS AN ARCHAEOLOGICAL ASSESSMENT?

- **Land development projects** (e.g. Minor Variance, Site Plan, Draft Plan, etc.)
- **Public development projects** such as power projects, highway or road construction/ extension, or sewer construction (under EA or Class EA)
- **Quarrying, forest harvesting, installing pipelines and other land use**
- **Lands owned by the province** also require archaeological assessments for subject property.

# EVALUATING ARCHAEOLOGICAL POTENTIAL

- Ministry Checklist\*(which includes but is not limited to)
  - Proximity to a Registered Archeological Site
  - Proximity to a Body of Water
  - Proximity to a known Cultural Heritage Resource
- Standards and Guidelines for Consultant Archaeologists
- Archaeological Assessment Stages
  - 1- Background Study and Property Inspection
  - 2- Property Assessment
  - 3- Site Specific Assessment
  - 4- Mitigation of Development Impacts

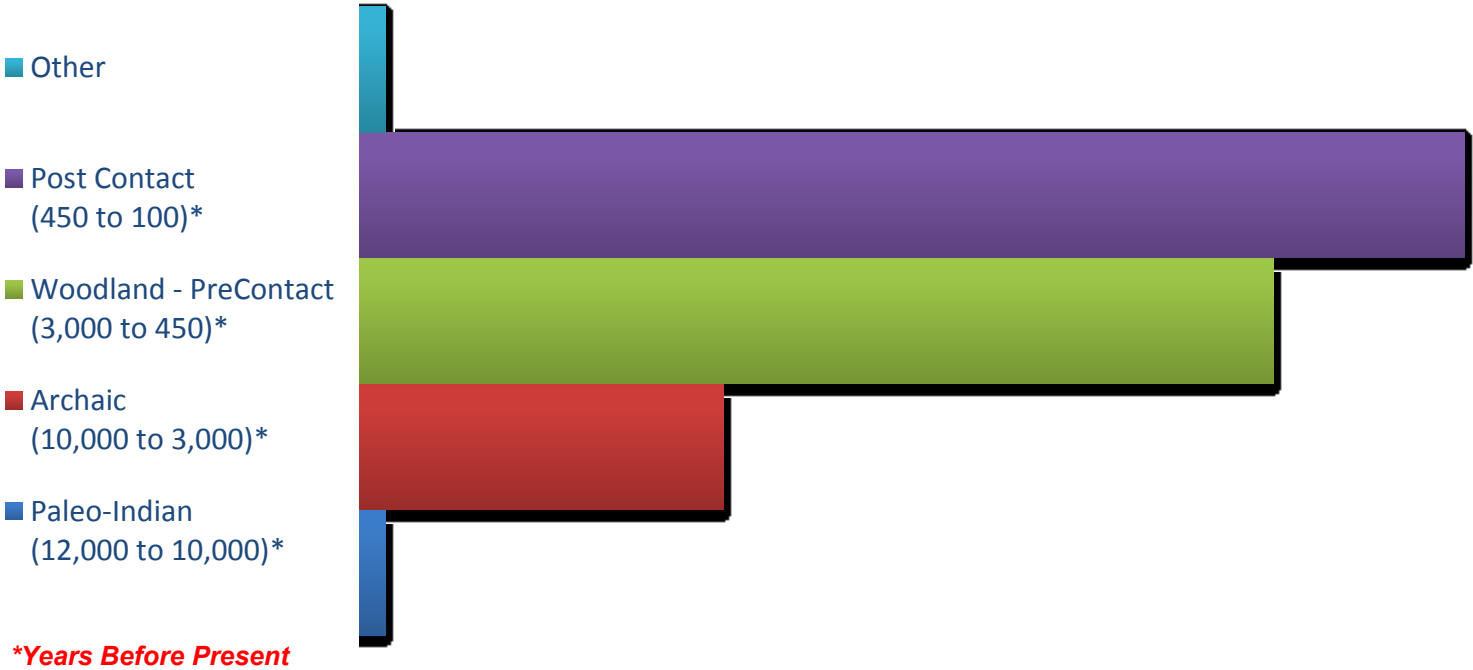


# ARCHAEOLOGICAL SITES IN BRAMPTON

*The Inventory is updated every month with addition of new archaeological assessment reports.*

**DID YOU KNOW?**  
Brampton has more than  
700 Registered Arch. Sites!

Identified Archaeological Sites in Brampton



*\*The information is confidential and internal for City of Brampton Staff and shall not be copied or shared without permission.*

## WHY DEVELOP AN ARCHEOLOGICAL MANAGEMENT PLAN?

- In southern Ontario landscape change has been occurring at an ever increasing rate since 1950s
- Results in extensive losses to the non-renewable archaeological record
- Protecting these sites has become especially important
- Provincially mandated role of municipalities in Archaeological Conservation process
- Reduces possibility of unearthing artifacts, human remains, etc. during construction stage (further delaying processes)
- Provides an effective decision making tool for Planners, City officials, property owners, developers/builders, consultants and other stakeholders
- Determining Archaeological potential:
  - Ministry's checklist for determining archaeological potential
  - ***Archaeological Management Plans***

## LEGISLATIVE FRAMEWORK

- Planning Act
- Provincial Policy Statement
- Part VI of Ontario Heritage Act - directs for Conservation of Resources of Archaeological Value
- Environmental Assessment Act
- A Place to Grow: Growth Plan for the Greater Golden Horseshoe
- Ministry of Heritage, Sport, Tourism, and Culture Industries encourages Municipalities and Regions to prepare AMPs
- Ipperwash Inquiry
- Region of Peel Official Plan (update)
- Brampton OP policy 4.10.6.5 states:

*“An **Archaeological Master Plan** shall be prepared to identify and map known archaeological sites, and areas of archaeological potential and establish policies and measures to protect them. Every endeavor shall be made to leave archaeological sites undisturbed.”*

# INDIGENOUS ENGAGEMENT

- Engagement process should be distinct and separate from the general public engagement process
- Province recognizes importance of consulting with Indigenous communities on planning matters that may affect their rights and interests
- MHSTCI's bulletin "Engaging Aboriginal Communities in Archaeology: a Draft Technical Bulletin for Consultant Archaeologists" includes standards stating that engagement must take place
- Identify communities with a potential interest in the project
- Urban Indigenous Action Plan, 2018 – Ministry of Indigenous Relations and Reconciliation
- A recent Archaeological Assessment (Stage 1) for Heritage Heights area (1,528 ha) indicates that approximately 93% of the study area is considered to exhibit potential for the presence of pre-contact archaeological resources.

# WHY NOW?

- Official Plan Review
- Integrated Downtown Plan (IDP)
- Riverwalk Project
- Heritage Heights
- Queen Street Corridor Intensification Plan
- Cultural Landscape Designation
- Uptown Development
- Secondary Plans (New/ Updates)
- Parallel Stakeholder Consultation and Engagement
- Recent Development Trends and Frequent Inquiries
- Legal risks

## AMP WILL AIM TO:

- Identify registered and unregistered archaeological sites and formulating a ***decision making tool through GIS integration***
- Produce draft ***Amendments*** to current Official Plan Review and/ or other policies
- Develop ***interdepartmental approach/ strategy*** to eradicate loss of archaeological resources at different development stages
- Provide ***Thematic Maps*** for potential Archaeology and Heritage sites/ points
- ***Plan for*** Conservation and Management of Archaeological Sites: A Value based Approach
- Understand ***threats and challenges*** to Archaeological Heritage within GTA/ Brampton
- Develop criteria for effective integration of Urban Archaeological Resources in Everyday Life - ***to eradicate, isolation*** or public ignorance and ***achieve broader community engagement***
- Draft ***contingency plan*** for immediate situations and projecting short, intermediate and long term planning for conservation of archaeological resources

# MAPPING EXAMPLE: PRE- CONTACT POTENTIAL

Archaeological Master Plan  
City of Toronto  
Humber Corridor Demonstration Area,  
Lambton Mills to Milton Mills

## Pre-contact Potential

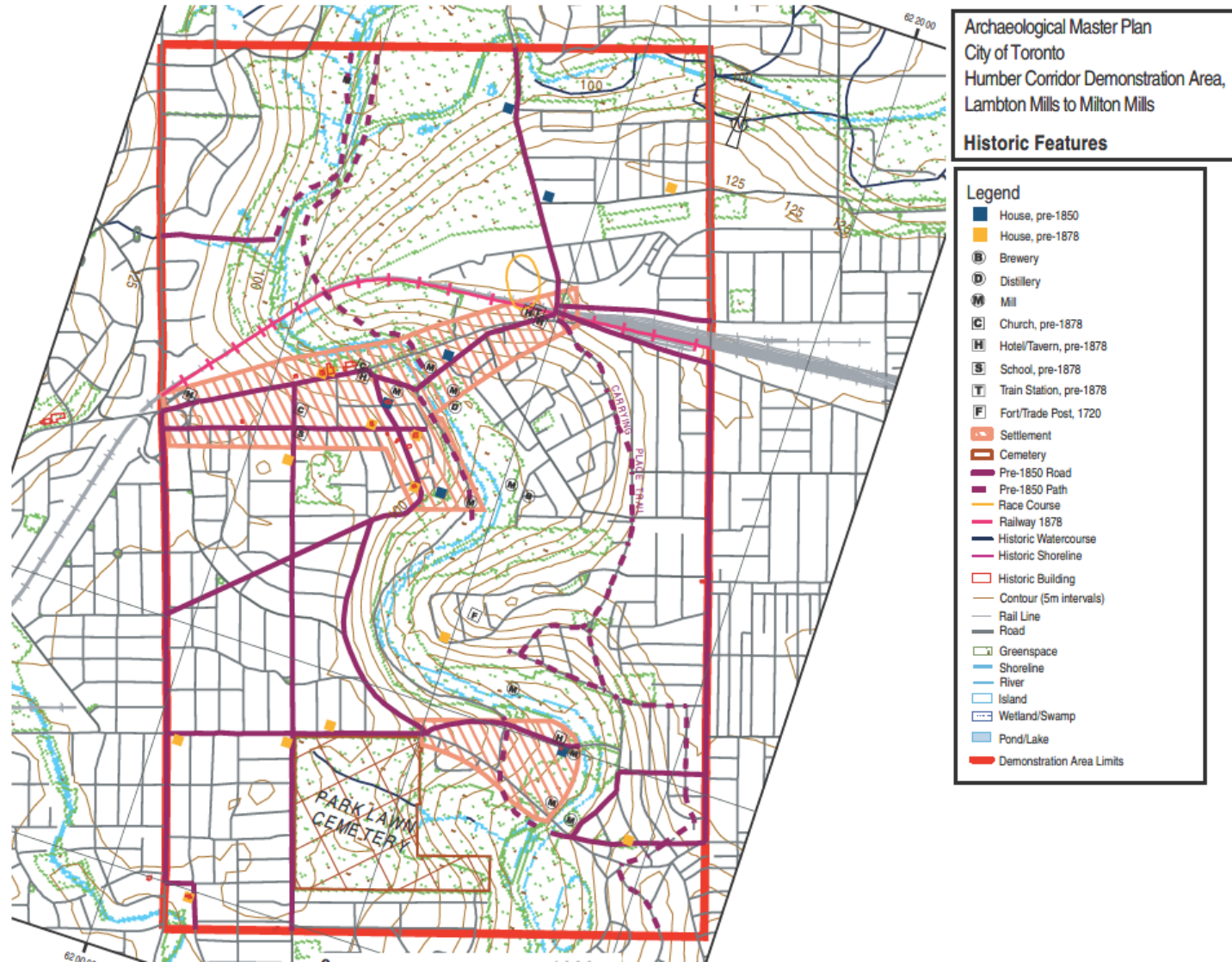
### Legend

- Potential Zone
- Contour (5m intervals)
- Rail Line
- Road
- Greenspace
- Shoreline
- River
- Island
- Wetland/Swamp
- Pond/Lake
- Demonstration Area Limits





# MAPPING EXAMPLE: HISTORIC FEATURES



# MAPPING EXAMPLE: HISTORIC POTENTIAL

Archaeological Master Plan  
City of Toronto  
Humber Corridor Demonstration Area,  
Lambton Mills to Milton Mills

## Historic Potential

- Legend
- Potential Zone
  - House, pre-1850
  - House, pre-1878
  - Brewery
  - Distillery
  - Mill
  - Church, pre-1878
  - Hotel/Tavern, pre-1878
  - School, pre-1878
  - Train Station, pre-1878
  - Fort/Trade Post, 1720
  - Settlement
  - Cemetery
  - Pre-1850 Road
  - Pre-1850 Path
  - Race Course
  - Railway 1878
  - Historic Watercourse
  - Historic Shoreline
  - Historic Building
  - Contour (5m intervals)
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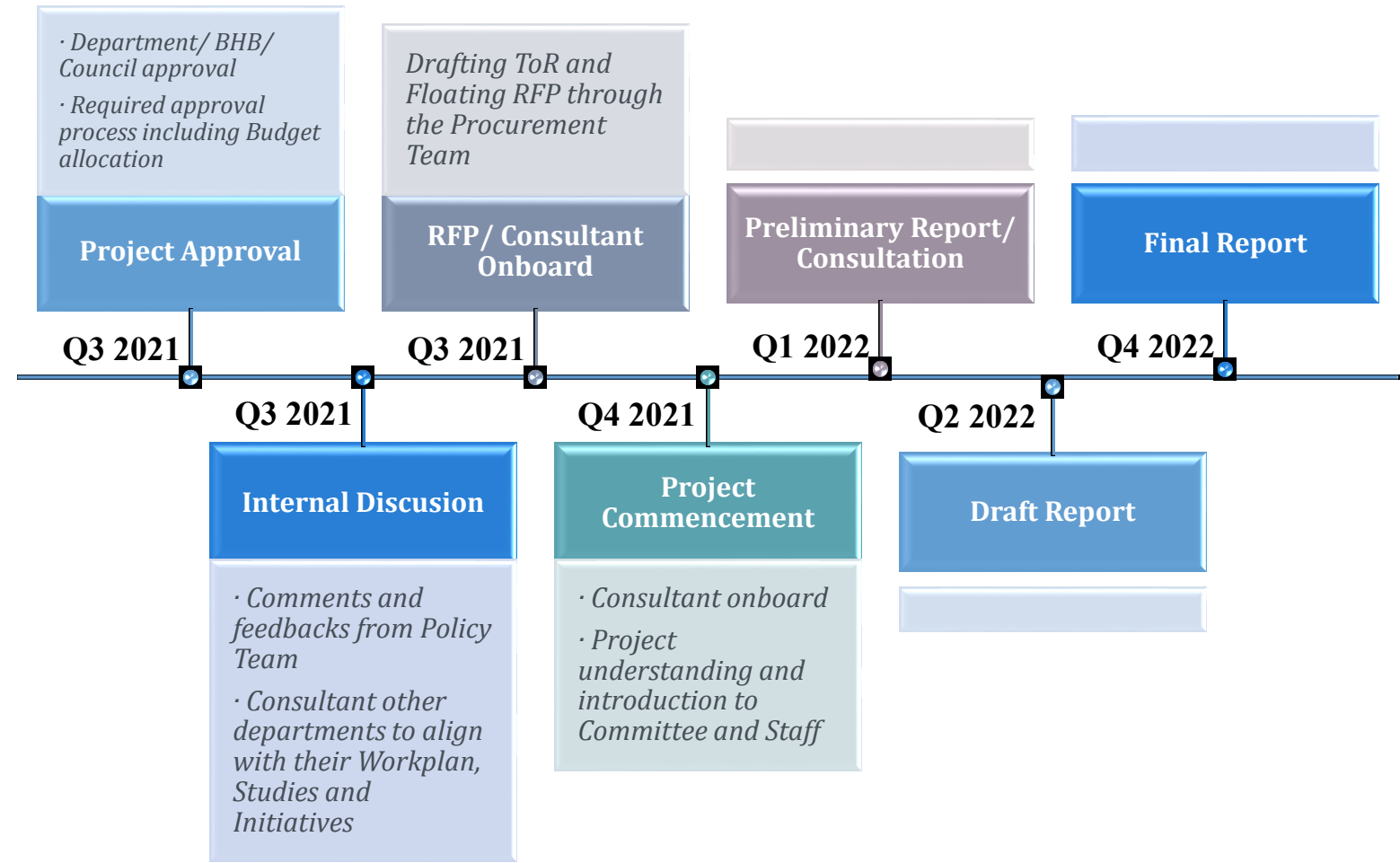
# Development Review Process and Archaeological Assessment

- Role of
  - Province
  - Development Proponent
  - Licensed Archaeologist
  - Municipality
- Archaeological Potential Planning Layer
  - Official Plan Amendments
  - Zoning By-law Amendments
  - Site Plan Control
  - Plans of Subdivision and Condominium
  - Consent applications
- Process
  - Does the planning application include Area(s) of archaeological potential?
  - Yes – Archaeological Assessment report required
  - Further submission of Assessment report and compliance letter from MHSTCI
  - No – No Archaeological Assessment required

# WHAT HAVE OTHER MUNICIPALITIES DONE?

<b>County of Simcoe</b> - Archaeological Management Plan	Final Draft - October 2019
<b>Niagara Region</b> Archaeological Management Plan - Phase II Research and Background Report	Phase II Report - November 2019
Planning for Conservation of Archaeological Resources in <b>York Region</b>	February 2014
Draft Archaeological Master Plan	March 2013
<b>Town of Caledon</b> Archaeological Management Plan	Draft Report – January 2021
A Master Plan of Archaeological Resources for the <b>City of Toronto</b>	Interim Report
Planning for the Conservation of Archaeological Resources in the <b>City of Kingston</b>	Final Report March 2010
<b>City of London</b> Archaeological Master Plan	Final Report November 1995
Archaeological Master Plan Study Report for the <b>City of Windsor</b>	Final Report October 2005
Master Plan of Archaeological Resources of the <b>Regional Municipality of Halton</b>	2008 update (original report 1998)

# PROPOSED TIMELINES



# BUDGET

- Mandated through Policy 4.10.6.5 of the Official Plan
- *An **Archaeological Master Plan** shall be prepared to identify and map known archaeological sites, and areas of archaeological potential and establish policies and measures to protect them. Every endeavor shall be made to leave archaeological sites undisturbed.*
- Pre-approved budget of \$150,000 to undertake the plan

# PROJECT CHAMPIONS

## **Roles & Responsibilities**

### Project Sponsors:

- Richard Forward, Commissioner, Planning, Building and Economic Development, City of Brampton
- Bob Bjerke, Director of Planning and Design

### Project Manager:

- Jeffrey Humble, Manager, Policy and Strategic Initiatives

### Project Leads:

- Principal Planner/ Heritage Supervisor
- Harsh Padhya, Heritage Planner



# TECHNICAL ADVISORY

## Coordinating Groups:

- Policy Planning (Core)
- Development Services (Core)
- Environment and Development Engineering (Core)
- Arts and Culture (Core)
- Transportation (Core)
- Community Service (Core)
  
- Urban Design (Intermediate)
- DI & IT (Intermediate)
- Corporate Communication (Intermediate)
- Public Services (Intermediate)
- Legal Services (Intermediate)
- Recreation Services (Intermediate)
- Facilities Operation & Maintenance (Intermediate)
- Tourism & Special Events (Intermediate)
- Other Dept. (If needed)

# STAKEHOLDERS

## Contributing Stakeholders

- Brampton Heritage Board (BHB)
- Indigenous Group
- Concerned Ministries (MHSTCI, MTO etc.)
- Brampton Historical Society
- Building Industry and Land Development Association (BILD)
- Land Owners (Group or Association)
- Region of Peel (RoP)
- Neighbouring Municipalities
- CVC (Credit Valley Conservation)
- Toronto and Region Conservation Authority (TRCA)
- Bereavement Authority of Ontario (BAO)
- General Public



**BUT IT REALLY  
MIGHT BE IN  
THE BACKYARD!**



Questions or  
Comments?

### Contact information

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