

# Capital Projects in Peel

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**PUBLIC USER GUIDE**

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## Introduction

As Peel Region grows, so does the need for reliable, high-quality services. To support our communities, we continue to upgrade and expand our road, water, and wastewater systems.

The Capital Projects in Peel (CPIP) GIS application lets you explore construction projects that are currently underway or planned for the future. This interactive tool gives you up-to-date information so you can easily see what's happening in your neighbourhood.



# Finding Your Way Around the Application

The CPIP Map below shows capital projects in Peel region, categorized by water, wastewater, regional roadways, and planned projects, each represented by different colored markers.

The screenshot displays the 'Capital Projects in Peel' application interface. The map shows the Peel region with various project markers. The interface includes a search bar at the top, a legend on the left, and a project list on the right. The project list is currently filtered to show 'Water Projects'.

**Search Bar:** A search bar at the top center with the placeholder text 'Address or Project ID' and a search icon.

**Legend:** A legend on the left side of the map, listing project categories with corresponding colored markers: Water Projects (blue square), Wastewater Projects (green square), Regional Roadway Projects (purple square), Planned Projects (black square), and Ward Boundary (white outline).

**Project List:** A list of projects on the right side of the map, currently filtered to show 'Water Projects'. The list includes the following entries:

- Project ID: 18-1394 and Work Type: Watermain Replacement
- Project ID: 18-1394 and Work Type: Watermain Replacement
- Project ID: 23-1310D and Work Type: Watermain Replacement
- Project ID: 23-1310H and Work Type: Watermain Replacement
- Project ID: 16-2300C1 and Work Type: Watermain Replacement
- Project ID: 18-1159 and Work Type: Watermain Installation for

The project list is currently filtered to show 'Water Projects'. Below the list, there are toggle buttons for 'Water & Wastewater Projects' (selected) and 'Road & Planned Projects'.

## Search Bar

Select the search bar located in the top-right corner of the app to begin searching the map. You can search by project number, address, street, intersection, or place.

Select the magnifying glass next to the search bar to complete the search and select from the populated options below the search bar to view the selected area.



## Legend

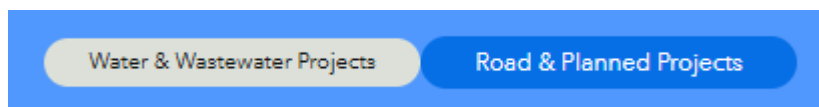
The legend is found along the left side of the map. Project types are identified as follows:

- **Blue** for Water projects
- **Green** for Wastewater projects
- **Magenta** for Regional Roadway projects
- **Grey** for Planned projects

## Project List

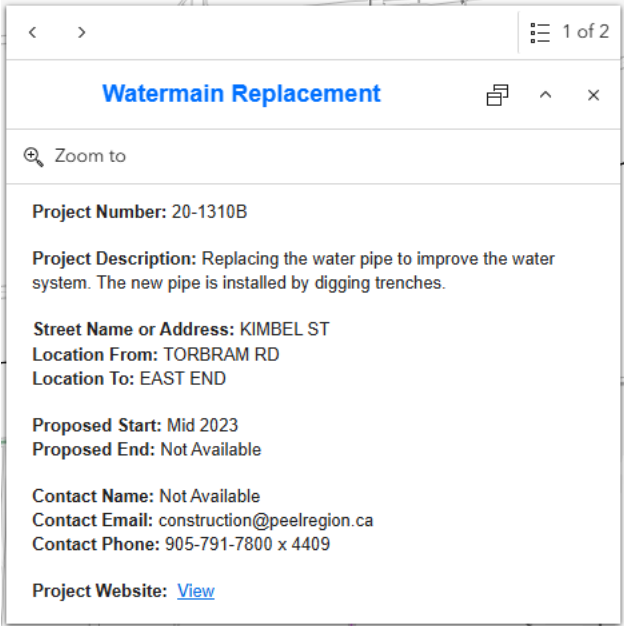
A list of projects can be found along the right side of the map. Only projects visible in the current view of the map are listed (i.e. fewer projects are listed as you zoom in and vice versa). Select a project on the list to display the project on the map.

Toggle between Water & Wastewater Projects or Road & Planned Projects by using the buttons below the project list.



# Project Information

A summary window with project information opens when a project is selected (directly on the map, from the project list, or using the search bar). The summary includes the project number and description, street name or address, location from and to, proposed start and end dates, Public Works customer service contact information, and a link to the project webpage.



# Widgets

The screenshot displays the 'Capital Projects in Peel' web application interface. The main map area shows project locations across various municipalities including Orangeville, Alton, Erin, Guelph, Halton Hills, Caledon, Brampton, Mississauga, Etobicoke, North York, Vaughan, Richmond Hill, King City, Aurora, and Newmarket. A search bar at the top right of the map area is labeled 'Address or Project ID'. On the left side, a legend lists project categories: Water Projects (blue triangle), Wastewater Projects (green triangle), Regional Roadway Projects (purple triangle), Planned Projects (black triangle), and Ward Boundary (white outline). On the right side, a panel titled 'Water Projects' is active, showing a list of projects with details such as Project ID and Work Type. Below this, a 'Wastewater Projects' section is visible. At the bottom of the map, a scale bar indicates 5 miles. The interface is powered by Esri.

**1** Callout to the legend icon.


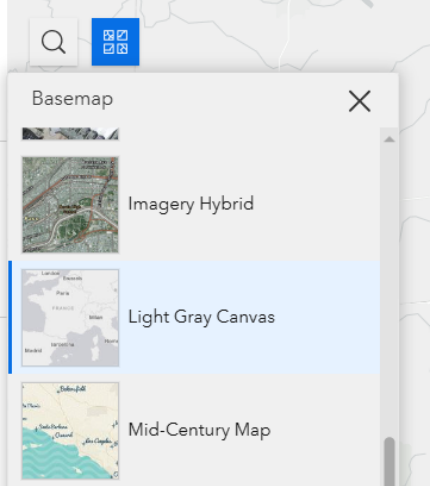
**2** Callout to the map navigation controls (location, home, zoom, and pan).


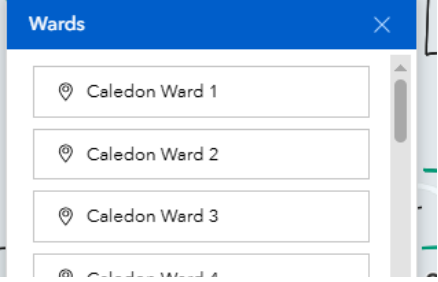

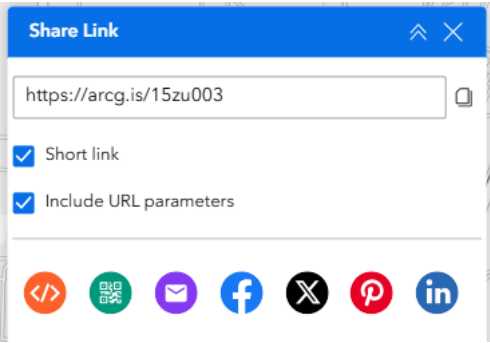

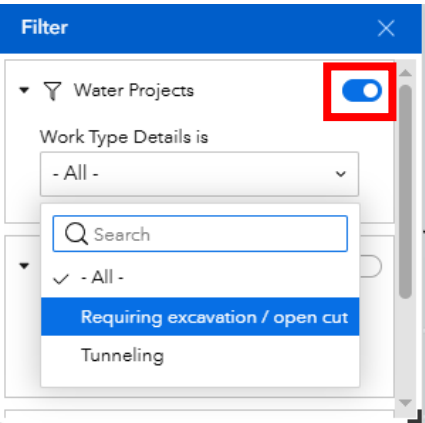
**3** Callout to the map navigation controls (compass, location, zoom, and pan).



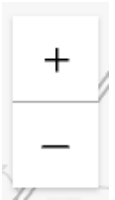


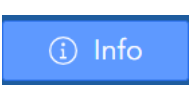
**4** Callout to the map navigation controls (location, home, zoom, and pan).


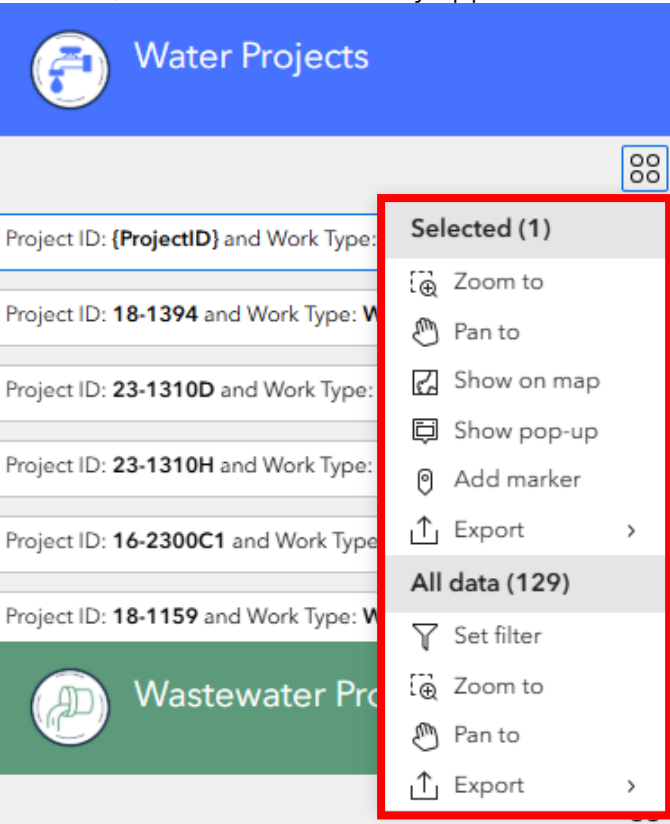
**5** Callout to the 'Info' button in the top right corner.

**6** Callout to the 'Info' button in the top right corner of the project list panel.

	Icon	Name	Description
1		Basemap Gallery	<p>Opens a list of background maps to choose from with a preview of what the basemap will look like. Selected basemap is highlighted in blue.</p> 

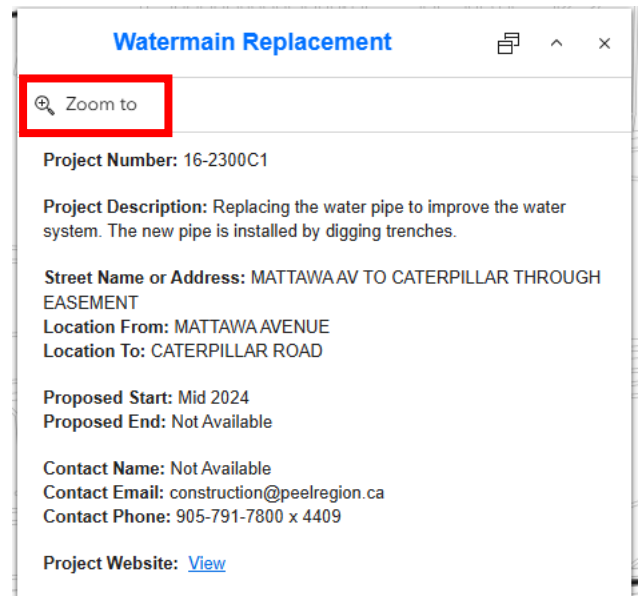
	Icon	Name	Description
2		Wards	<p>Opens a list of wards in Mississauga, Brampton, and Caledon to choose from. The map will zoom to the selected ward.</p> 
		Share Link	<p>Provides a link to the app and shortcuts to different sharing options.</p> 
		Filter	<p>Filter the dataset by Work Type Detail (i.e. Requiring excavation / open cut, Trenchless / no excavation required, or Tunneling). Only projects for Water, Wastewater, and Roadway projects that meet the filter criteria will appear on the map. The toggle needs to be turned on first for the filter to work.</p> 

	Icon	Name	Description
<b>3</b>		Reset Compass Orientation	Rotates the map so the top of the map is north.
		Find my Location	Zooms into your current location.
		Zoom In / Out	Zoom your view in (+) and out (-) on the map.
		Default Map View	Resets to the original map view.
<b>4</b>		Full Screen	Displays the map across the full web browser window.
<b>5</b>		App Info	Opens the app information window with a description of the app and link to the CPIP User Guide.

	Icon	Name	Description
6		Project List Actions	<p>Opens a menu with additional actions. When a project is selected, additional actions may appear.</p>  <p><b>Zoom to</b> takes you to the selected project on the map.  <b>Pan to</b> centers the selected project on the map.  <b>Show on map</b> highlights the selected project in yellow on the map.  <b>Show pop-up</b> triggers the project information pop-up to appear on the map.  <b>Add marker</b> drops a pin on the selected project on the map.  <b>Export</b> to JSON, CSV, and GeoJSON for either all projects in the current view, or for the selected project.</p>

## Quick Tips & Tricks

- Use the scroll wheel on your mouse to zoom in and out within the map view.
- Select and hold the left mouse button to move around the map.
- Select “Zoom to” in the information window to zoom closer to the project location.



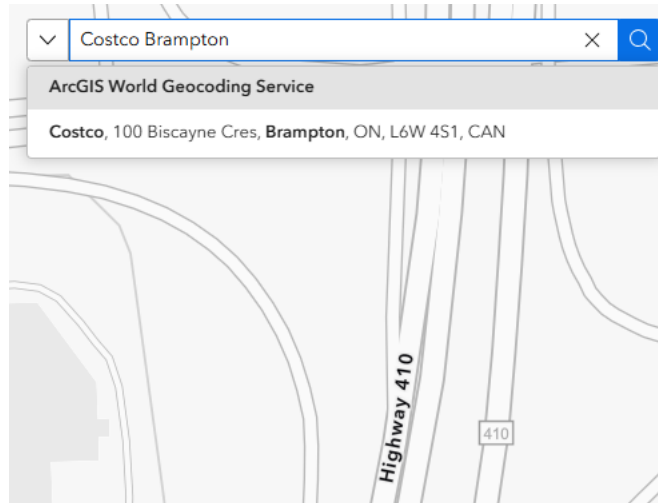
## Performing a Search

### Search by Location

As you type the address, street, intersection, or place, you will see matching results auto-populate in the drop-down menu. Examples of searches are shown below. Select the location in the drop-down or select the magnifying glass to perform the search. This will zoom to the location entered.

Examples of different location search functions:

- **By Address:** 2240 Springfield Ct
- **By Street:** Beech St
- **By Intersection:** Eglinton Ave W and Summersky Crt
- **By Place:** Costco Brampton



## Search by Project

As you type the project number (e.g. 22-2300C), you will see matching results auto-populate in the drop-down menu by project type. Select the project in the drop-down or select the magnifying glass to perform the search. This will zoom to the project, where you can select the project to open the information window.

