

Capital Projects in Peel

PUBLIC USER GUIDE

Table of Contents

Introduction	2
Finding Your Way Around the Application	3
Search Bar	4
Legend.....	4
Project List	4
Project Information	5
Quick Tips & Tricks.....	11
Performing a Search	11
Search by Location	11
Search by Project.....	12

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 main map shows the Peel region with various project markers. A search bar is located at the top center, and a legend is on the left side. The right side features a 'Project List' panel with a 'Water Projects' filter selected. The list shows several projects with their IDs and work types.

Search Bar

Legend

Project List

Project List Toggle

Project ID	Work Type
18-1394	Watermain Replacement
18-1394	Watermain Replacement
23-1310D	Watermain Replacement
23-1310H	Watermain Replacement
16-2300C1	Watermain Replacement
18-1159	Watermain Installation for
21-2411	Sanitary Sewer Relining
16-2300C1	Sanitary Sewer
18-2150	Sanitary Sewer
18-2150	Sanitary Sewer
17-2186	Sanitary Sewer
18-2184	Sanitary Sewer
18-2183	Sanitary Sewer

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

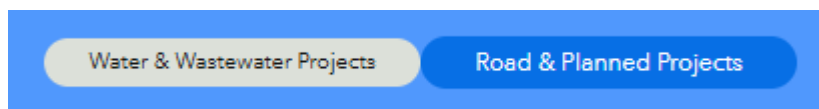
The legend is found along the left side of the map. Project types are identified as follows:

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

Project List

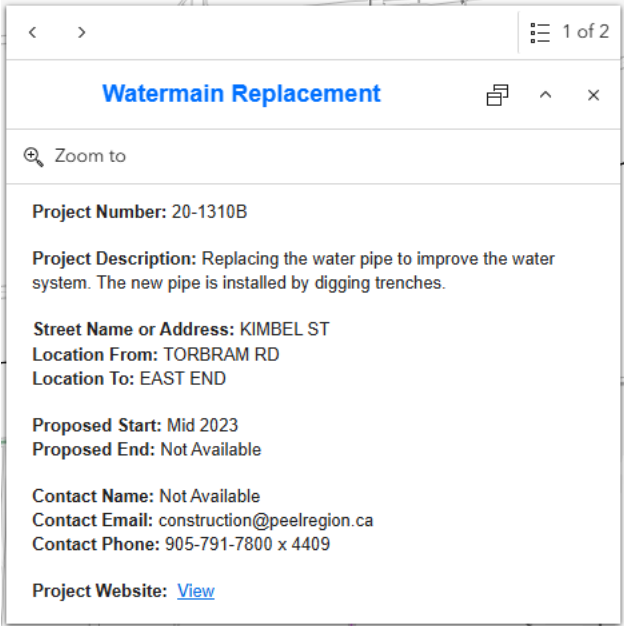
A list of projects can be found along the right side of the map. Only projects visible in the current view of the map are listed (i.e. fewer projects are listed as you zoom in and vice versa). Select a project on the list to display the project on the map.

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.




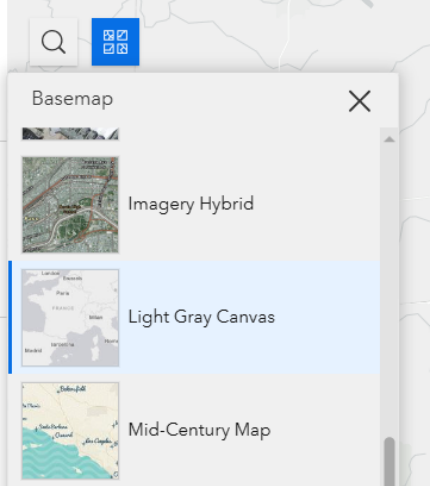
Widgets


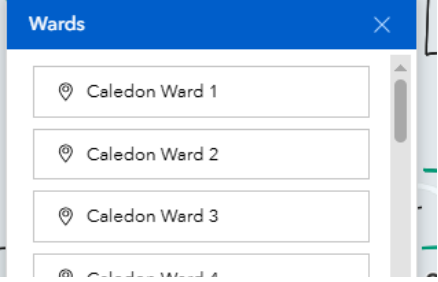

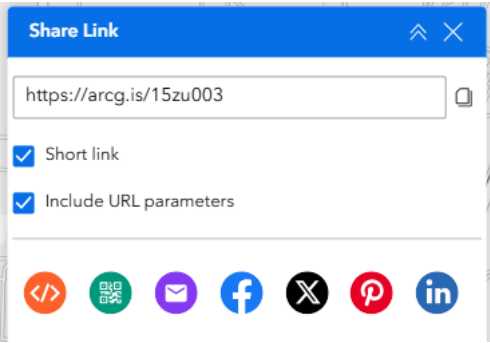

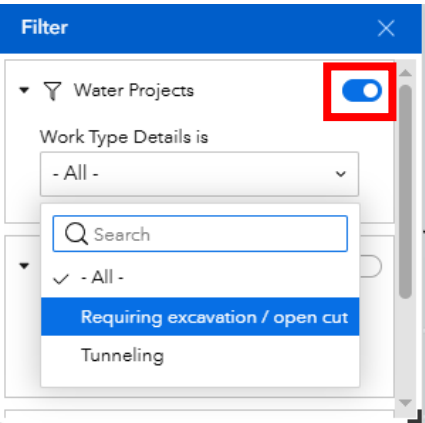
The screenshot displays the 'Capital Projects in Peel' web application interface. The main map area shows project locations across various municipalities including Orangeville, Alton, Erin, Guelph, Halton Hills, Caledon, Brampton, Mississauga, Etobicoke, North York, Vaughan, Richmond Hill, King City, Aurora, Newmarket, and Milton. A search bar at the top right of the map area is labeled 'Address or Project ID'. A legend on the left side 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). A scale bar indicates 5 miles. The bottom of the map area includes a footer with 'Province of Ontario, Esri Canada, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS' and 'Powered by Esri'.



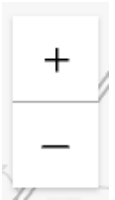


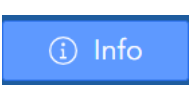
Numbered callouts highlight the following features:


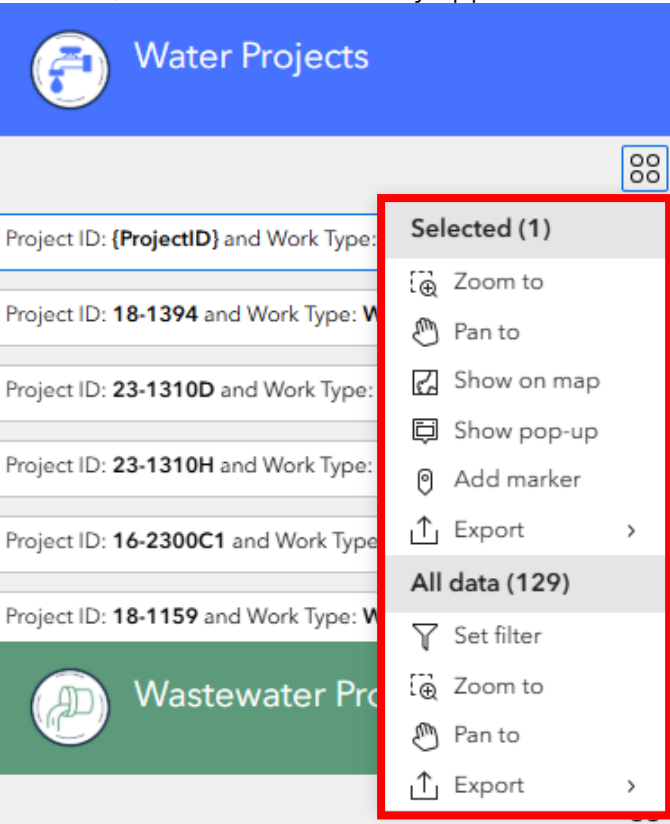
- 1**: A red box highlights the 'Water Projects' legend item.
- 2**: A red box highlights the map navigation controls (location pin, home, search, zoom in, zoom out, and full screen).
- 3**: A red box highlights the map navigation controls (compass, location pin, search, zoom in, zoom out, and full screen).
- 4**: A red box highlights the map navigation controls (location pin, home, search, zoom in, zoom out, and full screen).
- 5**: A red box highlights the 'Info' button in the top right corner of the application header.
- 6**: A red box highlights the 'Info' button in the top right corner of the 'Water Projects' widget panel.

The right-hand side of the interface features a list of project details for 'Water Projects' and 'Wastewater Projects'. The 'Water Projects' list includes entries such as 'Project ID: 18-1394 and Work Type: Watermain Replacement' and 'Project ID: 23-1310D and Work Type: Watermain Replacement'. The 'Wastewater Projects' list includes entries such as 'Project ID: 21-2411 and Work Type: Sanitary Sewer Relining' and 'Project ID: 18-2150 and Work Type: Sanitary Sewer'.

	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> 

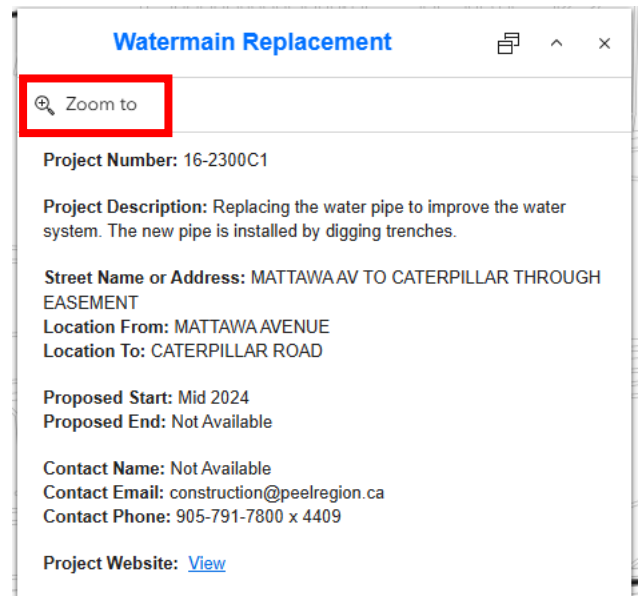
	Icon	Name	Description
2		Wards	<p>Opens a list of wards in Mississauga, Brampton, and Caledon to choose from. The map will zoom to the selected ward.</p> 
		Share Link	<p>Provides a link to the app and shortcuts to different sharing options.</p> 
		Filter	<p>Filter the dataset by Work Type Detail (i.e. 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
3		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.
4		Full Screen	Displays the map across the full web browser window.
5		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>Zoom to takes you to the selected project on the map. Pan to centers the selected project on the map. Show on map highlights the selected project in yellow on the map. Show pop-up triggers the project information pop-up to appear on the map. Add marker drops a pin on the selected project on the map. Export 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.



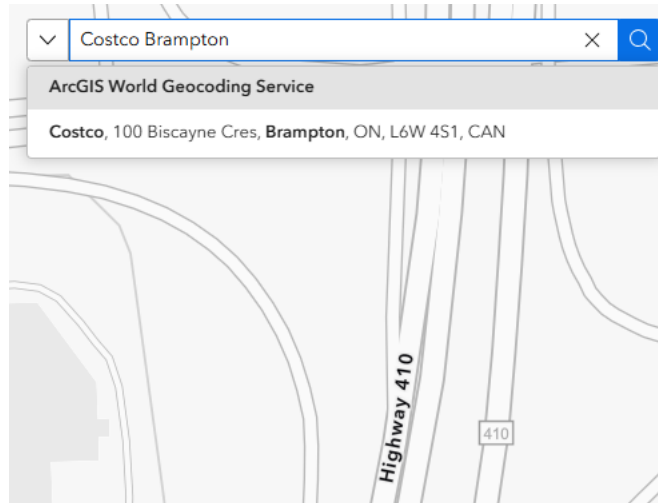
Performing a Search

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.

