



*Planned Capital Construction Projects
Map Viewer*

User Guide

Last Revised: May 21, 2025

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Section 1: General Information

1. About the Planned Capital Construction Projects Map Viewer

The City of Vaughan has developed an interactive online map to help residents, businesses and stakeholders access real-time updates on planned capital construction projects across Vaughan.

Users can explore active and upcoming construction projects using four main tabs: Address, Type, Year and Ward. Each tab offers one-click filters, allowing users to easily search for projects by location, category, construction timeline or ward.

The map viewer also features a user-friendly mobile layout, allowing users to view construction projects easily on their phones. This allows for quick and convenient access to information anywhere, anytime.

Section 2: Navigation Tools

Information and instructions for navigating the Planned Capital Construction Projects Map Viewer

2. Search and Interaction Tool

2.1 Description

Search tools are available within each navigation tab.

In the **Address** tab, the search bar appears in the **left-hand panel** of the map layout. Users can enter an address, intersection, street name or place to locate construction projects within an area of interest.



Search by address



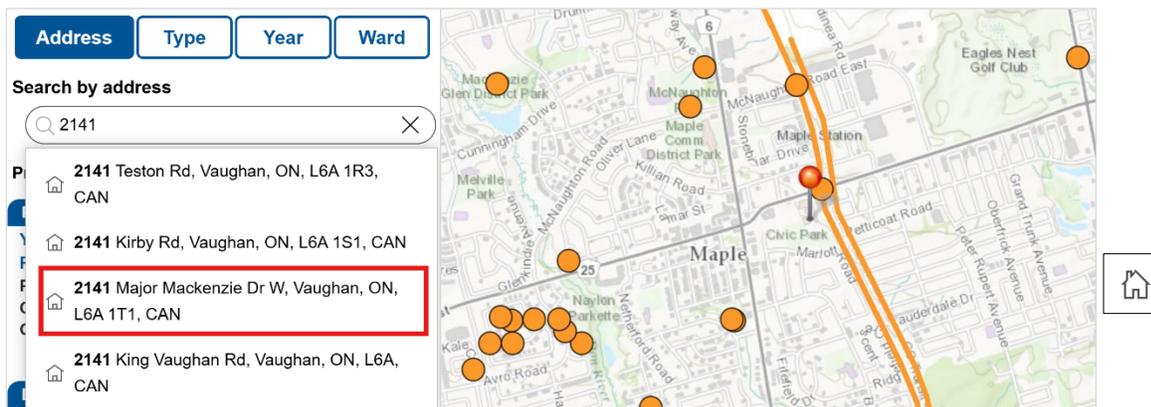
In the **Type**, **Year**, and **Ward** tabs, the search bar is located in the **top-left corner** of the map window.



2.2 How to Use the Search Tool

Step 1: When searching for an address, street, park or place, type your search keywords in the “Enter address, intersection or street name” box.

Search results may yield several options. Select the option that matches your search criteria. Once an option is selected, the map will zoom into your selection and mark the result with a push pin.



Step 2: If you would like to return to the default map, click on the home button on the upper left corner of the map.

Below the search bar is a summary of visible project records. These numbers reflect the project locations that are currently in view and automatically update as you zoom in and out of the map.

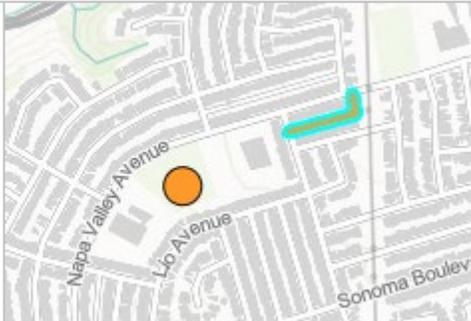
Search by address

Project Records: ● (152) — (110) ■ (18)

Points represent small project locations such as intersection improvements or culvert replacements, **lines** represent linear infrastructure projects such as road or sewer work, and **polygons** represent area-based projects like parks.

2.3 Selecting Features on the Map

Once a project is located, users can click directly on a point, line or polygon to view more details. Selecting a feature will automatically highlight the corresponding project in the left-hand panel. This panel provides a summary, along with a **Click for Details** button that provides full project information.

<p>Line Projects</p> <p>2025 Road Rehab. - Blocks 17, 25, 43, 45, 52, 53, 62, 68 (22-76.03)</p> <p>Project Type: Road-Miscellaneous; Road-Rehabilitation; Active Transportation-Sidewalk</p> <p>Construction Start Year: 2025</p> <p>Government Agency: Vaughan</p> <p>Click for Details</p>	
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3. Measure Tool

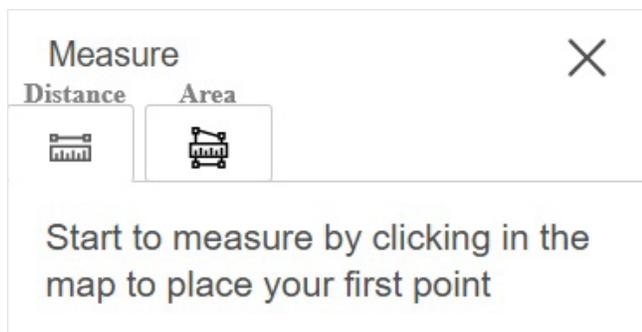
3.1 Description

The **Measure Tool** allows users to calculate distances and areas directly on the map. Users can measure the length of a road, path or boundary by drawing a line, or determine the size of a specific area by drawing a shape. Results are displayed in standard units (e.g., metres, kilometres or square metres,) and measurements update dynamically as the shape or line is adjusted.

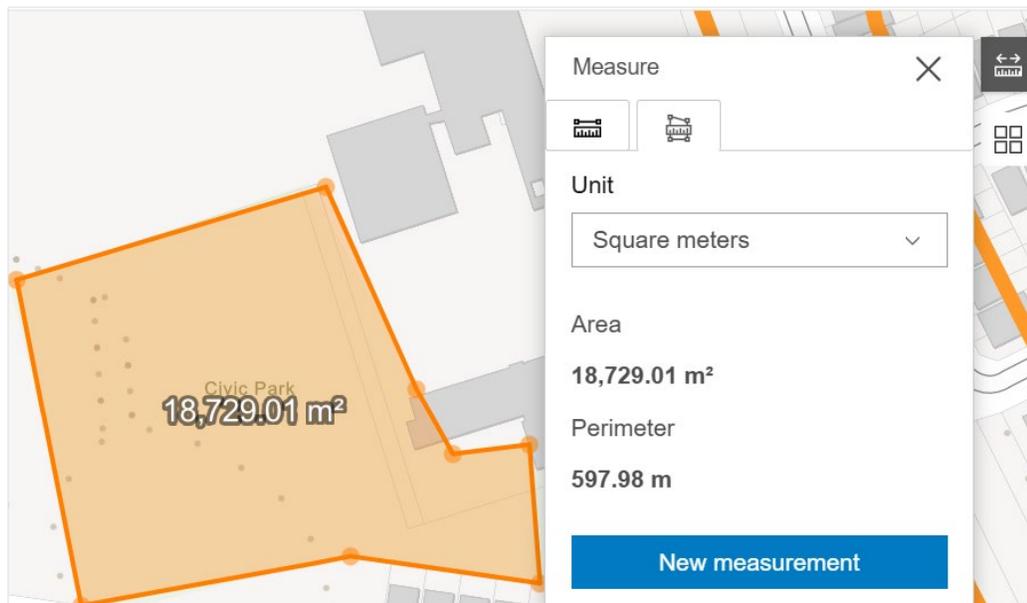
3.2 How to Use the Filter Tool

Step 1: Click on the **Measure** icon 

Step 2: Select the appropriate icon to choose between distance and area measurement.



Step 3: Click anywhere on the map to place your first point and continue clicking to add additional points of interest. For area measurements, close the shape by clicking on the starting point. The distance or area will appear automatically on the map.



4. Basemap Gallery Tool

4.1 Description

The **Basemap Gallery** is a tool that allows users to change the background map. It provides a selection of map styles such as topographic, satellite imagery, streets or dark/grey canvas. Each option provides different visual context to help enhance the visibility and understanding of construction projects on the map.

4.2 How to Use the Basemap Gallery Tool

Step 1: Click on the **Basemap Gallery** icon  to display options.

Step 2: The gallery will display a variety of map backgrounds such as:

- **topographic** – terrain elevation and contour lines
- **imagery hybrid** – satellite imagery with labels
- **streets** – a standard map view with roads, buildings and labels
- **streets dark/light canvas** – simplified maps ideal for viewing overlaid data clearly

Click on the basemap tile to apply it to the main map window. The selected basemap will now appear as the background behind all visible data layers.



5. One-Click Filters

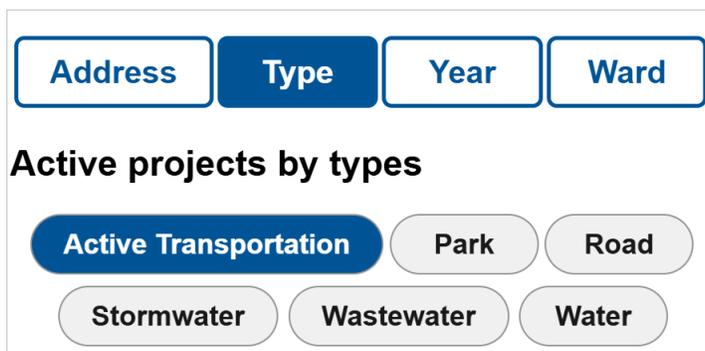
5.1 Description

Within the **Type**, **Year** and **Ward** navigation tabs, users can explore construction projects using one-click filters. These filters instantly update the map to display the projects that match the selected criteria.

5.2 How to Use One-Click Filters

Type Tab:

This navigation tab offers six filter options to view projects by infrastructure category.



- **Active Transportation** – includes cycling facilities, multi-use pathways, sidewalks, pedestrian walkways and other active transportation assets.
- **Park** – includes park rehabilitation of all assets (e.g., basketball courts, playgrounds and waterplay,) new park construction, pathway lighting for parks, pedestrian bridge replacement, culvert replacement and park trails.
- **Road** – includes bridges and culverts for roadways, railway bridges, pedestrian bridges, new roadway construction, road rehabilitation, streetlight assembly, traffic signs and lights and slope stabilization.
- **Stormwater** – includes pump stations, stormwater ponds, underground storage tanks, stormwater, Stormwater mains, maintenance holes, pumps, valves and catch basins.
- **Sanitary** – includes force mains, sewer mains, pump stations, grinder pumps, valves, wells and maintenance holes
- **Water** – includes water pump stations, watermains, hydrants, chambers, meters, valves, sampling stations, wells, service and auto flushers.

Year Tab:

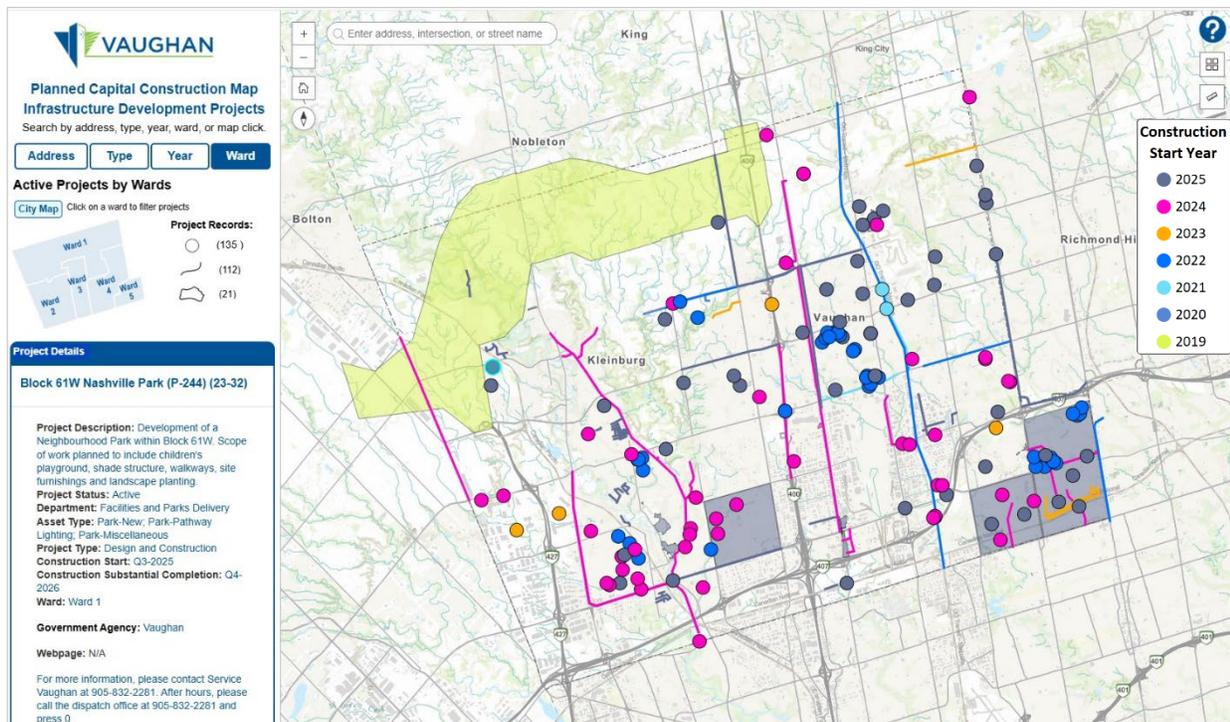
The **Year** tab allows users to filter construction projects by their active or planned year.



- **2025 Active** – displays all infrastructure projects currently underway in 2025.
- **2026 Active & Upcoming** – displays ongoing projects carried over from 2025 and new projects starting in 2026.

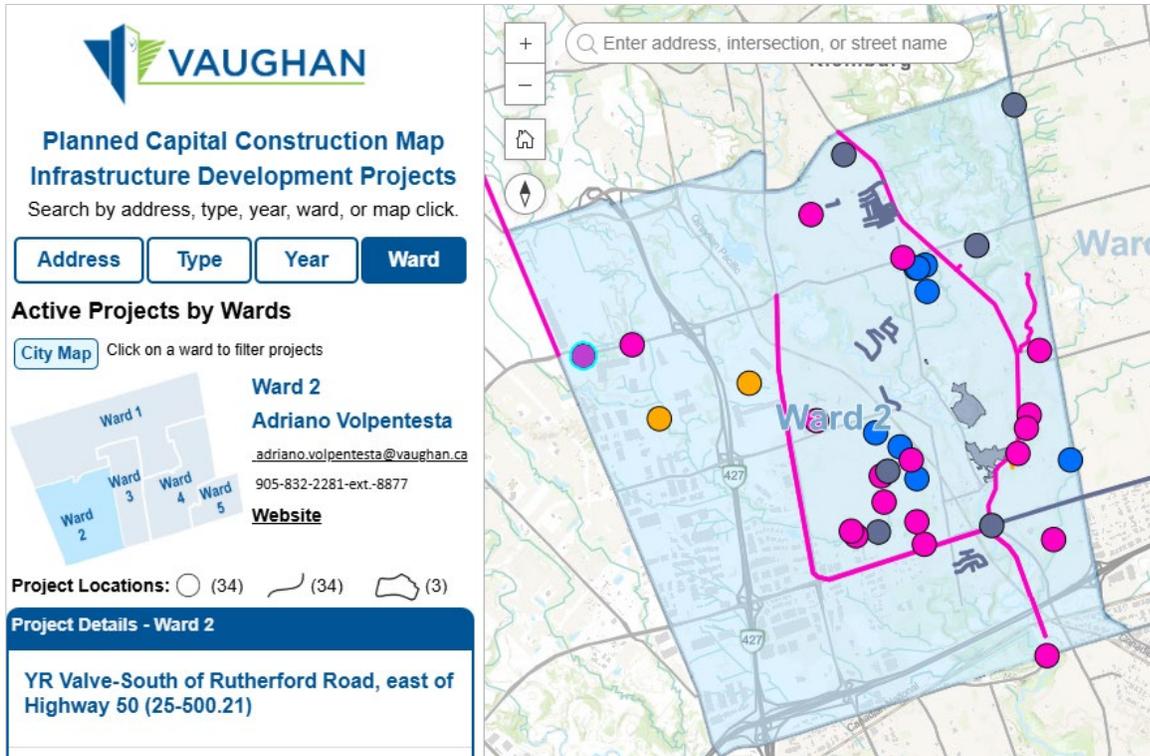
Ward Tab:

The **Ward** tab allows you to view construction projects filtered by political wards. This tool provides a ward-by-ward breakdown of active and planned infrastructure projects across the city.



Each project is colour-coded by construction start year, based on the legend on the right side of the map.

By clicking directly on the ward navigation map embedded in the left-hand panel, users are able to filter construction projects based on their desired ward.



Once selected, the map will zoom into that ward and display all related projects. When a ward is selected, the left-hand panel will also display:

- the Councillor's name
- contact information including email and phone number
- a link to the Councillor's website

This feature helps residents know who to contact about construction projects in their ward.

Clicking the **City Map** button will clear the ward filter and return to the citywide view.

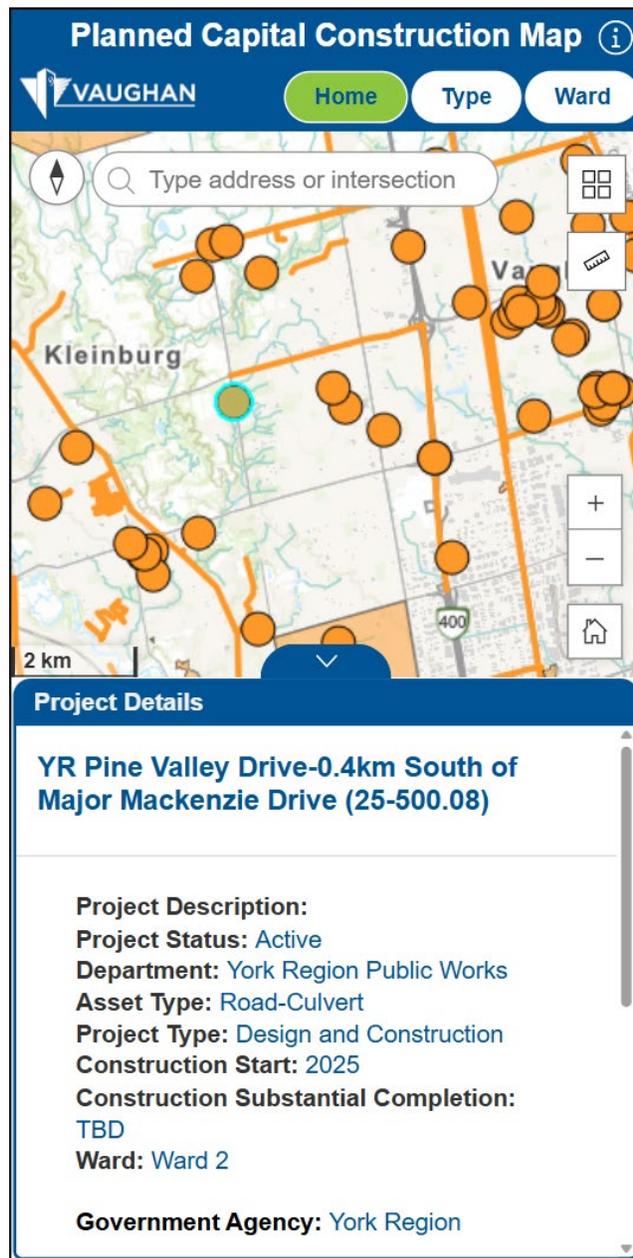
Section 3: Mobile Friendly Map Viewer

Viewing planned construction projects on a mobile device

6. Viewing Planned Capital Construction Projects on Your Phone

6.1 Description

The Planned Capital Construction Map Viewer includes a user-friendly layout designed for mobile devices, making it easy to view projects on a phone. The interface adjusts to a simplified format with all core navigation features. Users can filter projects and access details with just a few taps.



Section 4: Disclaimer

Limitations of real-time project data

7. Limitations of Real-Time Project Data

The information and materials on the following page (the "Information") seek to display active and upcoming construction projects within the City of Vaughan. It does not include short-term or routine maintenance work. The User is not to rely on the Information to describe a construction project for a hearing, submission, or any legal procedure. The Information is provided on an "as is" and "as available" basis without warranty of any kind, either express or implied, including but not limited to the implied warranties of accuracy, completeness, reliability, timeliness, quality, fitness for a particular purpose, merchantability, or non-infringement. Project statuses and timelines are subject to change, which may result in projects being added or removed from the map without notice to the User.

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For questions about how to use the map or to report any discrepancies, please email pmomaps@vaughan.ca.