



# Implementation of Development Review Process Technology Projects

**Development Services Committee  
October 31, 2023**



## Presentation Outline

- Outcomes for the Technology Projects
- Development Review Process Technology Projects
- 3D Model Presentation by WSP Canada
- Next Steps



## Outcomes for the Technology Projects

- Streamline the Development Approvals Process
- Modernize Digital platforms and development processes leveraging City's investment in ePLAN.
- Improve customer service for applicants
- Provide online Development Application Viewer
- Improve development data to make more informed decisions and recommendations
- Improve overall service resulting in higher quality applications



# Development Review Process Technology Projects

1. ePlan Project Dux 9.2 Upgrade
2. ePlan Web Portal Update
3. ePlan Mobile Inspection App
4. MappiT – Development Application Viewer
5. 3D Model Development and Procedural Rules



## ePlan Project Dox 9.2 Upgrade Project

### Project Description

- Migrate the existing on premise development and building permit application solution to the cloud.
- Upgrade the ePLAN Project Dox from version 9.1 to version 9.2.
  - Improve functionality and customer experience with ePLAN

ProjectDox®



# ePlan Project Dox 9.2 Upgrade Project

## **Applicant Experience Improvements**

- Easier drawing upload tools
- Centrally located applicants response method
- Accessing and distributing corrections to multiple consultants
- Automatic file versions and duplicate file identification
- Project status emails to multiple project members; and
- User notifications for new files uploaded and versions indicated.



# ePlan Project Dox 9.2 Upgrade Project

## **Reviewer Experience Improvements**

- Packaging drawings and providing a single window for review/comment
- Centrally located City comments
- Read/unread feature for drawings and ability to select drawings that are acceptable
- Simplified file version and improved file compare options; and
- Simplified quick review initiation process



## ePlan Web Portal Update Project

### Project Description

- Update ePlan Web Portal - moved to new vendor
- Allow for easy navigation
- Improve applicant's web portal experience

### Overall Improvements

- Modernized 'look and feel'
- Improved account registration process
- Complete visibility of the application process
- Allows applicant to 'save for later'
- Automated confirmation of application
- Enhanced Security Features
- Reduced sustainment development cost



Pre-Application Consultation (PRCN)

Progress bar: 1. Property, 2. Owner Information, 3. Application Description, 4. Application Information, 5. Fees and Confirmation

Application Information

\*Indicates required field

Application Form Information

Proof of Ownership \*

Public Record Notice: Under the Planning Act, R.S.O.1990,c.P13,s.10.1, all information and material that is required to be provided to the City of Markham respecting planning applications shall be made available to the public. \*

WARNING: Tree Preservation By-Law in effect. DO NOT cut trees prior to City approval or you may be subject to fines up to \$100,000.00. I acknowledge that I have read and understand this warning. \*

DSC Reporting

Anticipated OP Application Submission? \*

Planning

Existing Land Use/Zoning \*

Planning Reference Info

Project/Marketing Name of Project \*

Save for Later Next





## ePlan Mobile Inspection App Project

### Project Description

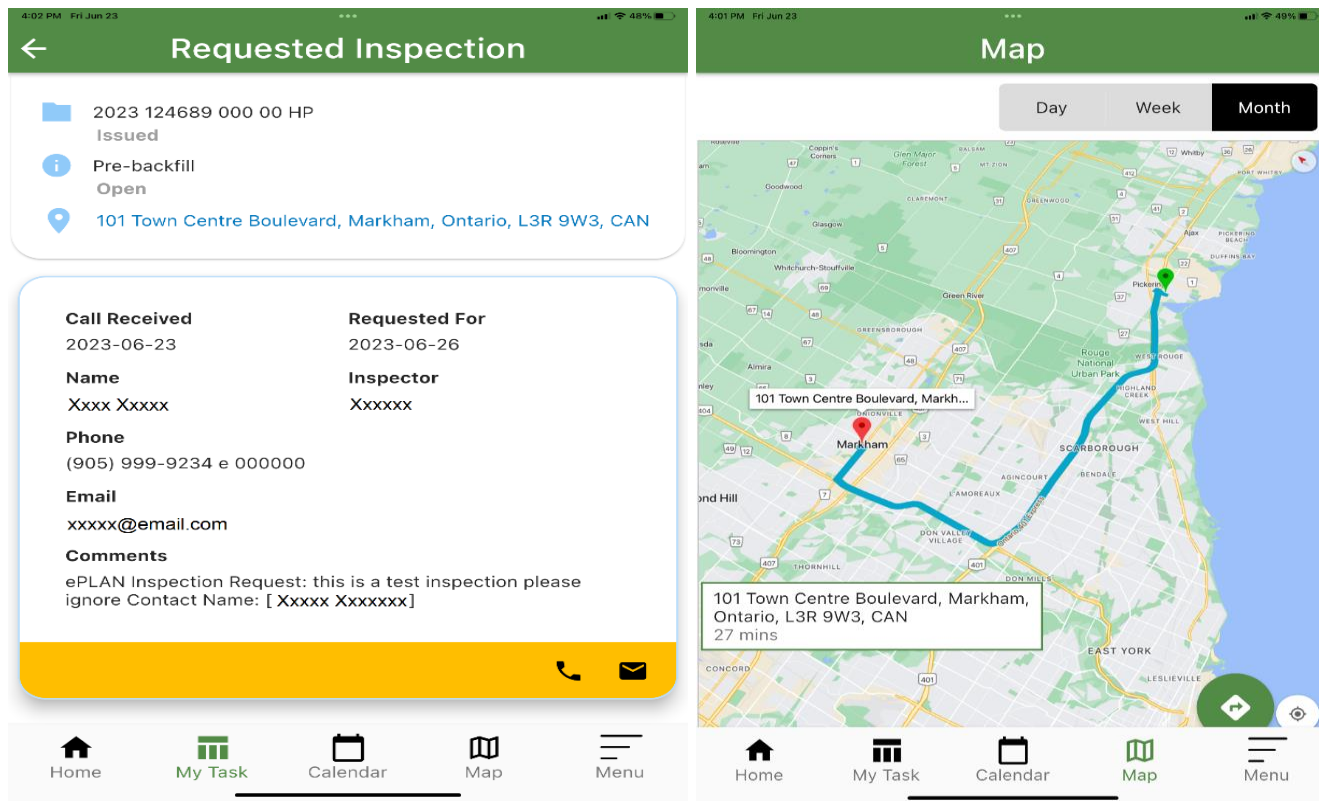
- Mobile app for building inspections
- Allows access to live permit information, drawings,
- Enables inspectors to complete inspection results on the field.





## ePlan Mobile Inspection App Project

- Intuitive menu options
- Detailed Inspection request
- Best route mapping
- Easy archiving of inspection photos





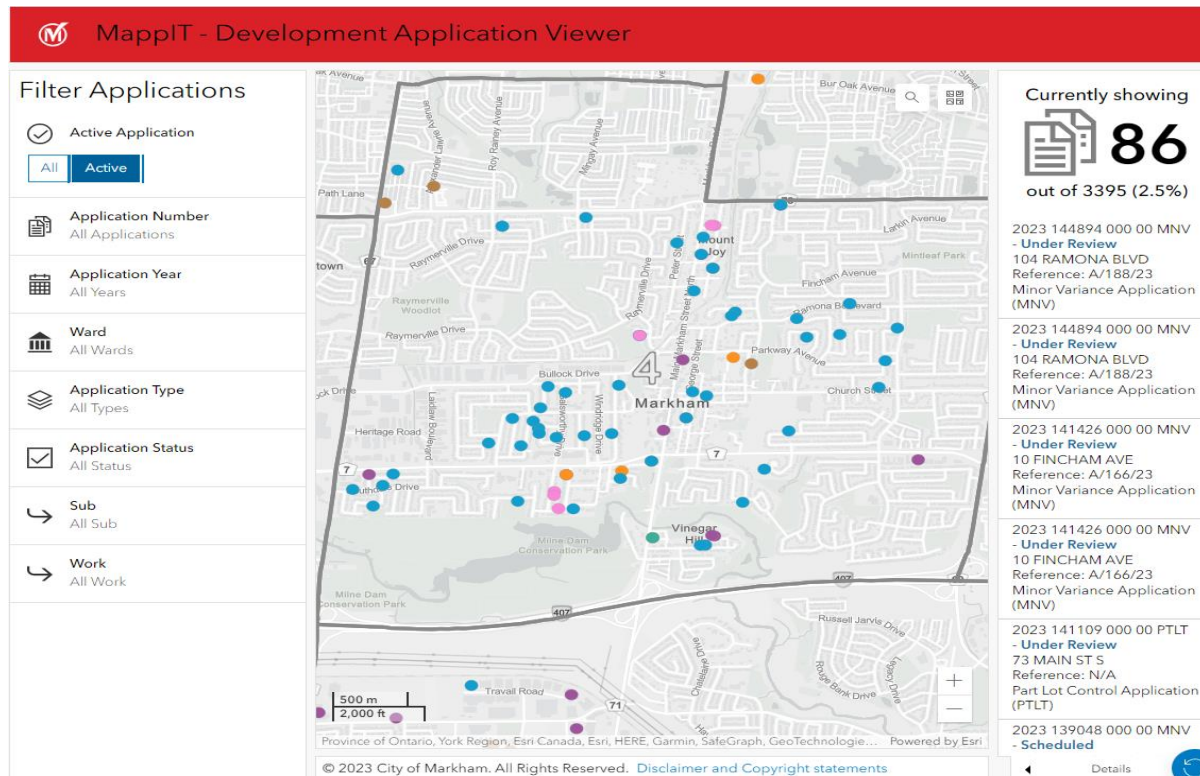
# MappiT-Development Application Viewer Project

## Project Description

- City map in GIS with development application
- Displays applications by type and year
- Includes supporting documentation

## Purpose

- Increase transparency and confidence in the development application process





# 3D Model Development and Procedural Rules Project

## Project Description

- 3D model built in ESRI ArcGIS CityEngine
- Markham Centre & Markham Road/Mount Joy Secondary Plan Area

## Purpose of the Model

- Analyze proposed developments
- Calculate development statistics and compare alternatives
- Review impact of development application
- Inform policy initiatives by calculating population growth, number of units

