



Teston Road, City of Vaughan

PUBLIC WORKS CAPITAL INFRASTRUCTURE STATUS UPDATE

Presented to
Committee of the Whole

Presented by
Pina Accardi
Salim Alibhai

Presented on
May 7, 2026



Presentation Objectives

- Provide a Public Works capital program overview
- Highlight recent accomplishments
- Review key growth infrastructure
- Review asset management programs

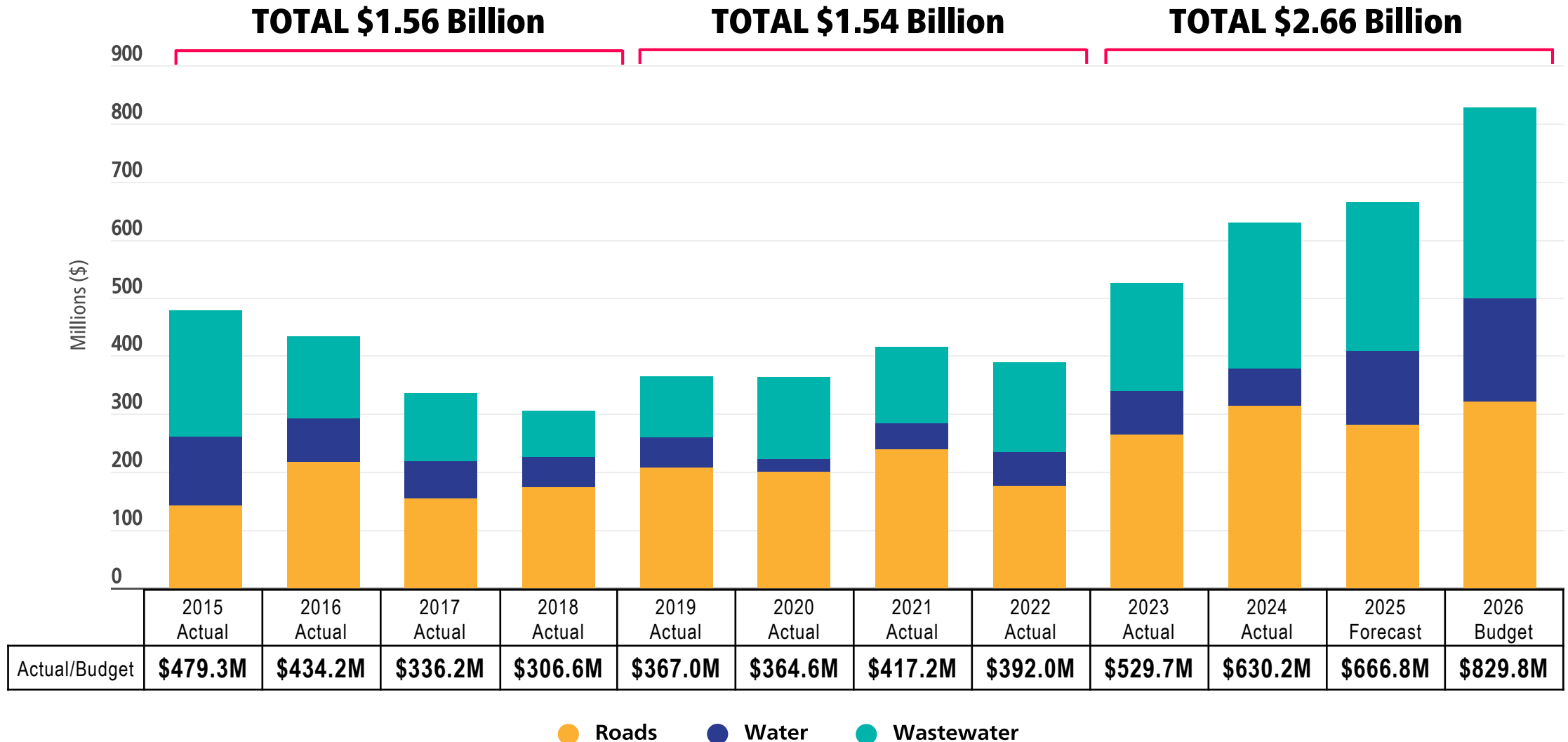


An aerial photograph showing a wide, multi-lane road with a green median and shoulders. To the right of the road is a large residential development with many houses. The surrounding area includes fields, trees with autumn foliage, and a distant city skyline under a clear blue sky.

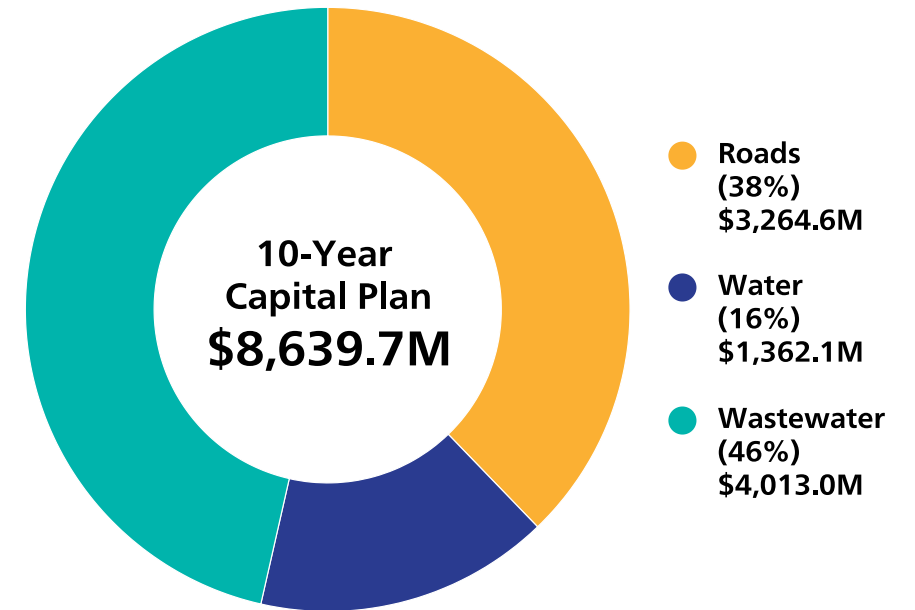
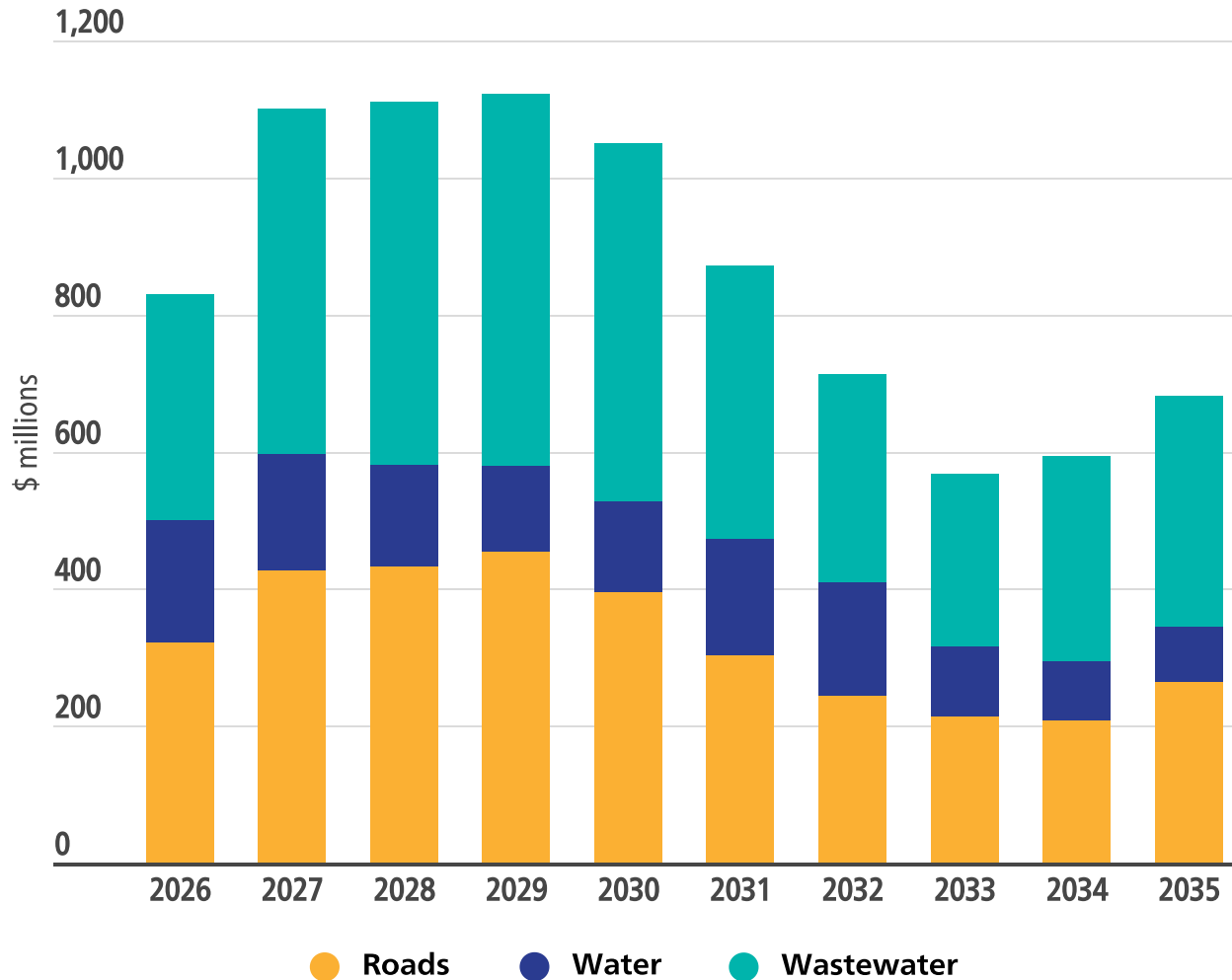
York Region Public Works
**CAPITAL INFRASTRUCTURE
STATUS UPDATE**

PUBLIC WORKS CAPITAL PROGRAM OVERVIEW

Record Investment in Roads, Water and Wastewater Programs



\$8.64 Billion in Roads, Water and Wastewater 10-Year Capital Plan



Delivering Key Programs Across All Municipalities



WASTEWATER
\$4.0B

North YDSS Expansion Phases 1-3 **\$1,395.9M**
Duffin Creek WPCP Primary System, Incinerators and Upgrades **\$937.0M**
West Vaughan & NE Vaughan Sewage **\$520.9M**
York Durham Sewage System Rehab **\$361.6M**
Primary Trunk Sewer and Forcemain **\$303.5M**
Nobleton Wastewater Servicing **\$88.4M**



WATER
\$1.4B

Transmission Main **\$205.8M**
Ground & Surface Water Treatment **\$272.5M**
North Markham Water **\$122.3M**
Bloomington Road Bayview Avenue Watermain **\$101.1M**
Water CA Joint Initiatives **\$71.0M**
NE Vaughan & West Vaughan Water **\$67.1M**



ROADS
\$3.3B

Renewal Roadways **\$1,029.2M**
Growth Widen to 6 Lanes and 4 Lanes **\$852.0M**
Renewal Structures **\$263.2M**
Growth Intersections **\$232.8M**
Growth Facilities Roads **\$172.4M**
Growth New Infrastructure **\$166.5M**

2026 Capital Construction Map

Project Type

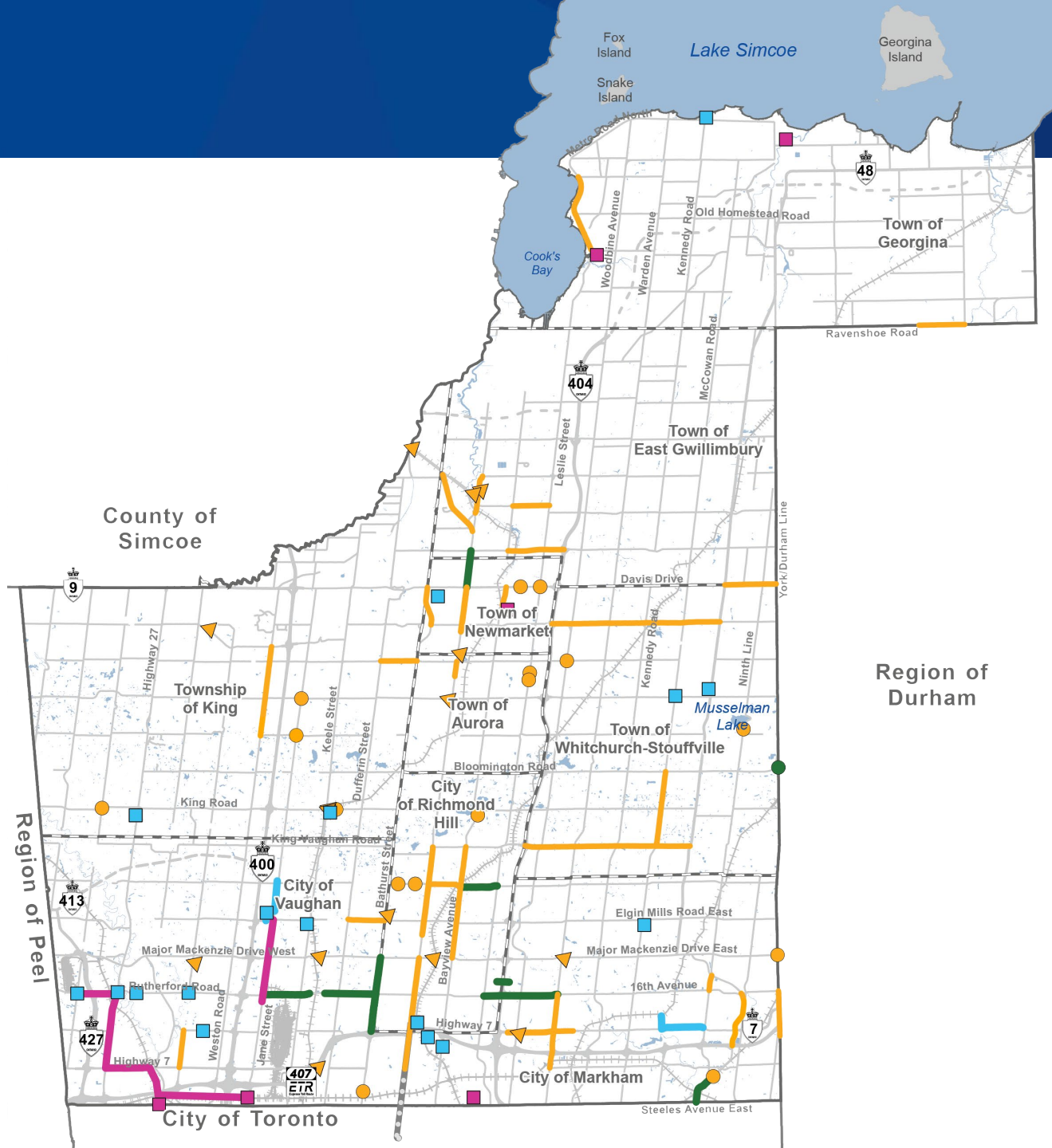
- △ Bridge/Culvert/Retaining Wall
- Interchange/Intersection
- Pumping Station, Storage, Treatment Plant, Well, Valve
- Road, Watermain, Sewer

Construction Type

- Roads (Growth)
- Roads (Asset Management)
- Water
- Wastewater

* Intersection improvements completed in conjunction with road rehabilitation are not shown

-  Yonge Street North Subway Extension (YNSE)
-  Provincial Freeway
-  Provincial Highway
-  Regional Road
-  Railway
-  Chippewas of Georgina Island First Nation
-  Water Bodies



Capital Coordination and Communications

Engagement and communications are not standalone activities – they are built directly into each phase of the project delivery process.

Construction notices and updates

GREAT STREETS
Building Toronto's Best Community 2025

December 2025
Township of King and Town of Bradford West Gwillimbury

Construction Update - Holland River Bridge Rehabilitation

York Region continues with urgent repairs to the Holland River Bridge, at the boundary of the Township of King and Town of Bradford West Gwillimbury, jointly owned with Simcoe County. Work includes repairing and replacing structural components such as the bridge deck, girders and expansion joints, resulting in lane restrictions.

Stage 1 work began in mid-September and is progressing. Weather and poor underwater soil conditions requires additional structural work and materials. While work on the girders is continuing, micropiles will need to be installed deeper in stable soil underwater and that work will resume once the specialized equipment and additional materials arrive.

Construction Schedule

York Region received an in-water work exemption from the Departments of Fisheries and Oceans Canada, advancing Stage 2 construction.

- Stage 1: Expected completion in winter 2026
- Stage 2: Beginning immediately after Stage 1, expected completion late spring 2026

Impacts to Travellers

Traffic will continue to be reduced to one lane in each direction until the project is complete. Travel impacts include:

- Traffic will be shifted to the other side of the bridge when Stage 2 begins
- Turning restrictions and temporary closure of Toll Road to through traffic will continue
- Continued restricted left turn from Highway 11 to Canal Road and from Canal Road to Bridge Street
- No stopping on:
 - Canal Road between Bridge Street and Pumphouse Road
 - Pumphouse Road near Graham Sideroad to the south and near Canal Road to the north
 - Graham Sideroad just east of Pumphouse Road

Travellers will continue to expect delays and should allow for extra travel time. The Region is monitoring traffic conditions and making adjustments to help with the flow of traffic. As with all construction projects, work may be rescheduled due to weather. York Region will provide advance notice where possible.

For construction updates about other projects in the area, visit york.ca/Highway11 and york.ca/YongeStreet

STAY INFORMED WITH THE LATEST UPDATES

- Visit york.ca/RoadConstruction to view current road construction projects
- Follow @YorkRegionGovt on Facebook

Accessible formats of this notice and communication supports are available upon request.

WE WANT TO HEAR FROM YOU

York Region will be constructing a new groundwater treatment facility on Green Lane in the Town of East Gwillimbury called the **East Gwillimbury Treatment Plant Green Lane**. The new facility will provide servicing to the local drinking water systems, drawing water from two new water production wells.

Private well owners, we want to hear from you!

Private well owners are invited to complete the online Private Well Investigation and Field Verification Study by scanning the QR code.

Visit york.ca/PrivateWellSurvey for more information.

If you have any questions, please contact:
Access York
York Region, Public Works
1-877-464-9675
accessyork@york.ca

Postcards

Project webpages

York Region (The Regional Municipality of York)
July 21 '24

Travellers in **Town of Newmarket** and **Town of East Gwillimbury**: We are starting the next phase of improvements to Yonge Street from Davis Drive to Green Lane. Road widening begins the week of August 5, 2025.

Improvements will include HOV lanes, wider sidewalks, new cycle tracks, upgraded traffic signals and lighting, and a freshly paved road surface.

Lanes will be reduced outside of peak travel times. Business entrances will be open during construction. Please allow extra travel time and use navigation tools to plan your commute. Read more about the project and subscribe for e-news at york.ca/YongeStreet #MoveYR #YongeRoads

BEFORE **AFTER**

210 likes 230 comments 43 shares

Social media

York Region

HEALTH TRANSPORTATION ENVIRONMENT RECREATION BUSINESS SUPPORT HOUSING YORK REGION

HIGH STREET AND WOODRIVER BEND SEWAGE PUMPING STATION

York Region is conducting a Municipal Class Environmental Assessment (Class EA) Study - Schedule B process to replace the wastewater systems and servicing needs for the community of Sutton to 2034, focusing on the High Street and Woodriver Bend Sewage Pumping Stations and the Sutton Wastewater Resource Recovery Facility.

Study Duration: March 2023 to Spring 2026

Metro Road North, Dutton Road, Baseline Road, Highway 48, Black River Road, Park Road, Town of Georgina

Project signs

GREAT STREETS
Building Toronto's Best Community 2025

FUTURE IMPROVEMENTS COMING

to Jane Street
from Teston Road to Kirby Road

For more information, visit
york.ca/JaneStreetStudy

York Region



Public engagement

Innovation in Project Delivery Ensures Value for Money

- Early contractor engagement supports risk identification and helps avoid inflated tender costs driven by technical or commercial uncertainty
- Staff advanced a collaborative Construction Manager at Risk (CMAR) procurement model for two key projects
- Staff are working with the province to modernize Environmental Assessment through the Municipal Projects Assessment Process (MPAP)
- Staff updated procurement processes in accordance with the Buy Ontario directive



Duffin Creek Incinerators 1 and 2 construction, City of Pickering

WATER AND WASTEWATER CAPITAL PROGRAM

ACCOMPLISHMENTS

Growth and System Resilience — Key Project Completions

- Northeast Vaughan Wastewater Servicing Phase 1 (Keele and Langstaff Trunk Sewer)
- Southeast Collector Corrosion Control Facility
- Aurora Sewage Pumping Station Septage Receiving Short Term Upgrades
- Newmarket East Harry Walker Parkway Elevated Tank Rehabilitation
- Ballantrae Wells 1-4 (phased commissioning of chlorine contact tank)
- Georgina Water Treatment Plant Instrumentation and Electrical Upgrades Phase 1
- TSSA Fuel Oil Upgrades (multiple sites)
- North Don Collector Emergency Repair



Chlorine tank installation at Ballantrae Wells 3 and 4, Town of Whitchurch-Stouffville

Key Projects Under Construction

- Nobleton Sewage Pumping Station Upgrades
- Nobleton Water Resource Recovery Facility Expansion
- York Air Valve Venting and Chamber Rehabilitation
- Newmarket Glenway Facility Upgrades
- Davit Arm and Fall Arrest Upgrades
- Duffin Creek Incinerators
- Black Creek 600mm Ductile Iron Forcemain Rehabilitation
- South Maple Reservoir Phase 2 Rehabilitation
- Georgina Water Treatment Plant Mussel Control System and Site Works Rehabilitation
- King City Fisher and Markham Milliken Elevated Tank Recoating
- Markham Highway 7 Ductile Iron Watermain Replacement



Inside the South Maple Reservoir,
City of Vaughan

Key Contracts for Accelerating Housing-Enabling Infrastructure

Construction Manager at Risk (CMAR) Procurements

- North YDSS Phase 1 Expansion
- Primary Trunk Twinning

Landowner Financing Agreements

- McCowan Sewer Phase 1 Design Funding Agreement
- McCowan Sewer Phase 2 Design Funding Agreement
- Nobleton Wastewater Servicing Construction Financing Agreement



Nobleton Water Resource Recovery Facility,
Township of King

KEY GROWTH INFRASTRUCTURE

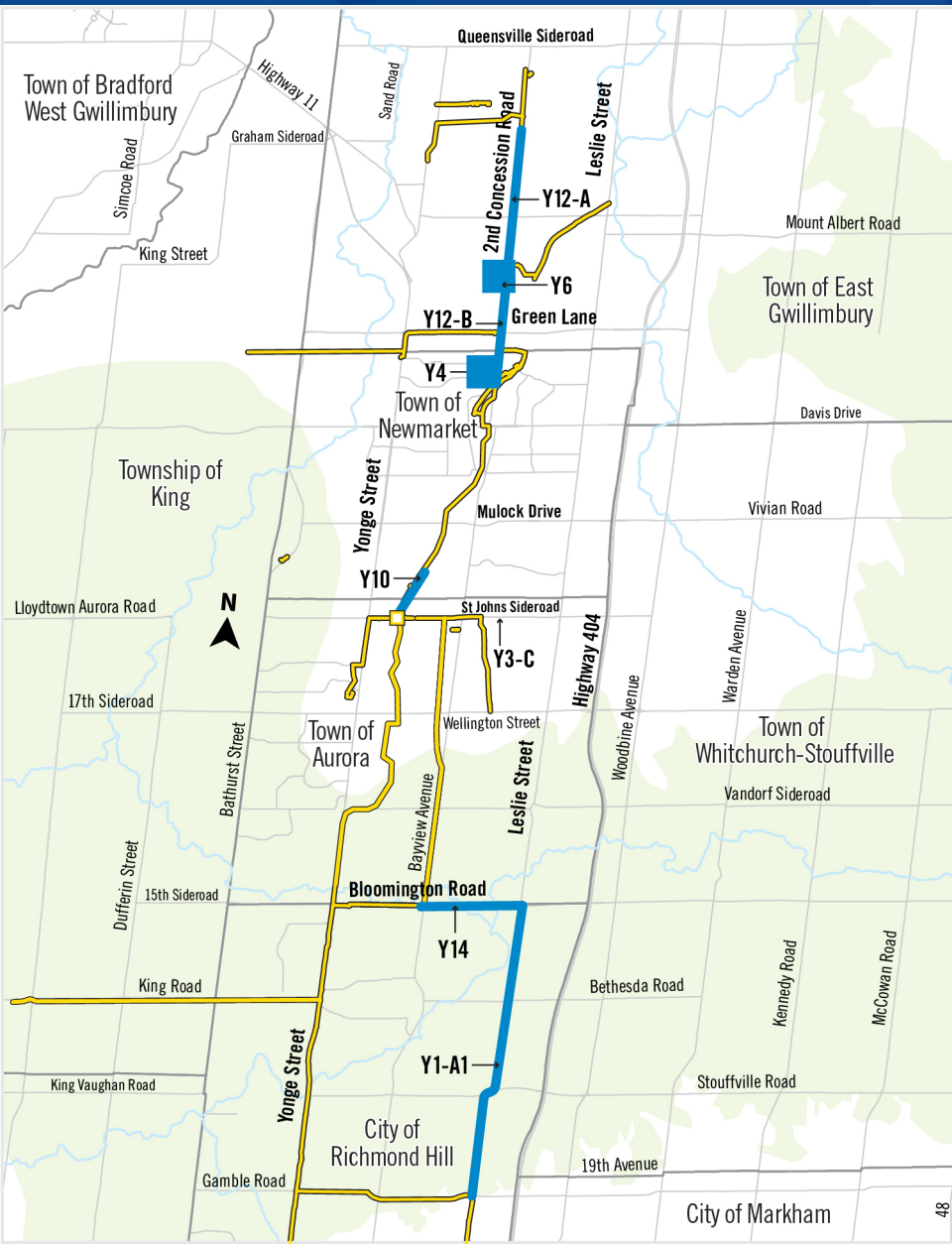
North YDSS Phase 1 and Primary Trunk



PROJECT COST
Phase 1 - 715.3M
Primary Trunk - 240.4M



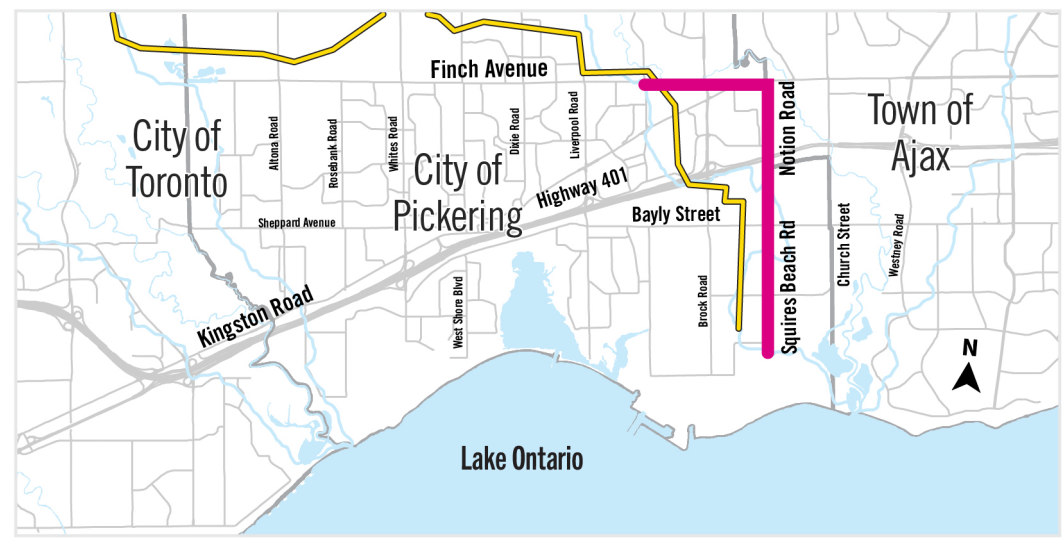
COMPLETION
Phase 1 — 2028/2030
Primary Trunk- 2031



Phase 1

- Y1-A1 Leslie Street Trunk Sewer
- Y4 Newmarket SPS Upgrade
- Y6 2nd Concession SPS Upgrade
- Y10 Aurora SPS Gravity Sewer Twinning
- Y12-A/B 2nd Concession North and South Gravity Sewer
- Y14 Bloomington Interceptor Sewer
- Existing Sewer
- P3 Primary Trunk Twinning

YDSS Primary System Expansion



Northeast Vaughan Servicing - Wastewater

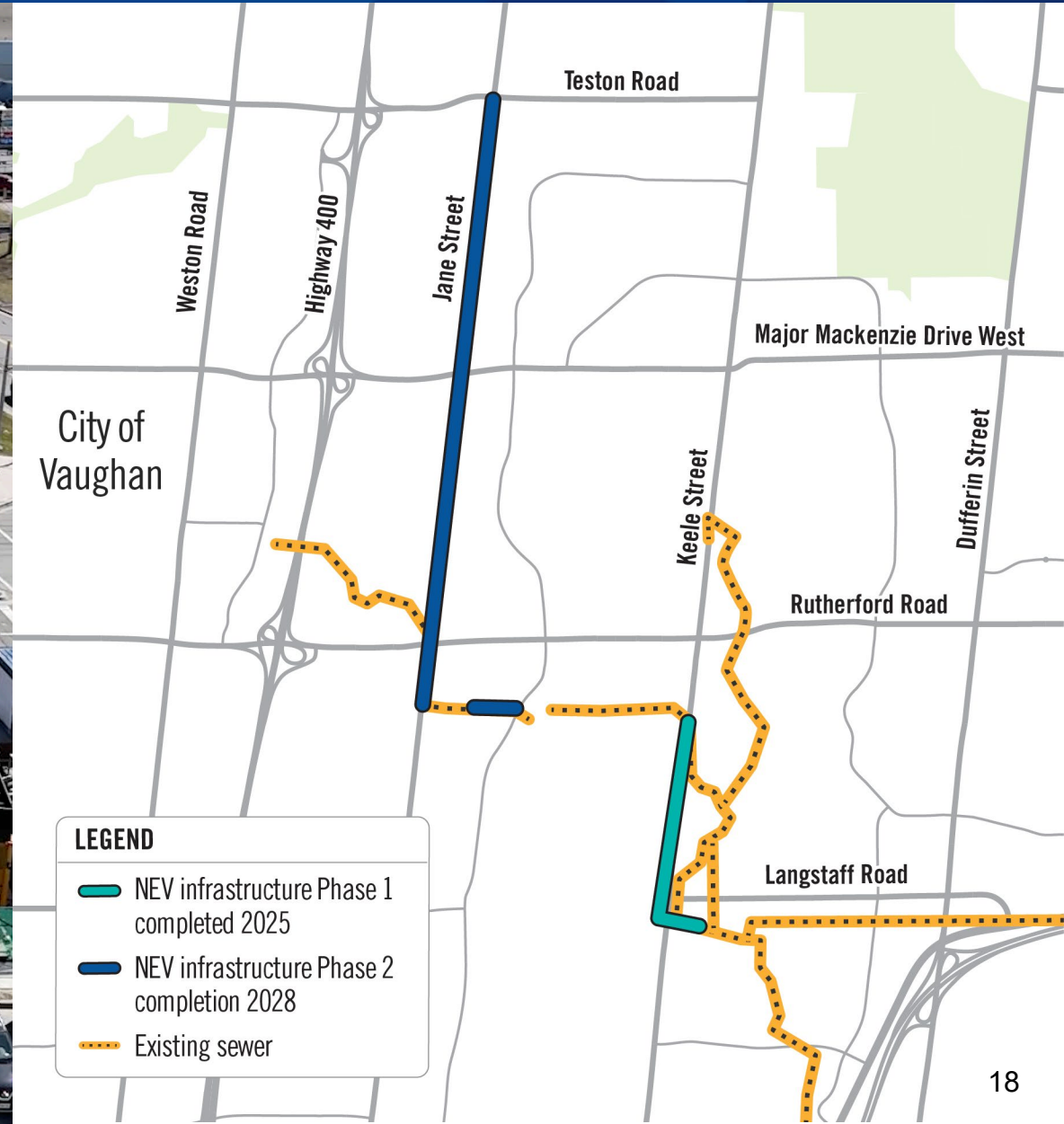
STATUS
CONSTRUCTION

PROJECT COST
150.6M

COMPLETION
Phase 1 - 2025
Phase 2 - 2028



Northeast Vaughan sewer construction and restoration on Keele Street, City of Vaughan



Northeast Vaughan Servicing - Water

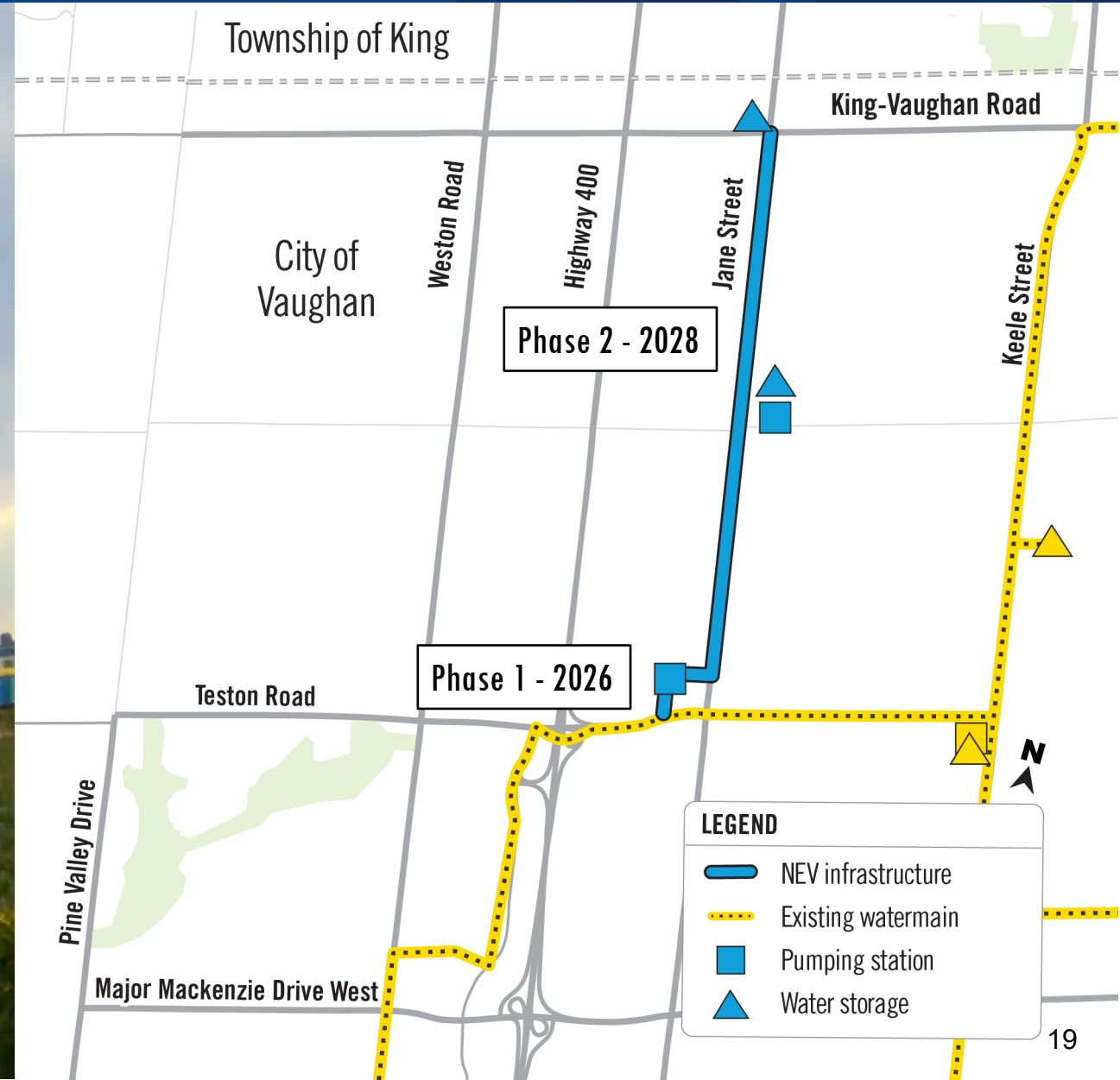
STATUS
CONSTRUCTION

PROJECT COST
142.8M

COMPLETION
Phase 1 - 2026
Phase 2 - 2028



Northeast Vaughan Water Servicing, Elevated Tank and Pumping Station, City of Vaughan



West Vaughan Sewage Servicing

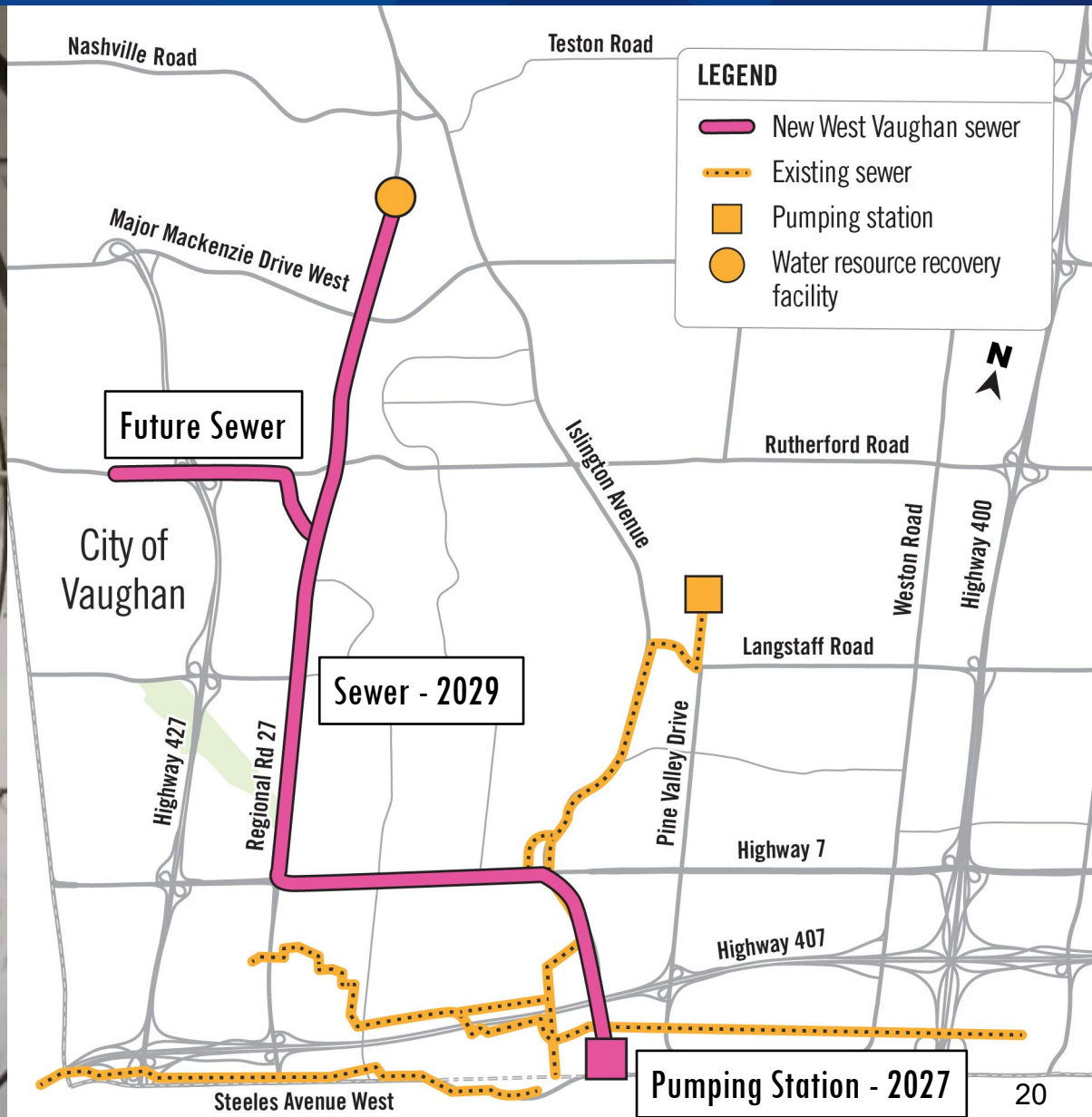
 STATUS
CONSTRUCTION

 PROJECT COST
687.3M

 COMPLETION
Pump Station - 2027
Sewer - 2029



WVSS Tunnel near Highway 27 and Highway 7, City of Vaughan

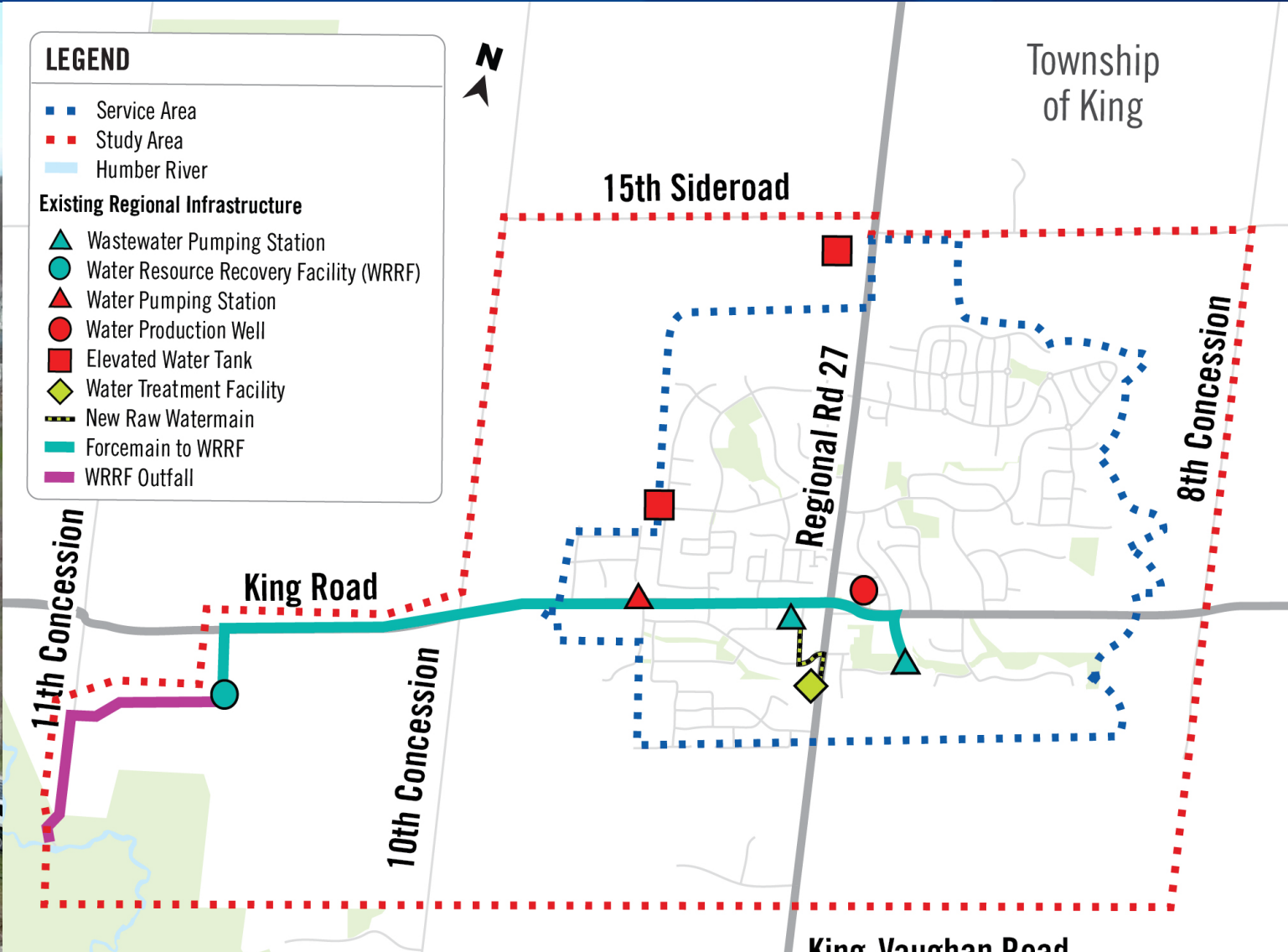


Nobleton Water and Wastewater Servicing

STATUS
CONSTRUCTION

PROJECT COST
128.3M

COMPLETION
2028



Nobleton Well 5 (left); Nobleton Class Environmental Assessment Service and Study Area map (right), Township of King

Sutton Wastewater Servicing

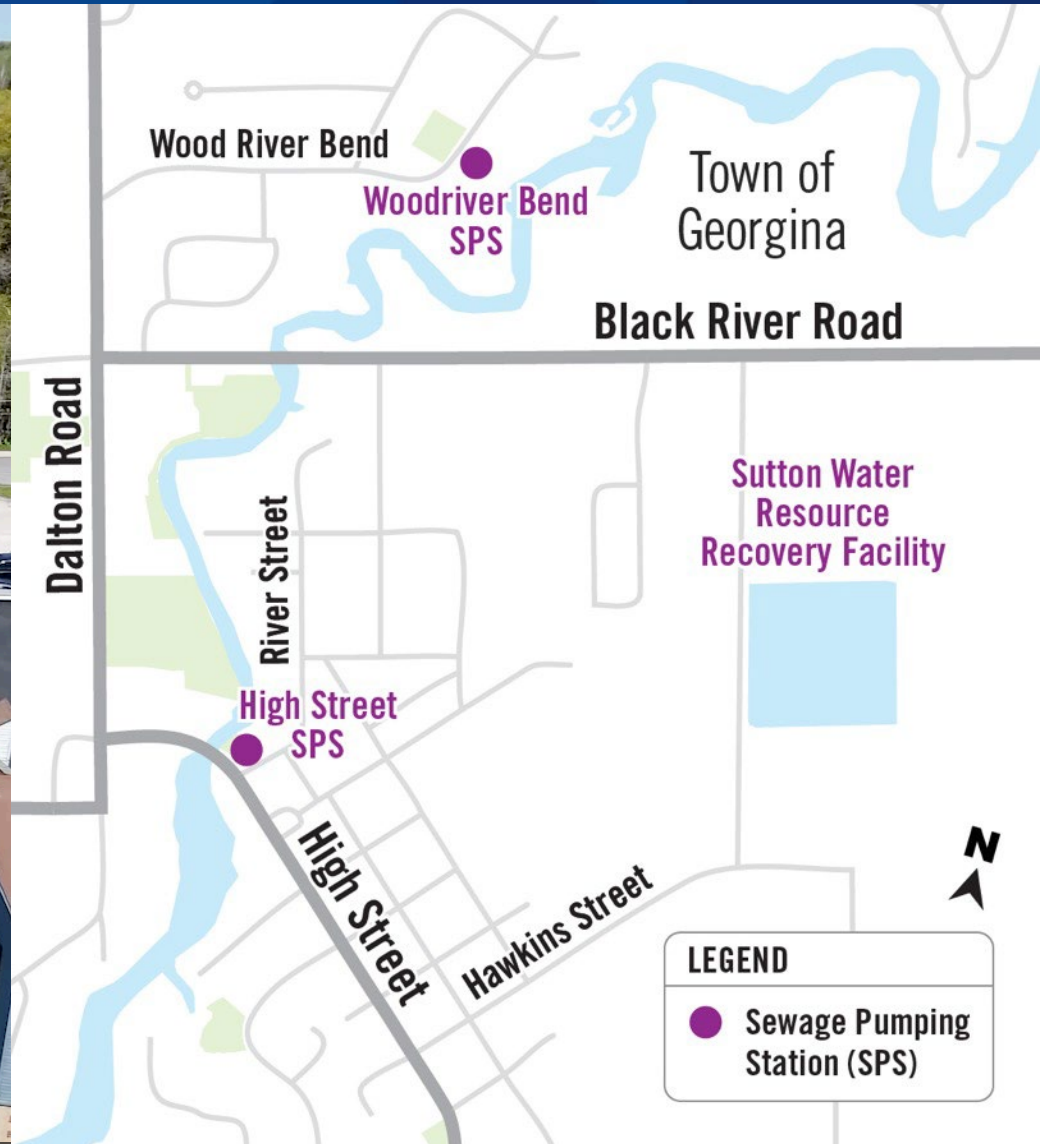
STATUS STUDY

PROJECT COST
63.9M

COMPLETION
2034



High Street Sewage Pumping Station, Town of Georgia



North Markham Water and Wastewater Servicing



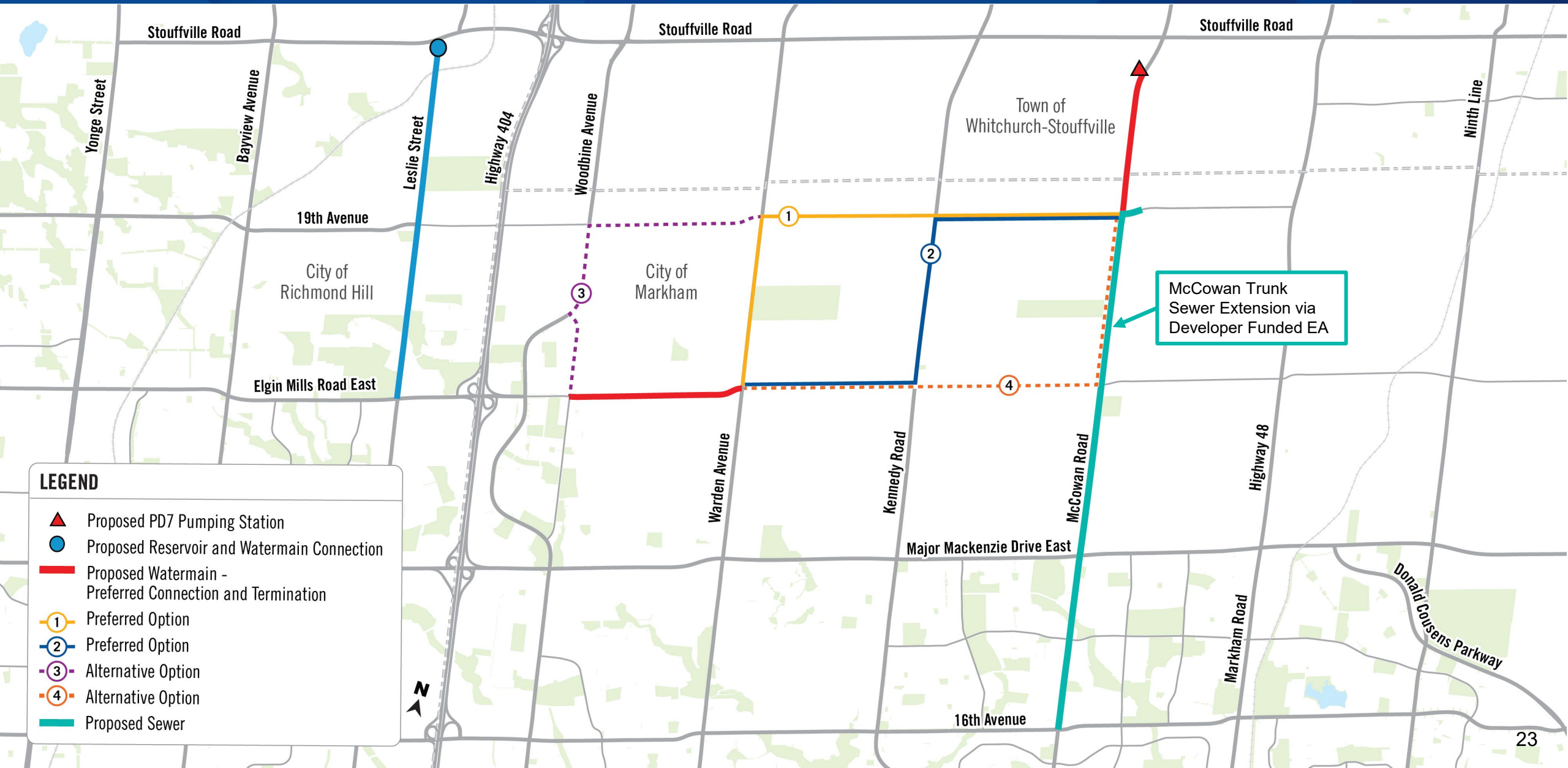
STATUS
STUDY











PROJECT COST
195.9M



COMPLETION
2035



LEGEND

-  Proposed PD7 Pumping Station
-  Proposed Reservoir and Watermain Connection
-  Proposed Watermain - Preferred Connection and Termination
-  Preferred Option 1
-  Preferred Option 2
-  Alternative Option 3
-  Alternative Option 4
-  Proposed Sewer

KEY ASSET MANAGEMENT PROGRAMS

Upgrading Water Infrastructure to Maintain Safe, Clean Drinking Water

 PROGRAM COST
796.6M



South Maple Reservoir, City of Vaughan



Newmarket East Elevated Tank, Town of Newmarket

Upgrading Wastewater Infrastructure to Protect Our Environment

 PROGRAM COST
989.6M



Duffin Creek digester upgrades, Town of Ajax

Oak Ridges Air Management Facility, City of Richmond Hill

ROADS CAPITAL PROGRAM

ACCOMPLISHMENTS

King Road Reconstruction



STATUS
COMPLETE



PROJECT COST
26.4M

Bathurst Street to Yonge Street



Reconstruction of existing four-lane road, replacing and adding sidewalks, watermain and culvert replacement, City of Richmond Hill



New culvert on King Road, west of Yonge Street, City of Richmond Hill

Teston Road Widening



STATUS
COMPLETE



PROJECT COST
55.2M

Pine Valley Drive to Weston Road



Teston Road at Purpleville Creek, east of Pine Valley Drive, City of Vaughan



New bridge over Purpleville Creek with trail on Teston Road, City of Vaughan



ORIGINAL TESTON ROAD ALIGNMENT

Realigned intersection at Teston Road and Pine Valley Drive, City of Vaughan

Road Rehabilitation and Resurfacing

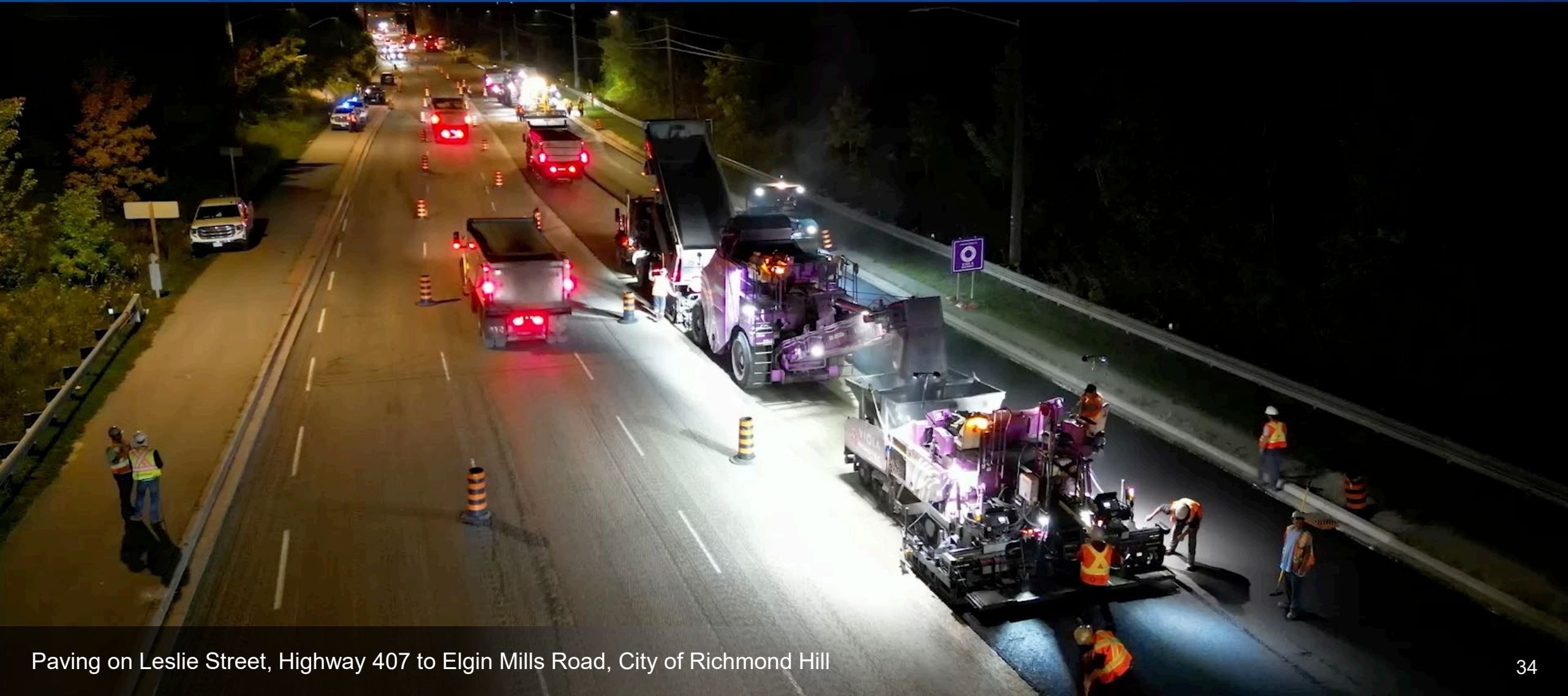
Rehabilitated and resurfaced over **340** lane-kilometres of roads throughout the Region



STATUS
COMPLETE



2025 PROGRAM COST
60.3M



Paving on Leslie Street, Highway 407 to Elgin Mills Road, City of Richmond Hill

Structure Rehabilitation and Replacement

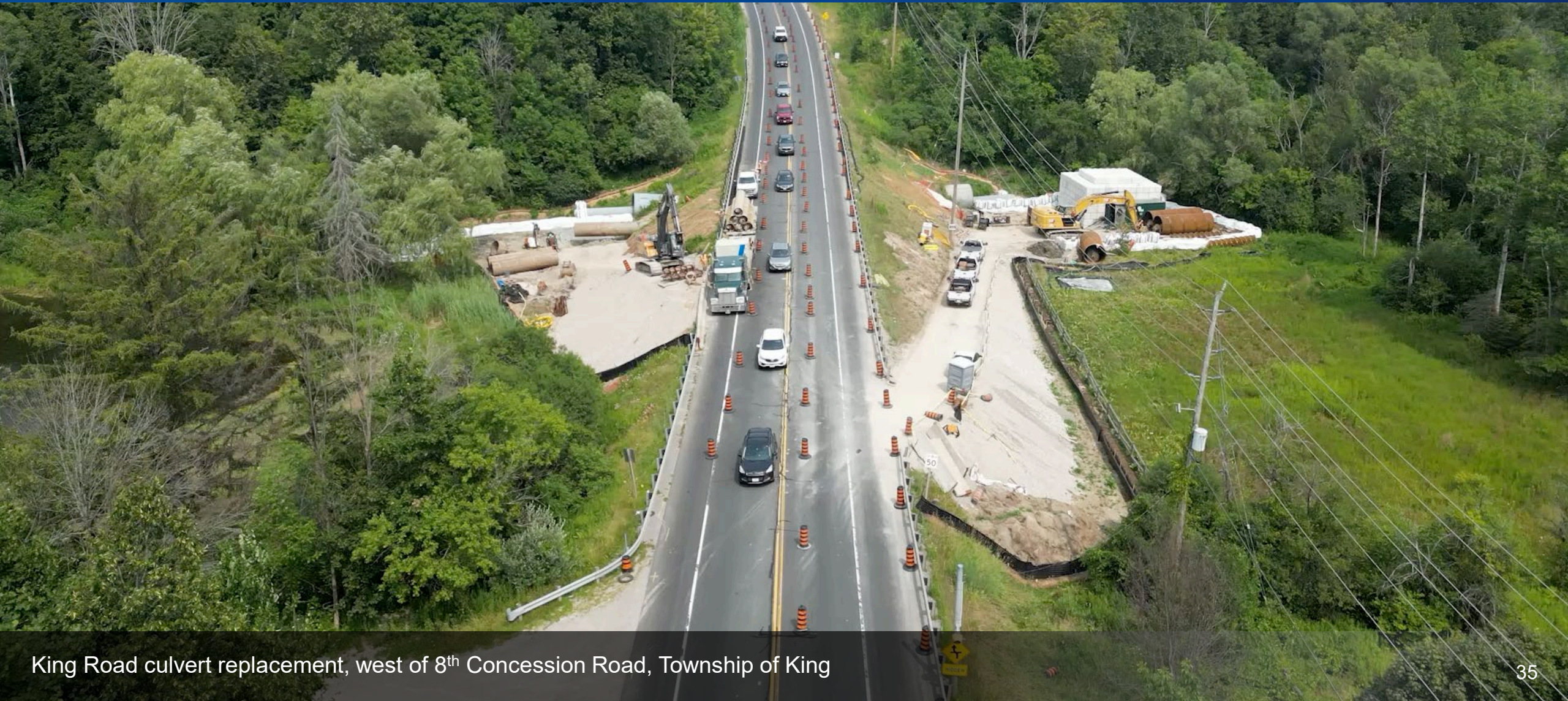
Rehabilitated 7 and replaced 1 structure throughout the Region



STATUS
COMPLETE



2025 PROGRAM COST
24.3M



King Road culvert replacement, west of 8th Concession Road, Township of King

Intersection Modernization

* Does not include the cost of 9 intersections improved in conjunction with road rehabilitation projects

Improved 24 intersections throughout the Region

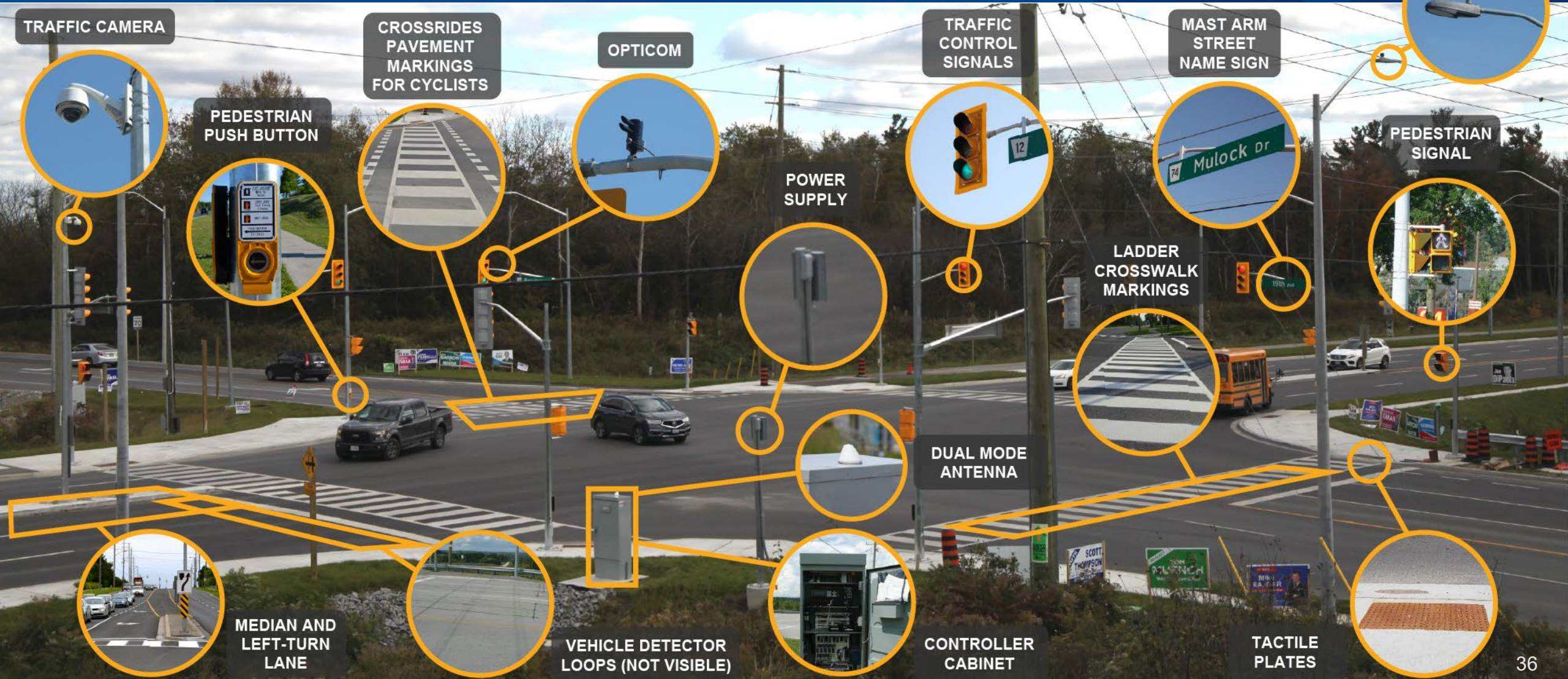


STATUS COMPLETE



2025 PROGRAM COST
3.9M*

STREET LIGHTS



TRAFFIC CAMERA

PEDESTRIAN PUSH BUTTON

CROSSRIDES PAVEMENT MARKINGS FOR CYCLISTS

OPTICOM

POWER SUPPLY

TRAFFIC CONTROL SIGNALS

MAST ARM STREET NAME SIGN

PEDESTRIAN SIGNAL

LADDER CROSSWALK MARKINGS

DUAL MODE ANTENNA

CONTROLLER CABINET

TACTILE PLATES

VEHICLE DETECTOR LOOPS (NOT VISIBLE)

MEDIAN AND LEFT-TURN LANE

Protection of Endangered Jefferson Salamanders



Tunnel installation on Stouffville Road



Jefferson salamander crossing Stouffville Road prior to tunnel installation



Infrared cameras at new wildlife crossing on Stouffville Road, City of Richmond Hill

High Reclaimed Asphalt Pavement (RAP) Trial

- First performance-based trials in Canada
- Partnership with the National Research Council of Canada
- Reduced greenhouse gas emissions, resource conservation and cost savings



Stone Mastic Asphalt (SMA) Trial

- Performance-based trial of different mixes
- Reduced greenhouse gas emissions through use of warm-mix asphalt and improved pavement durability



Installation of sensors for high RAP trial
Leslie Street, City of Richmond Hill

ONGOING AND FUTURE PROJECTS

Roads Capital Plan Deliverables



10-YEAR GROWTH CAPITAL PLAN
1.70B



5-YEAR ASSET MANAGEMENT CAPITAL PLAN
0.72B

Program Type

- Growth Capital Program (2026-2035)
- Asset Management (2026-2030)

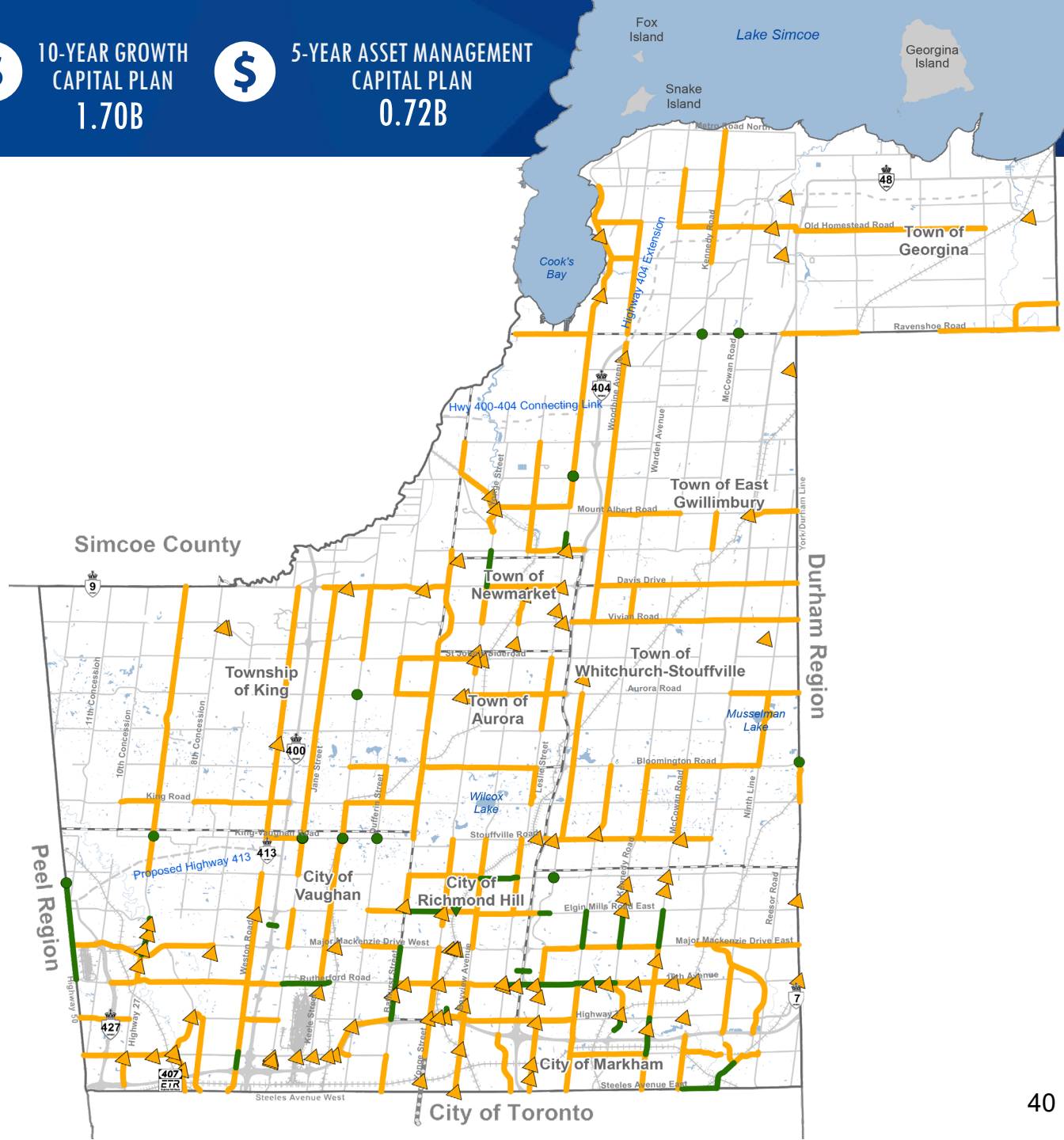
BASE MAP INFORMATION

- Bridge/Culvert Replacement/Improvement
- Interchange/Intersection Improvement
- Yonge Street North Subway Extension (YNSE)
- Provincial Freeway
- Provincial Highway
- Regional Road
- Railway
- Chippewas of Georgina Island First Nation
- Water Bodies



Produced by: Transportation Infrastructure Asset Management, Public Works - September 2024

Base map data: King's Printer for Ontario 2003-2024



2026 Roads Capital Construction Map

Project Type

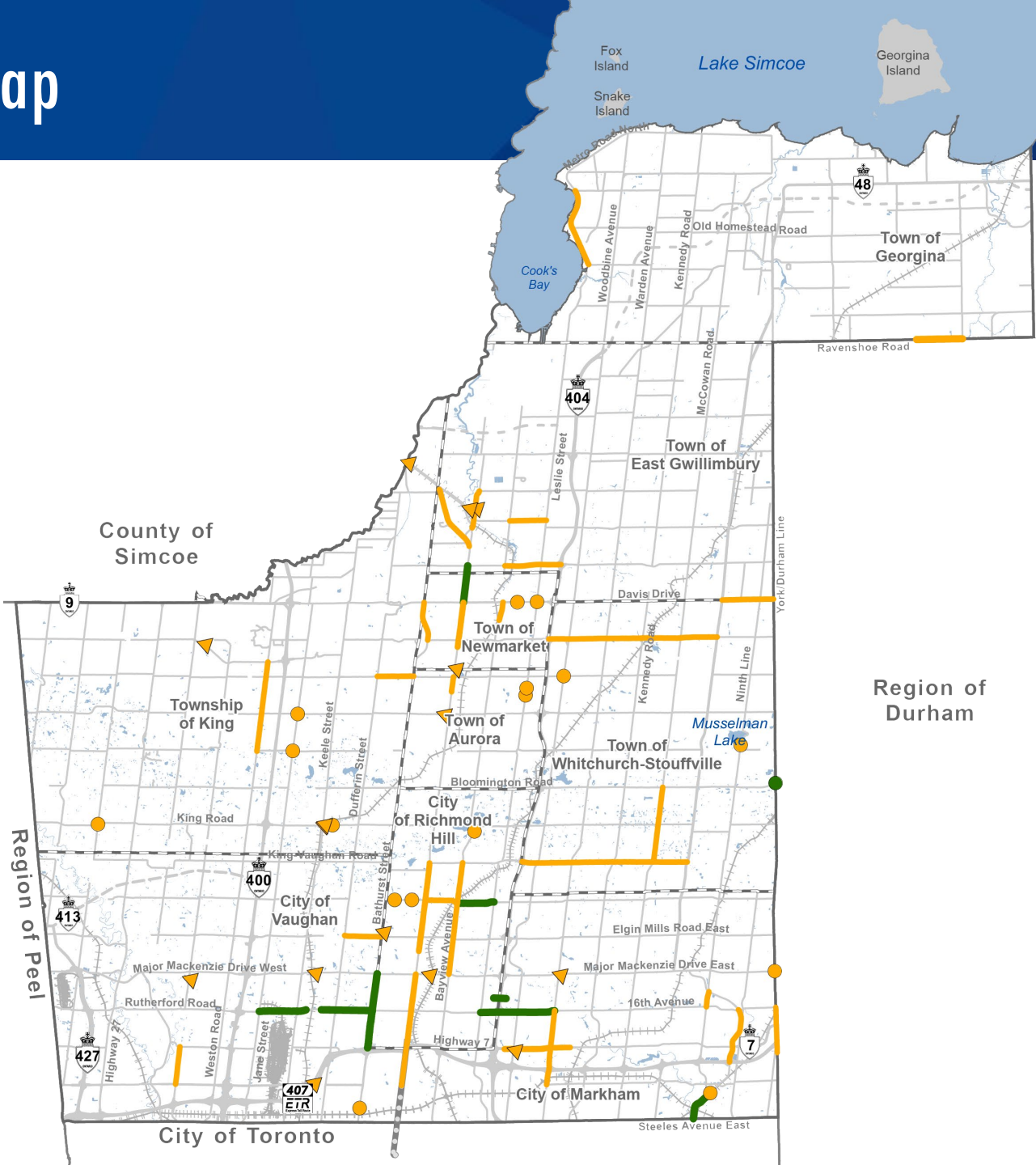
- △ Bridge/Culvert/Retaining Wall
- Interchange/Intersection*

Program Type

- Construction (Growth)
- Construction (Asset Management)

* Intersection improvements completed in conjunction with road rehabilitation are not shown

-  Yonge Street North Subway Extension (YNSE)
-  Provincial Freeway
-  Provincial Highway
-  Regional Road
-  Railway
-  Chippewas of Georgina Island First Nation
-  Water Bodies



GROWTH INFRASTRUCTURE

19th Avenue Widening



STATUS
CONSTRUCTION



PROJECT COST
29.9M



COMPLETION
2027

Bayview Avenue to Leslie Street



Reconstruction and widening from a rural two-lane road to an urban four-lane road, including culvert replacements, new storm sewers, sidewalk and multi-use path, new signalized intersections, illumination and streetscaping, City of Richmond Hill



Preparation underway for road widening, including installing culvert extensions and shifting the road, 19th Avenue, east of Bayview Avenue, City of Richmond Hill

Bathurst Street Widening



STATUS
CONSTRUCTION



PROJECT COST
141.9M



COMPLETION
2028

North of Highway 7 to Major Mackenzie Drive



Reconstruction and widening of urban roadway from four to six lanes, including active transportation, sidewalk, illumination, noise barrier and watermain replacement, City of Richmond Hill and City of Vaughan

Highway 404 Road Crossing



STATUS
CONSTRUCTION

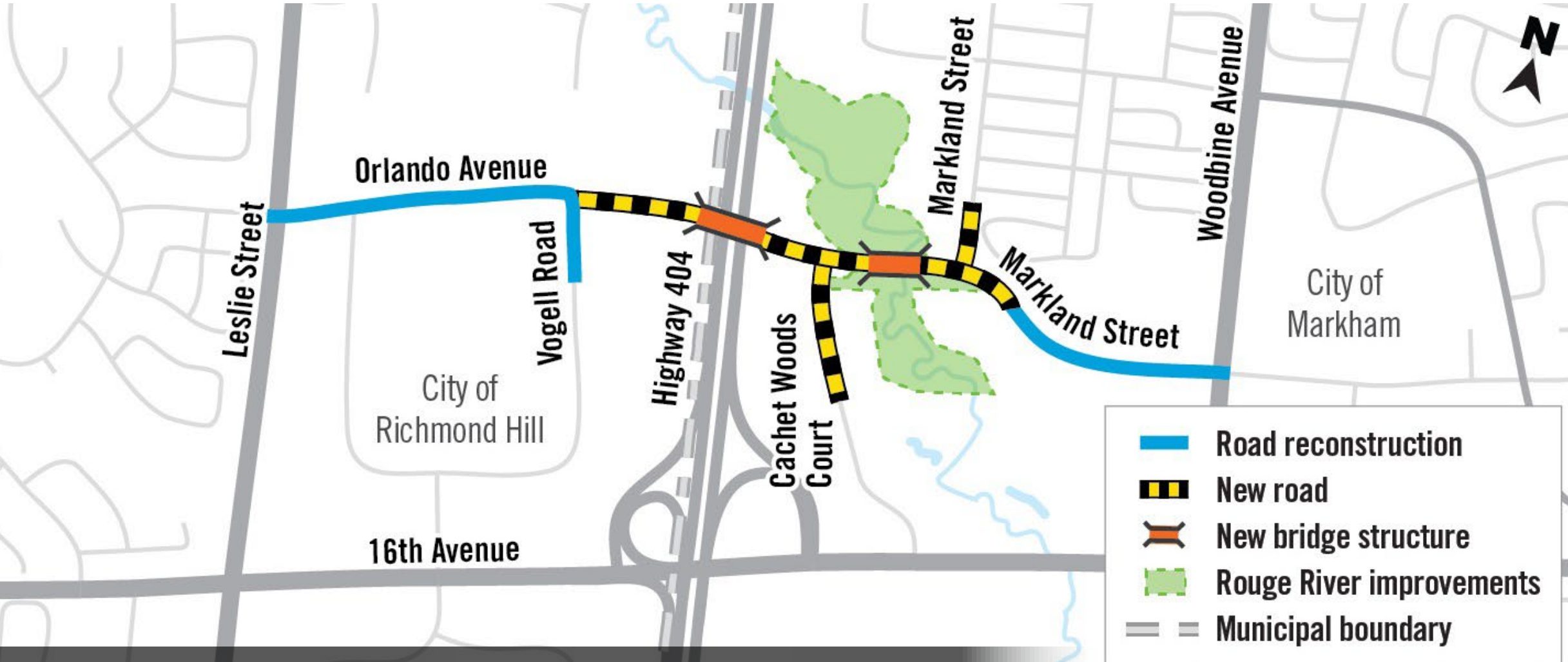


PROJECT COST
110.4M



COMPLETION
2026

North of 16th Avenue



Construction of a new road over Highway 404 to link Orlando Avenue with Markland Street



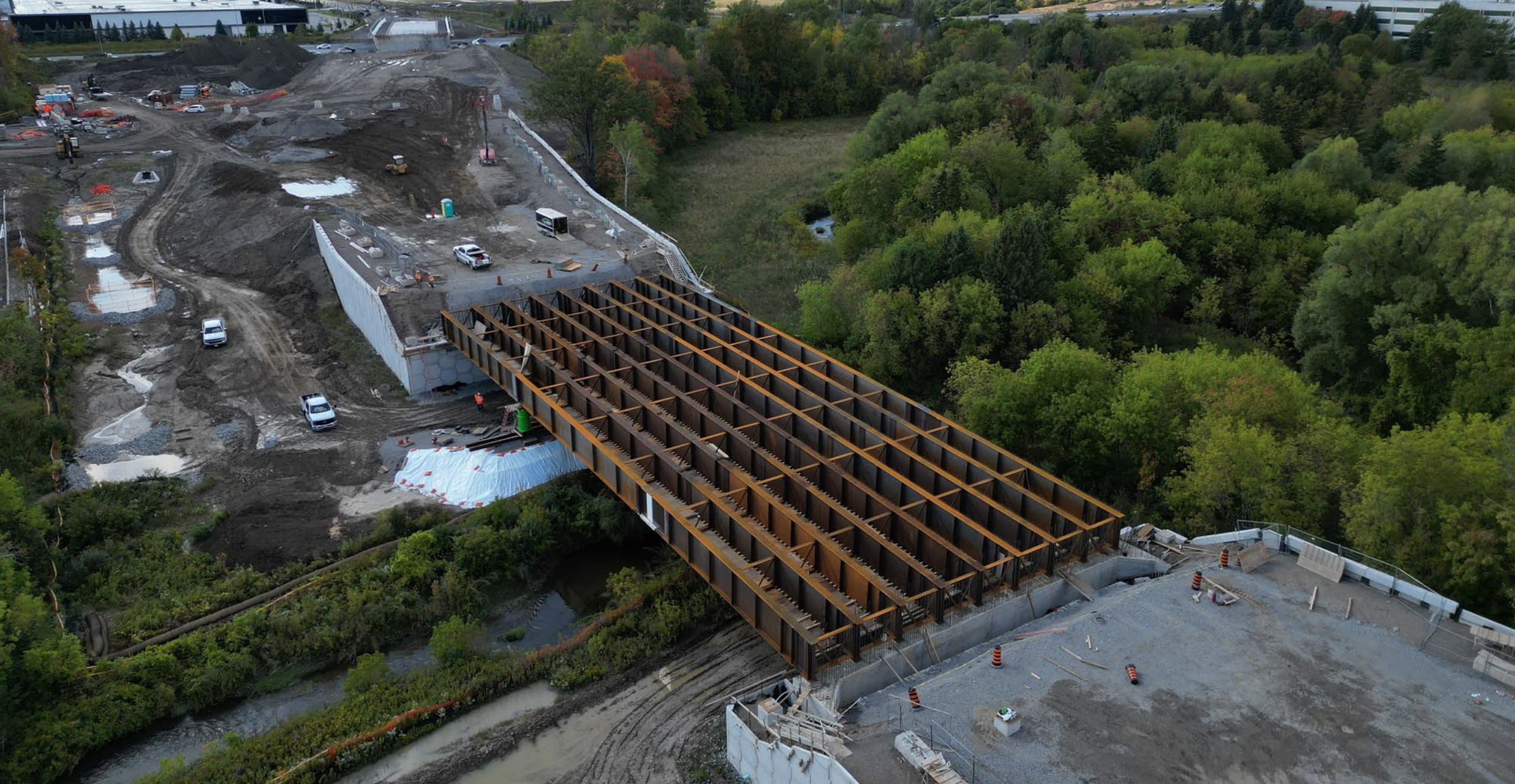
Concrete pouring underway on bridge over Highway 404, looking east toward Markland Street, City of Markham



Concrete pour complete for deck on new bridge over Highway 404, City of Markham and City of Richmond Hill



Preparation for girder installation on new bridge over Rouge River, west of Markland Street, City of Markham



Girder installation complete for new bridge over Rouge River, west of Markland Street, City of Markham

Ninth Line Widening

 STATUS
CONSTRUCTION

 PROJECT COST
21.5M

 COMPLETION
2027

Steeles Avenue to Fieldside Street



Reconstruction and widening from a rural two-lane road to an urban four-lane road, including sidewalk, active transportation, streetscaping and illumination, City of Markham

Rutherford Road Widening

STATUS
CONSTRUCTION

PROJECT COST
102.6M

COMPLETION
2026

Jane Street to Westburne Drive



Road rehabilitation, reconstruction and widening from four to six lanes, including a new, wider bridge over CN Rail tracks, City of Vaughan



Track level work complete for CN Rail bridge on Rutherford Road, east of Melville Avenue/Creditstone Road, City of Vaughan



Timelapse of girder installation for CN Rail bridge on Rutherford Road, east of Melville Avenue/Creditstone Road, City of Vaughan



Aerial view of the CN Rail bridge on Rutherford Road, east of Melville Avenue/Creditstone Road, City of Vaughan



Concrete deck pour for the CN Rail bridge on Rutherford Road, east of Melville Avenue/Creditstone Road, City of Vaughan



Construction of medians on Rutherford Road, east of Melville Avenue/Creditstone Road, City of Vaughan

Rutherford Road Widening



STATUS
CONSTRUCTION

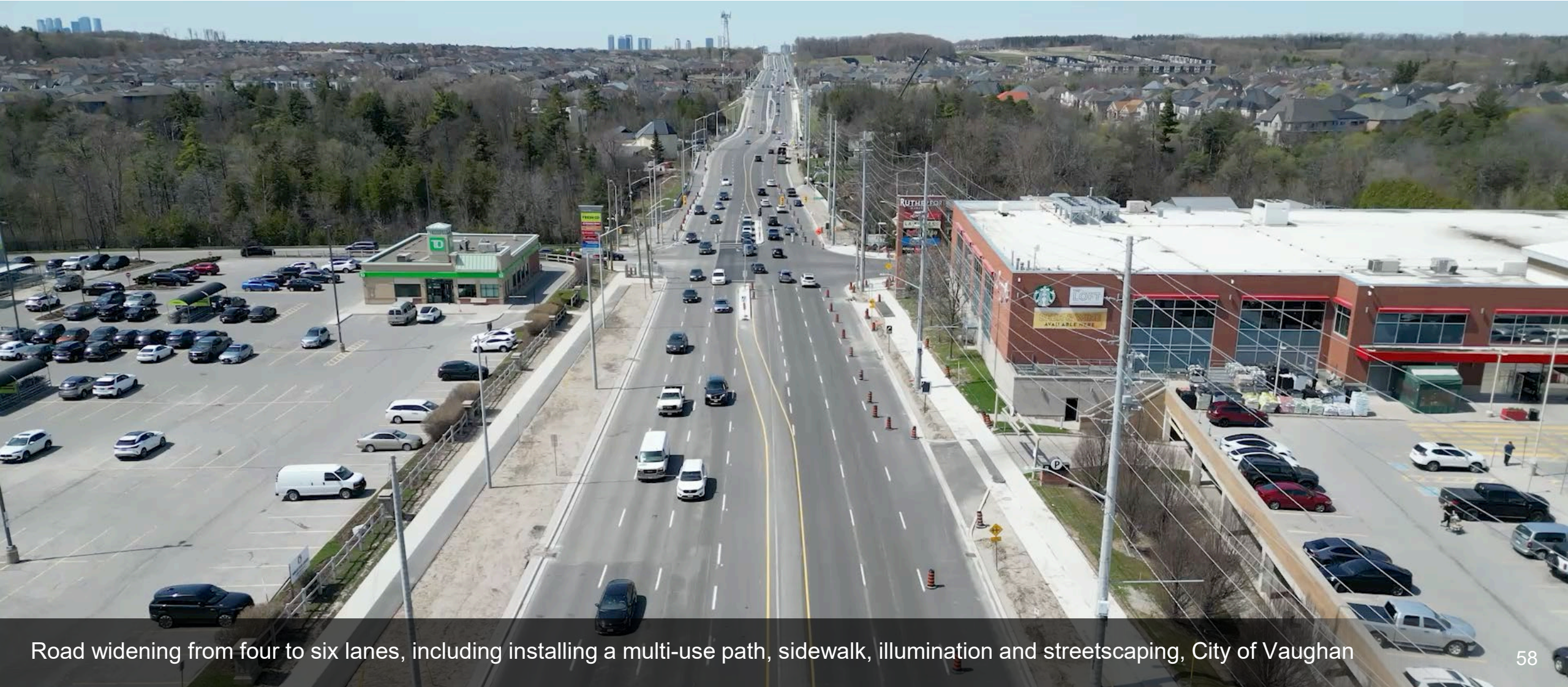


PROJECT COST
49.2M



COMPLETION
2026

Peter Rupert Avenue to Bathurst Street



Road widening from four to six lanes, including installing a multi-use path, sidewalk, illumination and streetscaping, City of Vaughan



Section of Rutherford Road showing new wider cross section and enhanced features, City of Vaughan

Yonge Street Widening



STATUS
CONSTRUCTION



PROJECT COST
117.2M*



COMPLETION
2028

* Total cost of Phase 1 and Phase 2

Davis Drive to Green Lane (Phase 2 – Road Works)



Urbanization and road widening from four to six lanes, including watermain replacement, sidewalk, active transportation facilities and enhanced streetscaping, Town of Newmarket and Town of East Gwillimbury



Widening underway on east side of Yonge Street, north of Davis Drive, Town of Newmarket

16th Avenue Widening



STATUS
PRE-CONSTRUCTION



PROJECT COST
126.0M



COMPLETION
2028

Leslie Street to Warden Avenue



Road widening from four to six lanes, rehabilitation of Rouge River bridge and two culverts, active transportation, sidewalk, illumination, noise barriers and streetscaping, City of Richmond Hill and City of Markham

York Durham Line Roundabout



STATUS
PRE-CONSTRUCTION



PROJECT COST
14.8M



COMPLETION
2028

Intersection improvements at Bloomington Road



Construction of a two-lane roundabout, re-alignment of York Durham Line and closure of Tenth Line to Bloomington Road, Town of Whitchurch-Stouffville

ASSET MANAGEMENT

Road Rehabilitation and Resurfacing

Rehabilitate and resurface **370** lane-kilometres throughout the Region

 STATUS
CONSTRUCTION

 2026 PROGRAM COST
63.6M



Paving on Highway 11, Town of East Gwillimbury

Structure Rehabilitation and Replacement

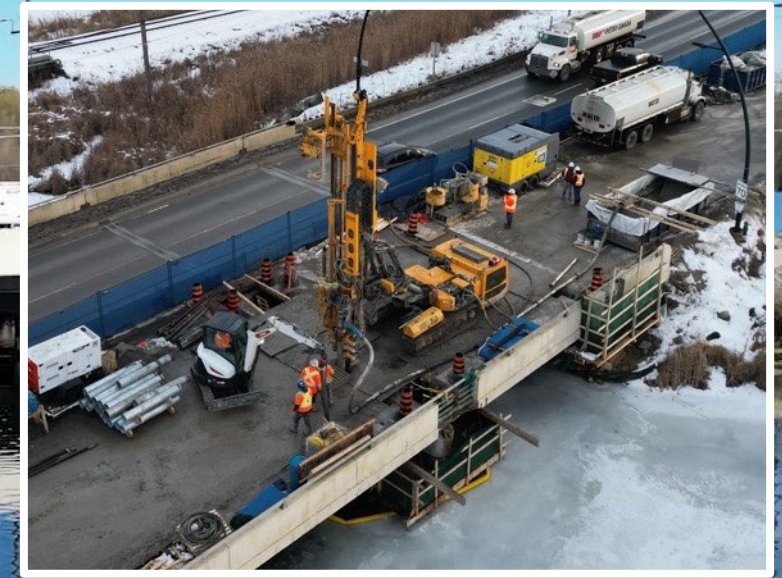
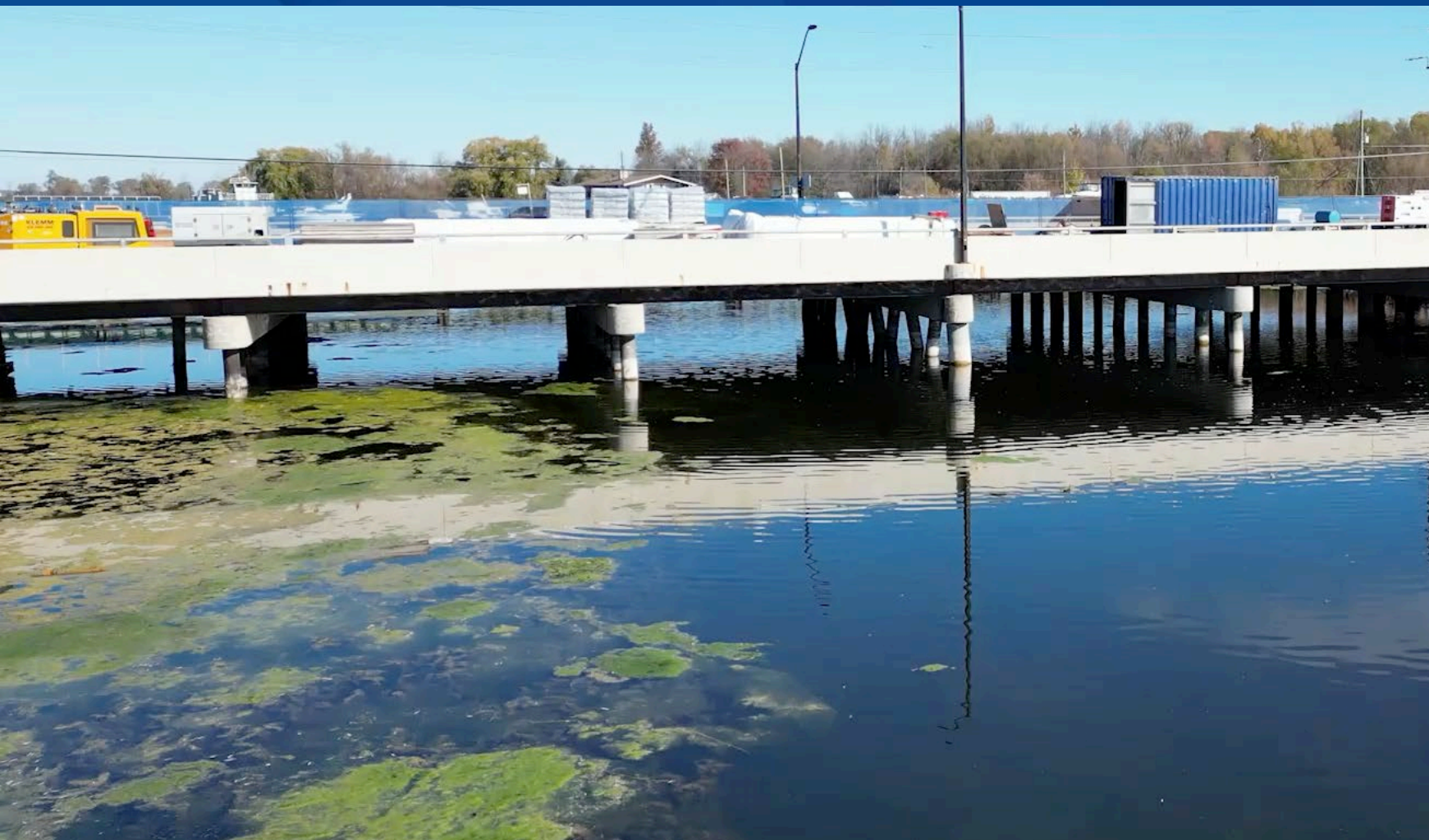
Rehabilitate 11 structures and replace 2 structures throughout the Region



STATUS
CONSTRUCTION



2026 PROGRAM COST
22.4M



Bridge rehabilitation on Highway 11, south of Canal Road, Township of King

Intersection Modernization

* Does not include the cost of 9 intersections improved in conjunction with road rehabilitation projects

Improve **25** intersections throughout the Region

 STATUS
CONSTRUCTION

 2026 PROGRAM COST
4.5M*



New traffic signal installed at Bayview Avenue and Bethesda Sideroad, City of Richmond Hill

KEY MESSAGES

2026 Capital Construction Map

Project Type

- △ Bridge/Culvert/Retaining Wall
- Interchange/Intersection
- Pumping Station, Storage, Treatment Plant, Well, Valve
- Road, Watermain, Sewer

Construction Type

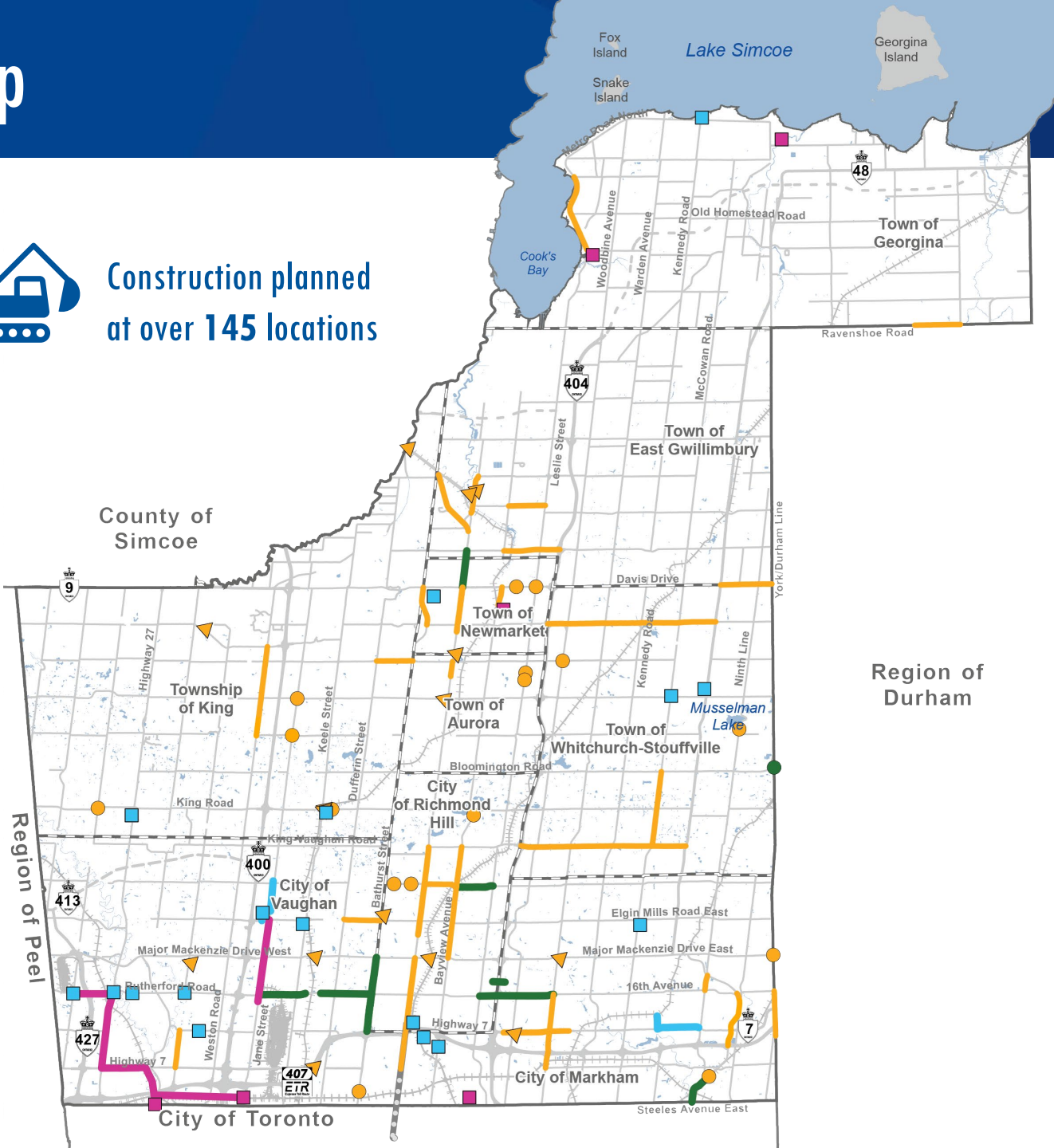
- Roads (Growth)
- Roads (Asset Management)
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-  Yonge Street North Subway Extension (YNSE)
-  Provincial Freeway
-  Provincial Highway
-  Regional Road
-  Railway
-  Chippewas of Georgina Island First Nation
-  Water Bodies



Construction planned at over 145 locations



Balancing Impacts for Construction, Commuters and Communities



CONSTRUCTION



COMMUTERS



COMMUNITIES

Key Messages

1. Record investment in large complex infrastructure capital for Roads, Water and Wastewater during this term of Council
2. Building a network to service the needs of York Region's 1.3 million residents and businesses and enable future growth
3. Council-endorsed Capital Program that balances growth and asset management needs



North Don Collector sewer, City of Richmond Hill

Discussion/Questions

For more information

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