



TRANSPORTATION CAPITAL INFRASTRUCTURE STATUS UPDATE

Salim Alibhai

April 4, 2019

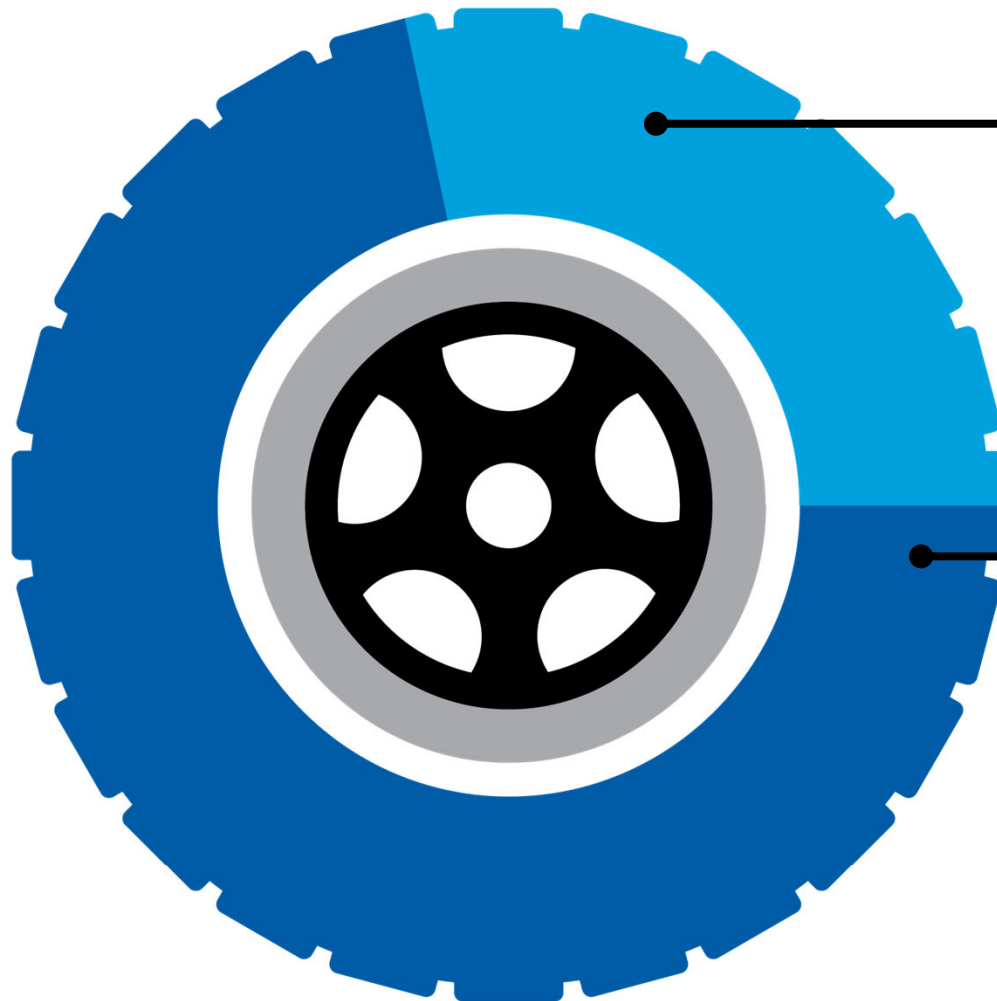


York Region

PRESENTATION OBJECTIVES:

- Overview
- 2018 Accomplishments
- 2019 New and Continuing Projects

\$2.8B* 2019 10-YEAR TRANSPORTATION CAPITAL BUDGET



Transit \$0.8B*

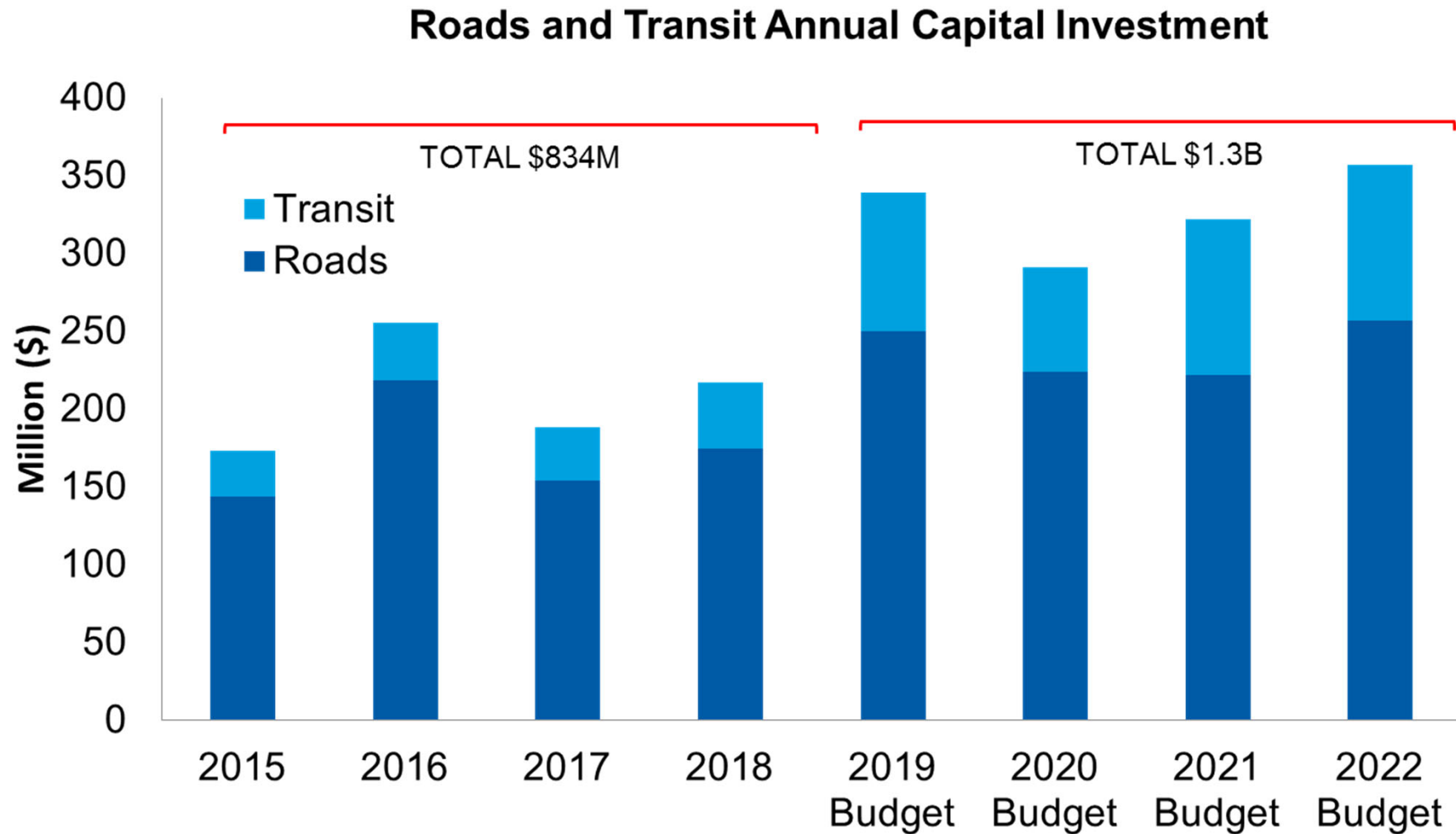
- Fleet
- Garages
- Terminals
- Technology

Roads \$2.0B

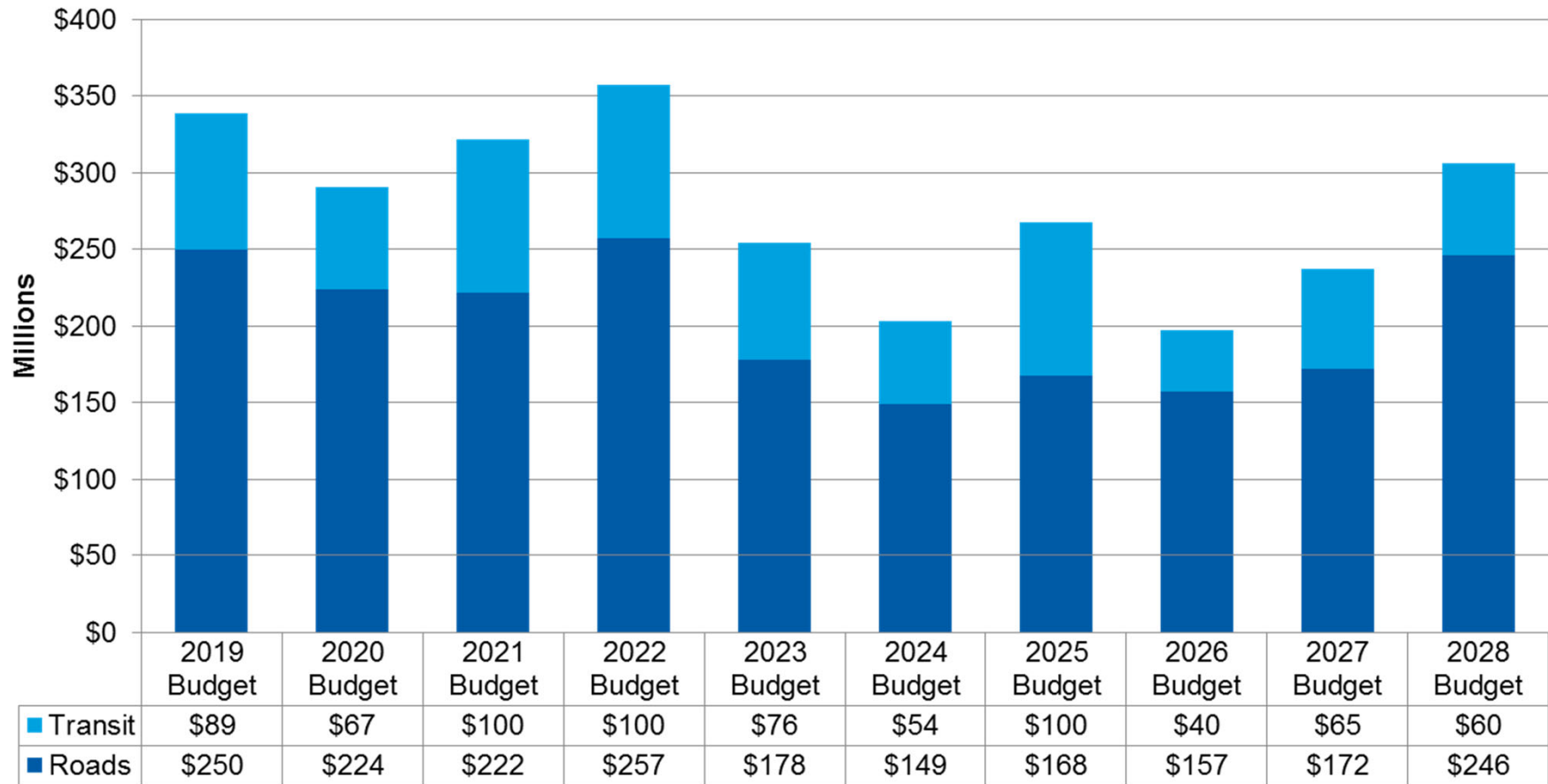
- Roads
- Bridges
- Signals
- Illumination
- Maintenance Facilities
- Technology

*Excludes Investments in YRRTC program

RECORD INVESTMENT IN ROADS AND TRANSIT PROGRAMS

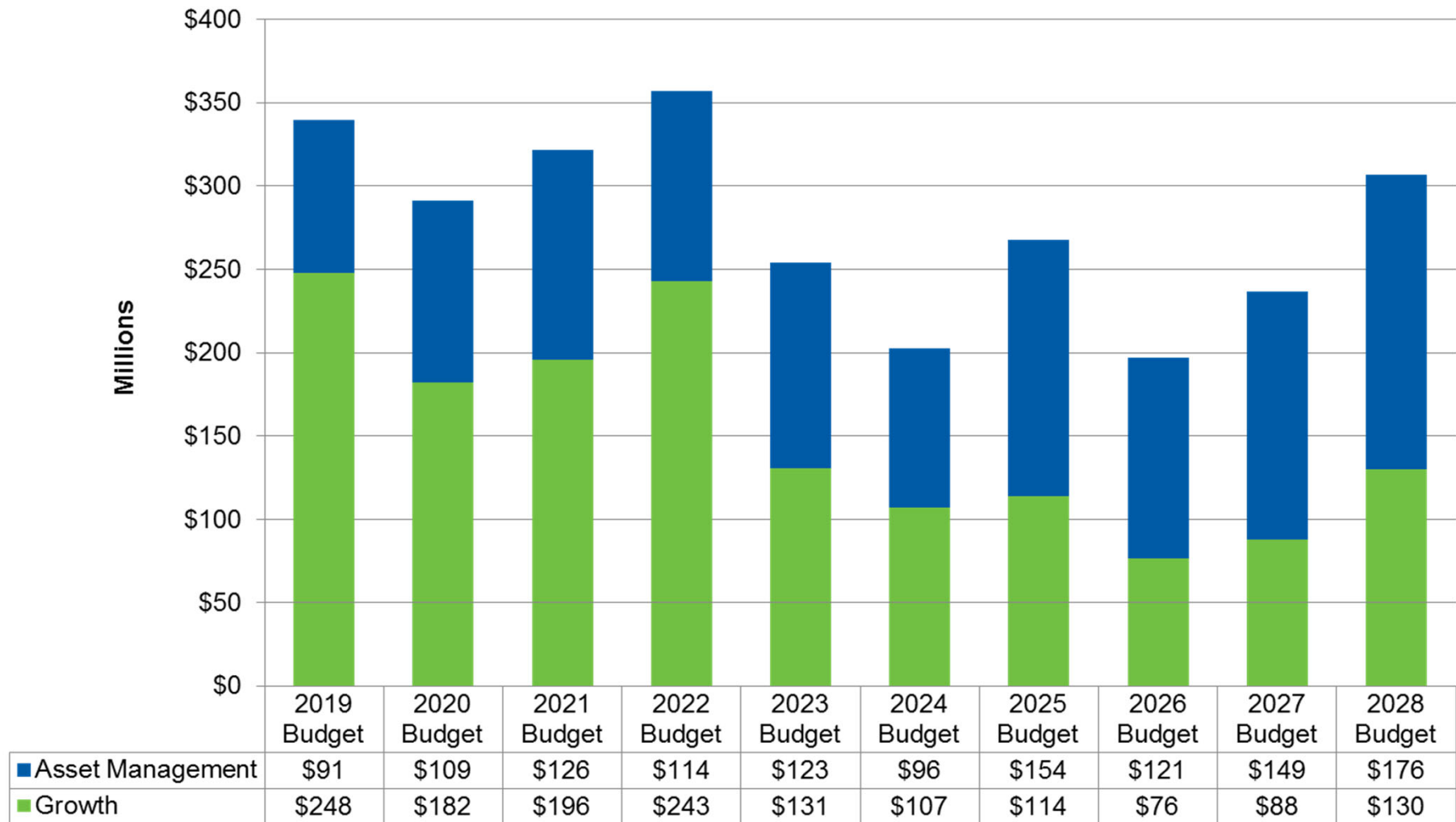


2019-2028 TRANSPORTATION SERVICES CAPITAL BUDGET



Roads
 Transit

2019-2028 ROADS AND TRANSIT CAPITAL BUDGET



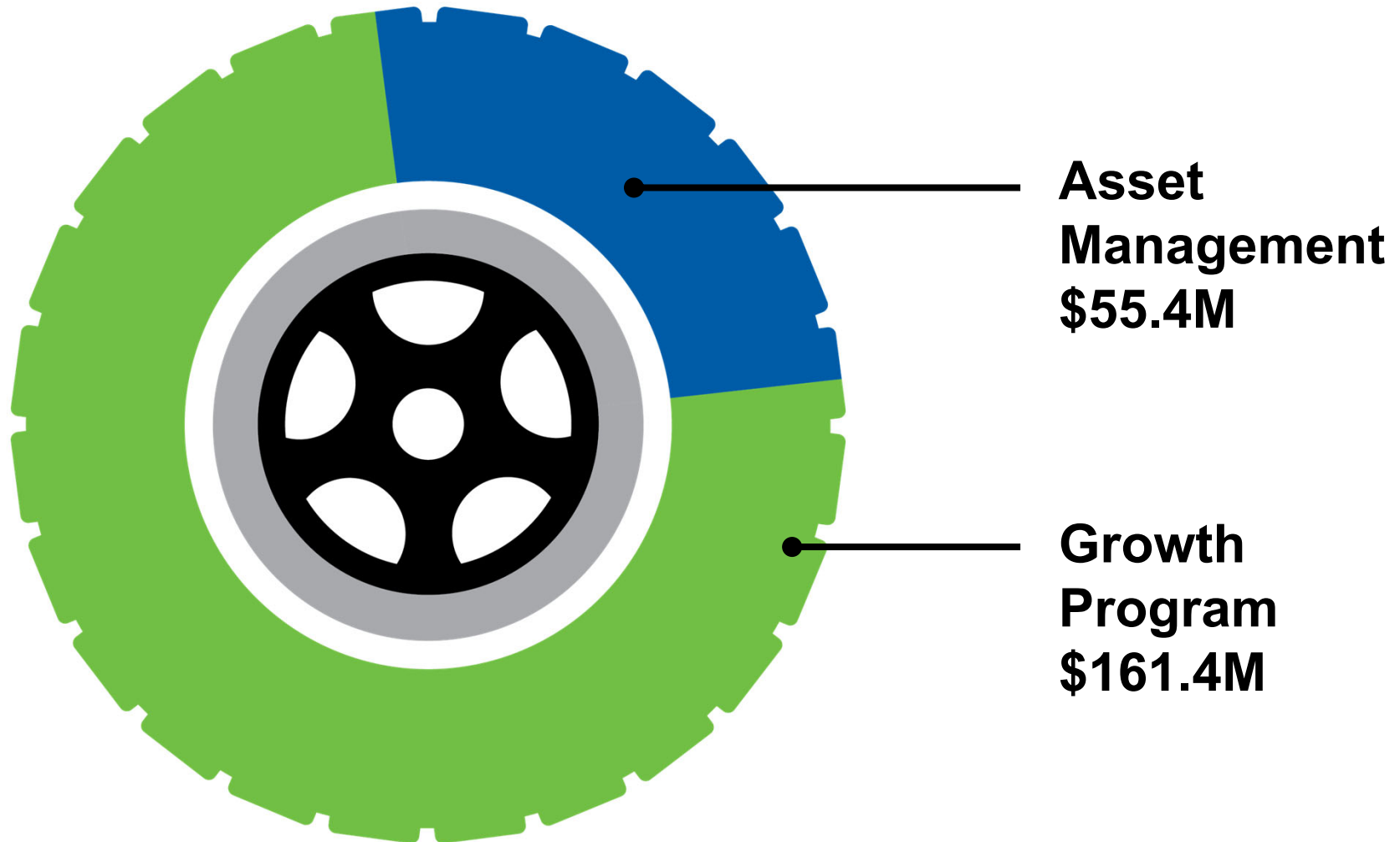
Growth



Asset Management

2018 ACCOMPLISHMENTS

2018 ACCOMPLISHMENTS



\$217M invested in Transportation Growth and Asset Management Programs

HIGHWAY 404 MIDBLOCK CROSSING

North of Major Mackenzie Drive



Phase:
EA Study



Status:
Complete

Richmond Hill

MARKHAM



MAJOR MACKENZIE DRIVE

McNaughton Road to Keele Street
Operational Improvements



Phase:
EA Study



Status:
Complete



BAYVIEW AVENUE / 19TH AVENUE

Elgin Mills Road to Stouffville Road
Linda Margaret Crescent to Bayview Avenue



Total Cost:
\$58.8M



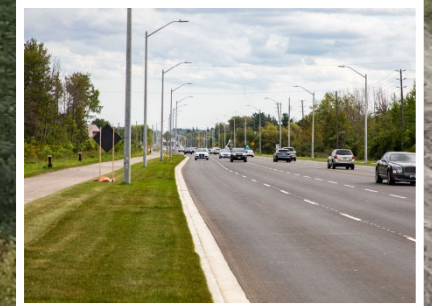
Phase:
Construction

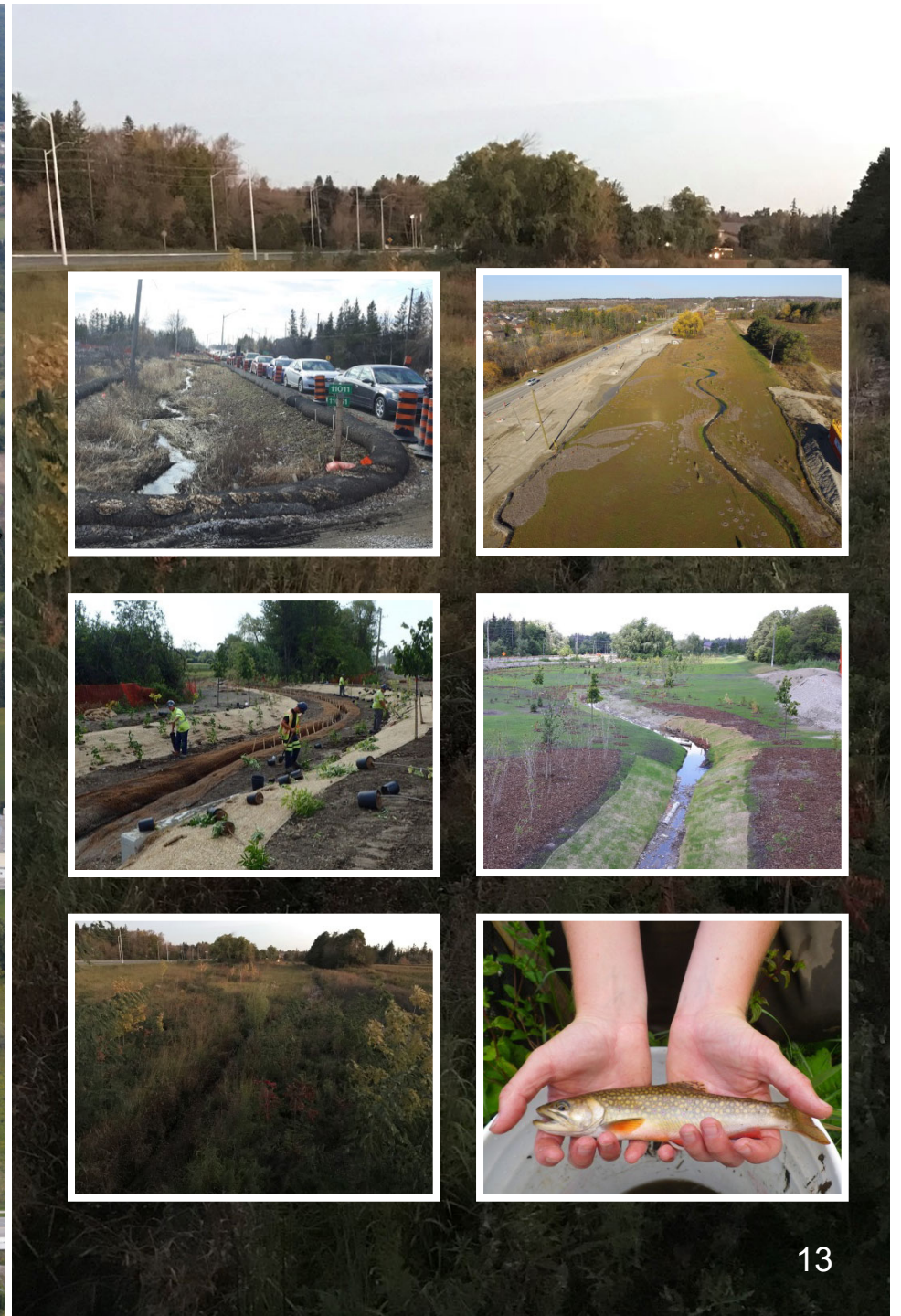


Status:
Complete

Richmond Hill







HIGHWAY 404 MIDBLOCK CROSSING

North of Highway 7 and
Highway 404 northbound off-ramp extension



Total Cost:
\$58.5M



Phase:
Construction



Status:
Complete

Richmond Hill

MARKHAM



HIGHWAY 404 MIDBLOCK CROSSING

North of Highway 7 and
Highway 404 northbound off-ramp extension



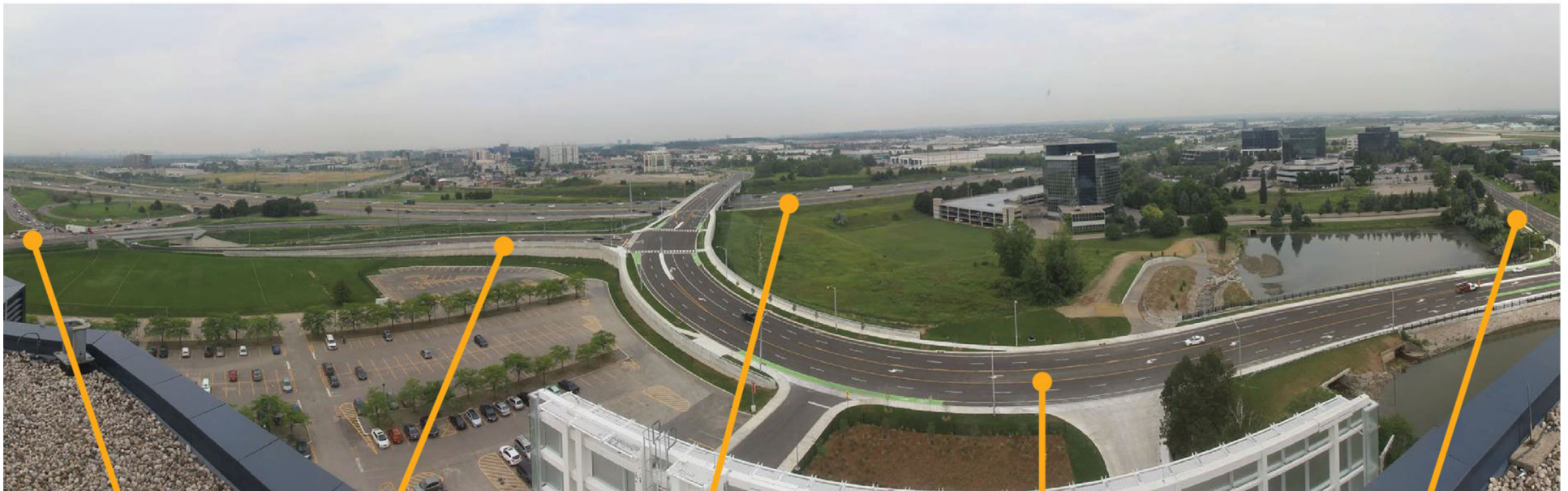
Total Cost:
\$58.5M



Phase:
Construction



Status:
Complete



Highway 7

Aristotle Avenue

Highway 404

Norman Bethune Avenue

All State Parkway



LAKE TO LAKE BIKE ROUTE

Steeles Avenue to Highway 7

4.7 kilometre multi-use path along Leslie Street,
extending from Steeles Avenue to Highway 7



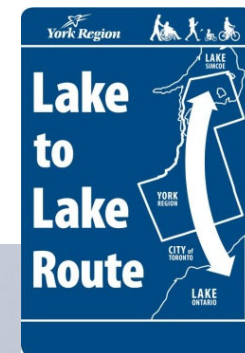
Total Cost:
\$4.7M



Phase:
Construction



Status:
Complete



SOUTHEAST DISTRICT ROAD MAINTENANCE FACILITY

Warden Avenue



Total Cost:
\$1.6M



Phase:
Construction



Status:
Complete



PARK AND RIDE FACILITY

Major Mackenzie Drive and Highway 404



Total Cost:
\$1.3M



Phase:
Construction



Status:
Complete

Richmond Hill

MARKHAM



ROAD REHABILITATION AND RESURFACING

Completed rehabilitation on **64** lane-kilometres and
resurfacing of **41** lane-kilometres



Total Cost:
\$14.7M



Phase:
Construction



Status:
Complete

Yonge Street south of St. John's Sideroad



BRIDGE AND CULVERT REHABILITATION

Completed rehabilitation of **4** structures



Total Cost:
\$4.3M



Phase:
Construction

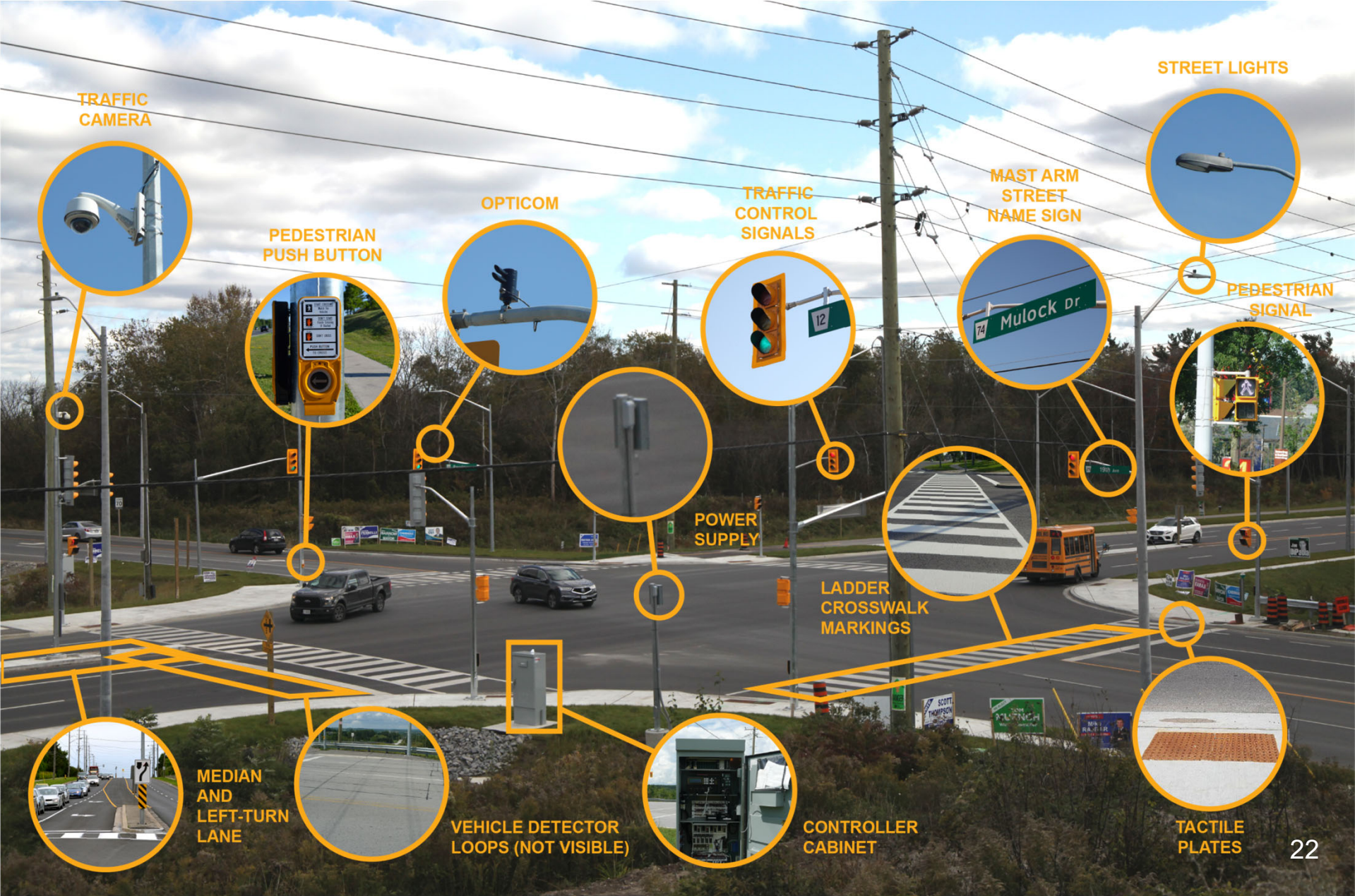


Status:
Complete



Pegg's Bridge at Warden Avenue Bridge

INTERSECTION COMPONENTS



INTERSECTION MODERNIZATION

Completed improvements at **24** locations



Total Cost:
\$6.2M*



Phase:
Construction



Status:
Complete

*Does not include the cost of 11 intersections improved in conjunction with road rehabilitation projects



Mount Albert Road and Centre Street

UNPLANNED WORK

Completed unplanned work at a number of locations to repair infrastructure



Total Cost:
\$1.3M



Phase:
Construction



Status:
Complete

Yonge at Silverline Helicopters

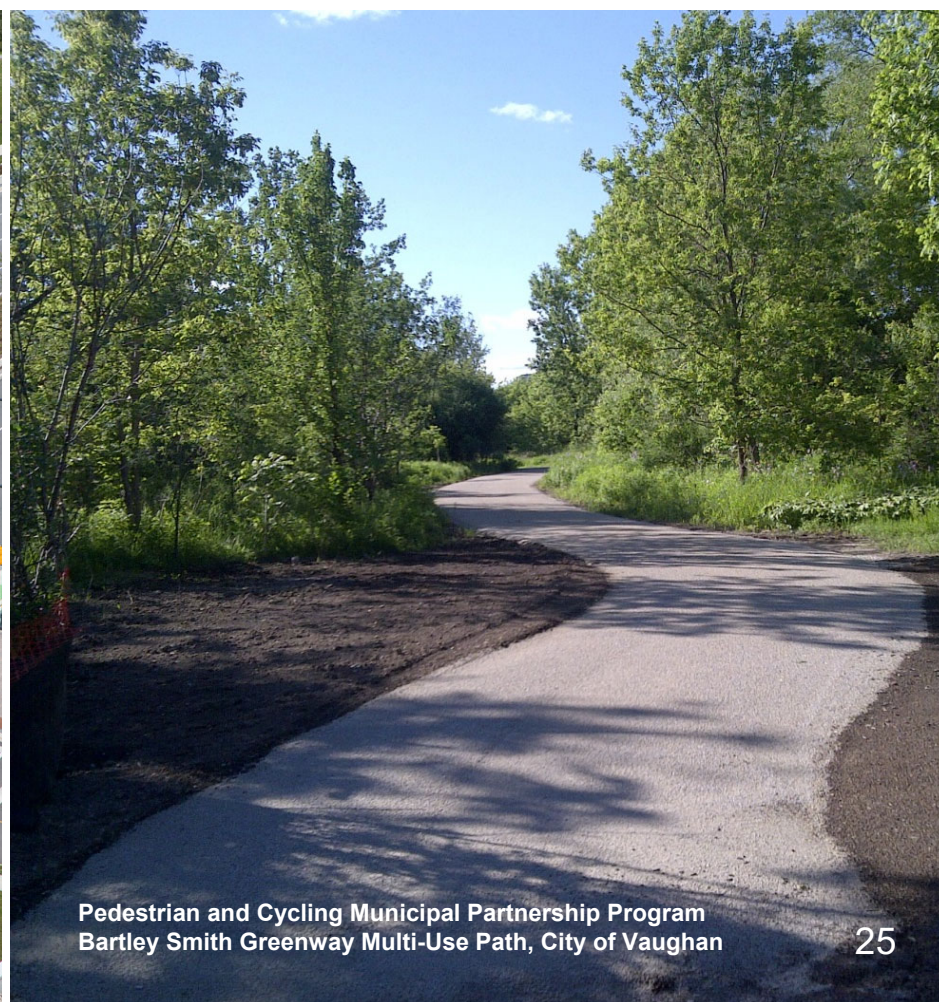


PARTNERSHIP PROGRAMS

Municipal Streetscape Partnership Program
Pedestrian and Cycling Municipal Partnership Program



Annual Funds to
Allocate: \$1.0M / \$0.5M



BUS STOPS, TRANSIT SHELTERS, CONCRETE PLATFORMS

107 concrete pads, **13** conventional shelters and **8** solar powered shelters were installed under the expansion program

68 concrete pads and **80** conventional shelters were installed under the renewal program



Total Cost:
\$2.8M



Status:
On-going



TRANSIT FLEET OVERHAUL

Completed overhaul on **26** conventional buses and various structural rehabilitation on Viva 40-foot buses



Total Cost:
\$6.5M



Status:
Complete



2018 TRANSIT FLEET PROCUREMENT

Purchased **5** conventional buses and **2** Mobility Plus vehicles under the expansion program

Purchased **21** conventional buses and **18** Mobility Plus vehicles under the renewal program



Total Cost:
\$18.6M



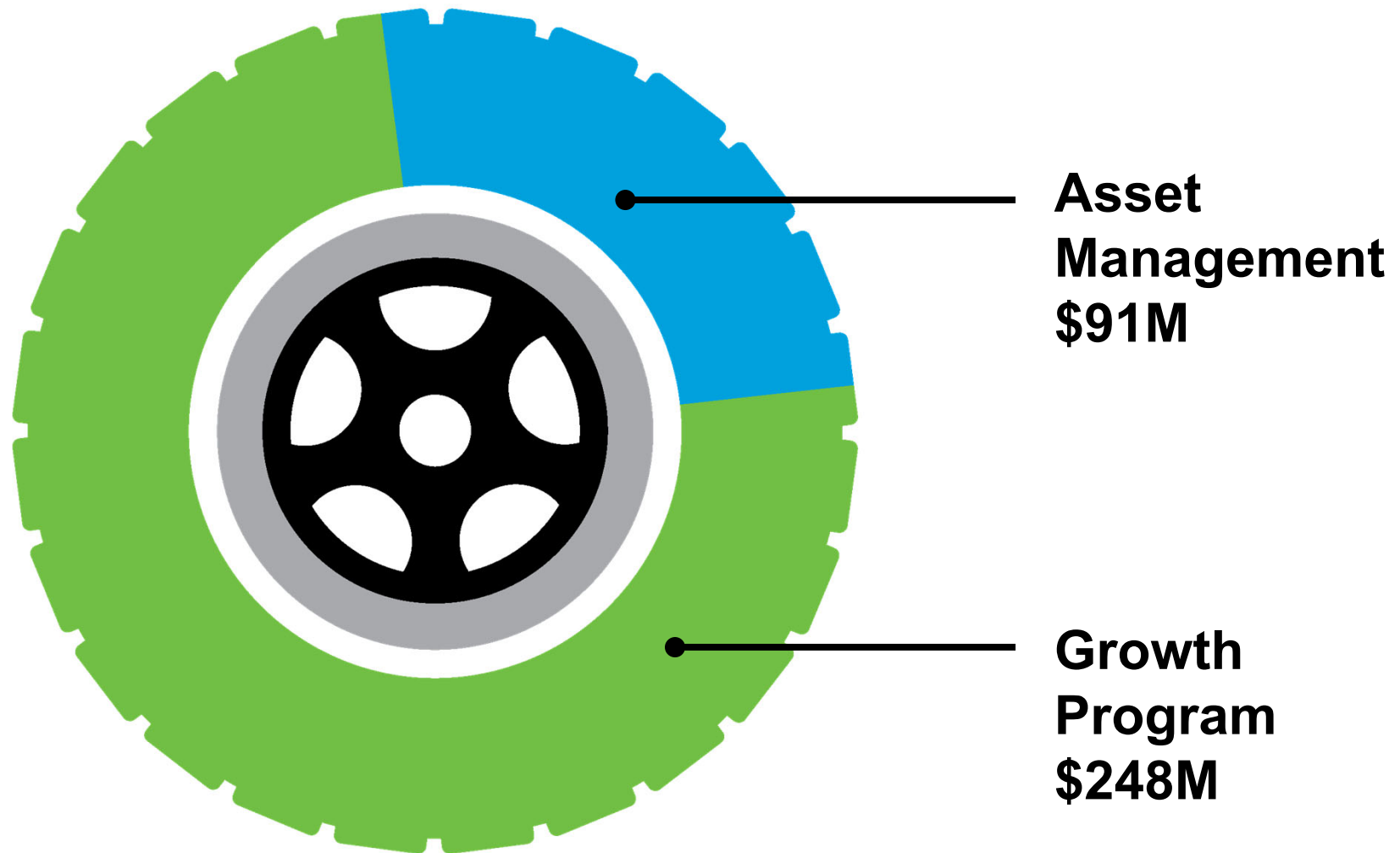
Status:
Complete



The background is a solid blue color with several overlapping, semi-transparent geometric shapes in various shades of blue. These shapes include large circles and triangles, creating a layered, abstract effect. The text is centered horizontally and vertically over this background.

2019 NEW AND CONTINUING PROJECTS





\$339 MILLION INVESTMENT IN ROADS AND TRANSIT IN 2019

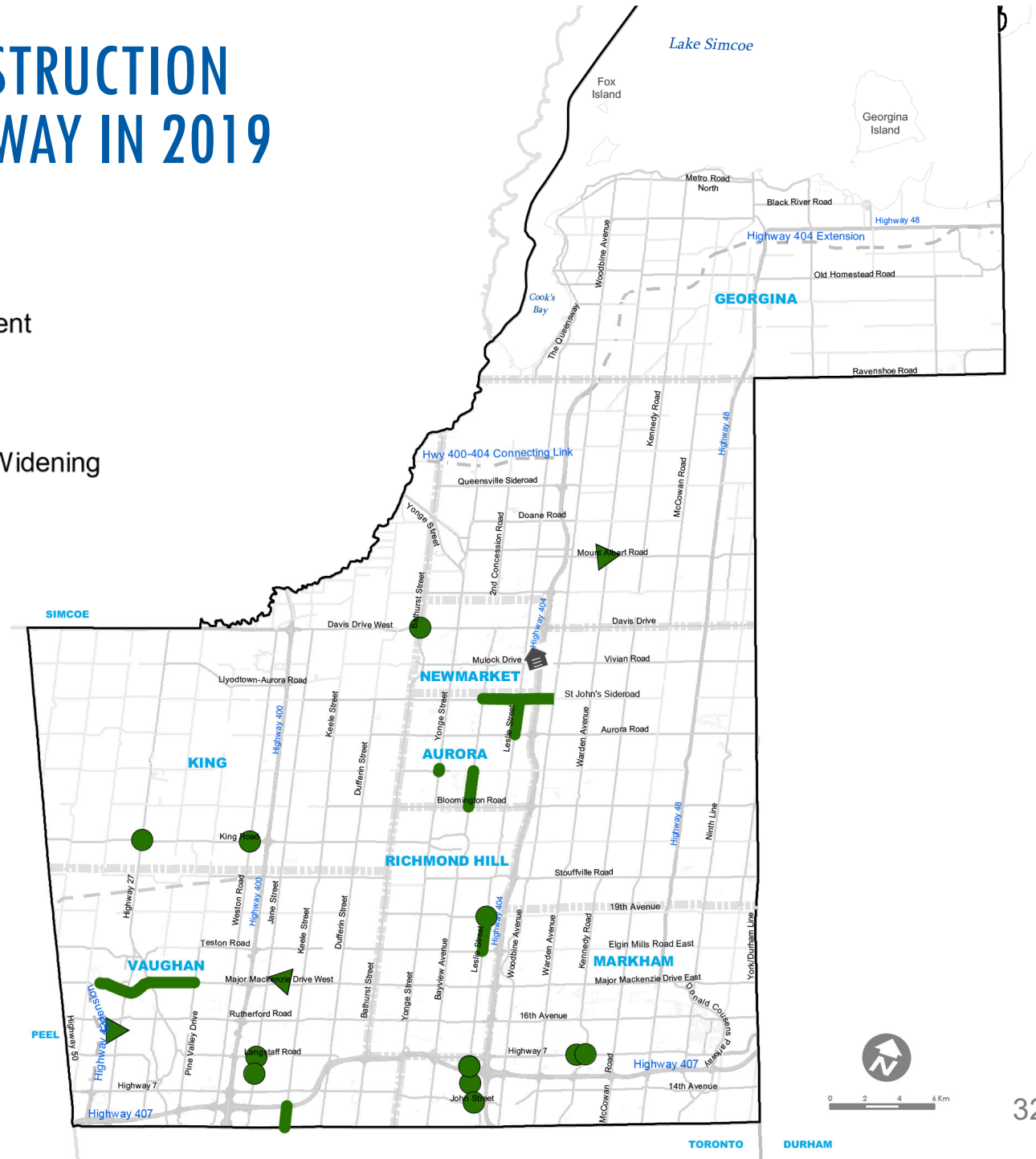


CONSTRUCTION:

- 2019 Growth Program

19 GROWTH CONSTRUCTION PROJECTS UNDERWAY IN 2019

-  Intersection Improvement
-  Facility
-  Structures
-  Road Reconstruction/Widening



LESLIE STREET

Don Hillock Drive to Broughton Lane



Total Cost: \$31.4M Construction: 60% Complete Completion: 2019



ST. JOHN'S SIDEROAD

Bayview Avenue to Woodbine Avenue



Total Cost:
\$43.2M



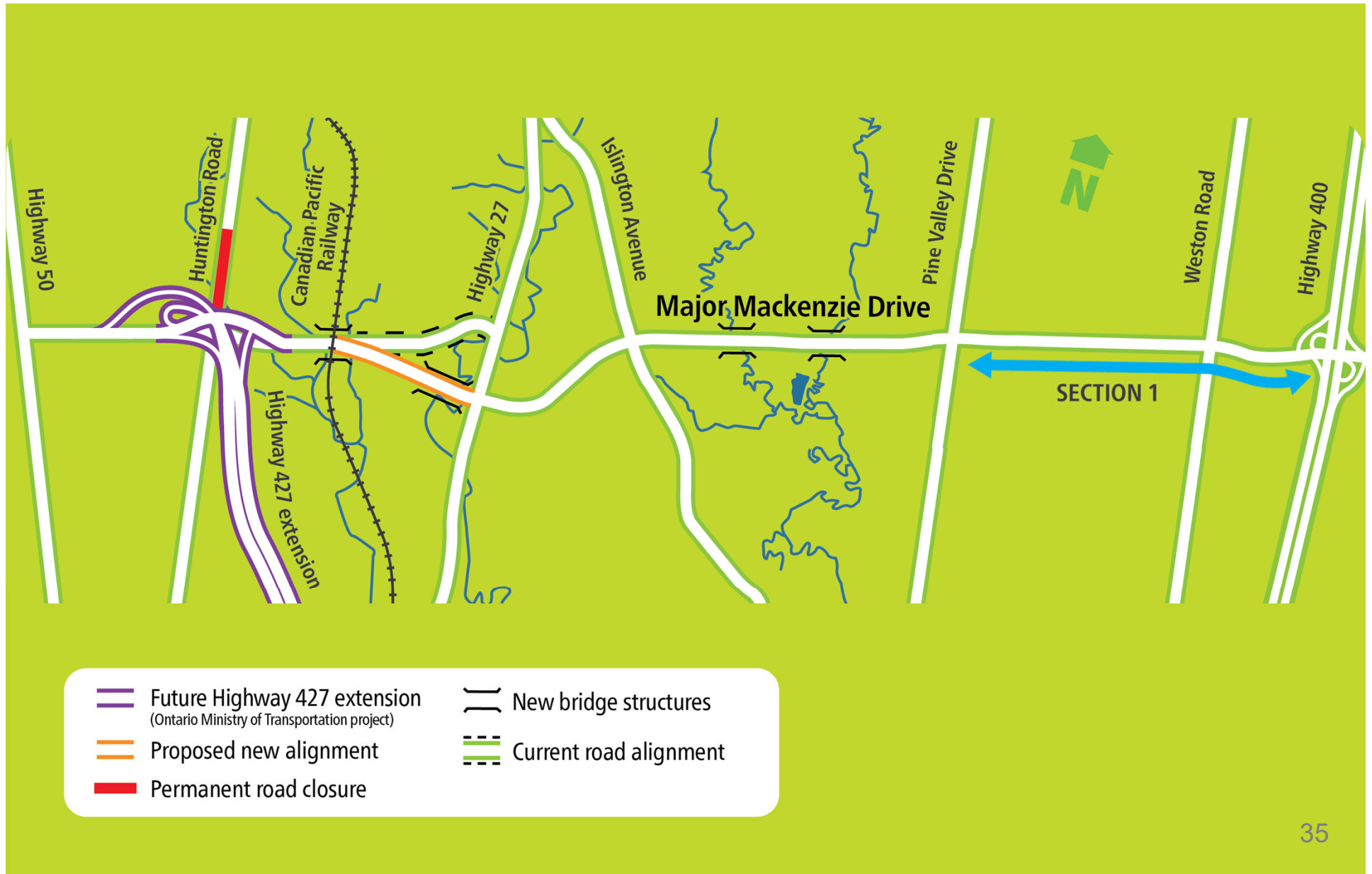
Construction:
85% Complete



Completion:
2019



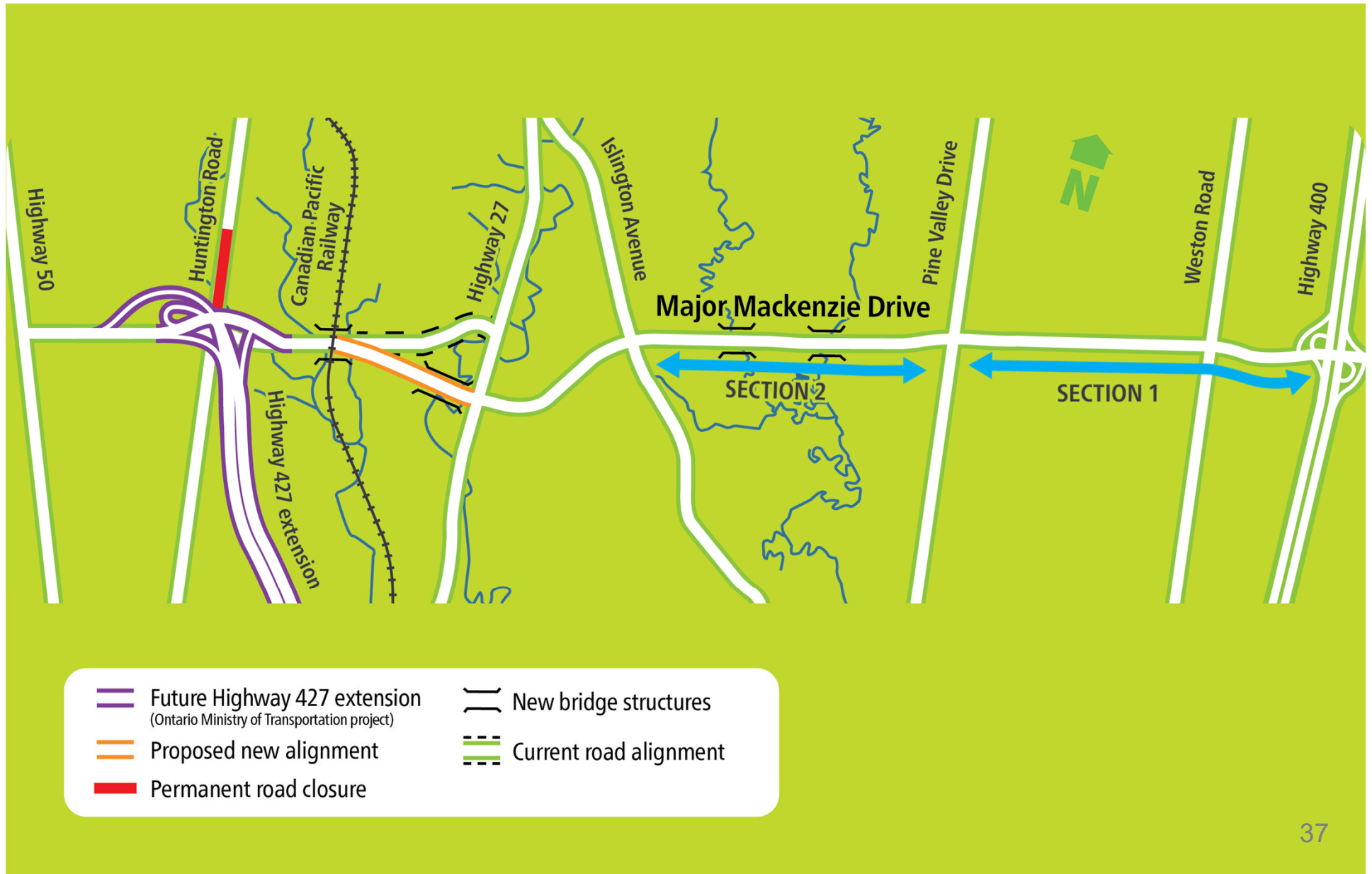
MAJOR MACKENZIE DRIVE



Major Mackenzie Drive between Highway 400 and Pine Valley Drive



MAJOR MACKENZIE DRIVE



MAJOR MACKENZIE DRIVE

Islington Avenue to Pine Valley Drive

Widening from 2 to 6 lanes, including bridges over East Humber River and Purpleville Creek



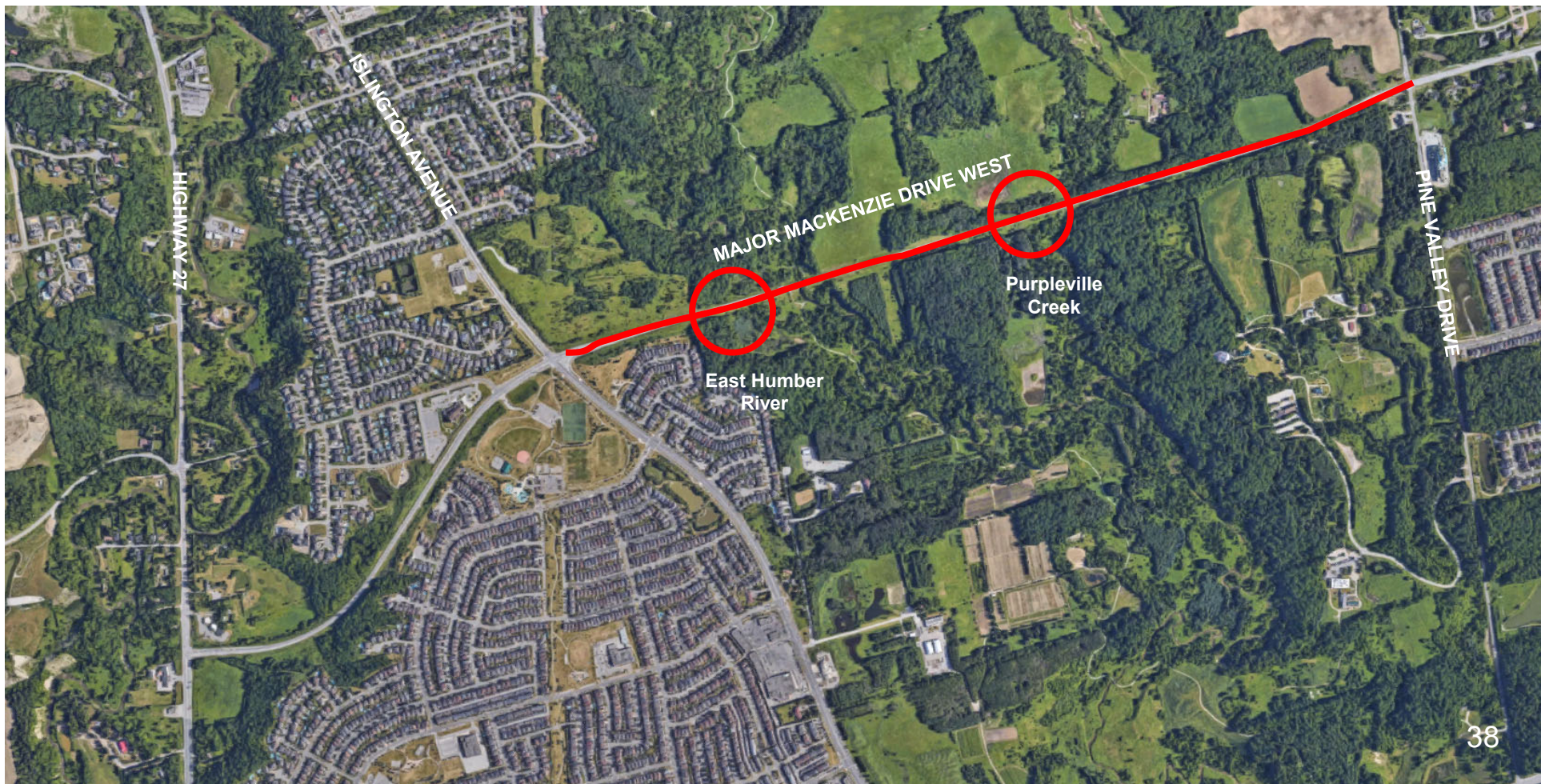
Total Cost:
\$54.9M



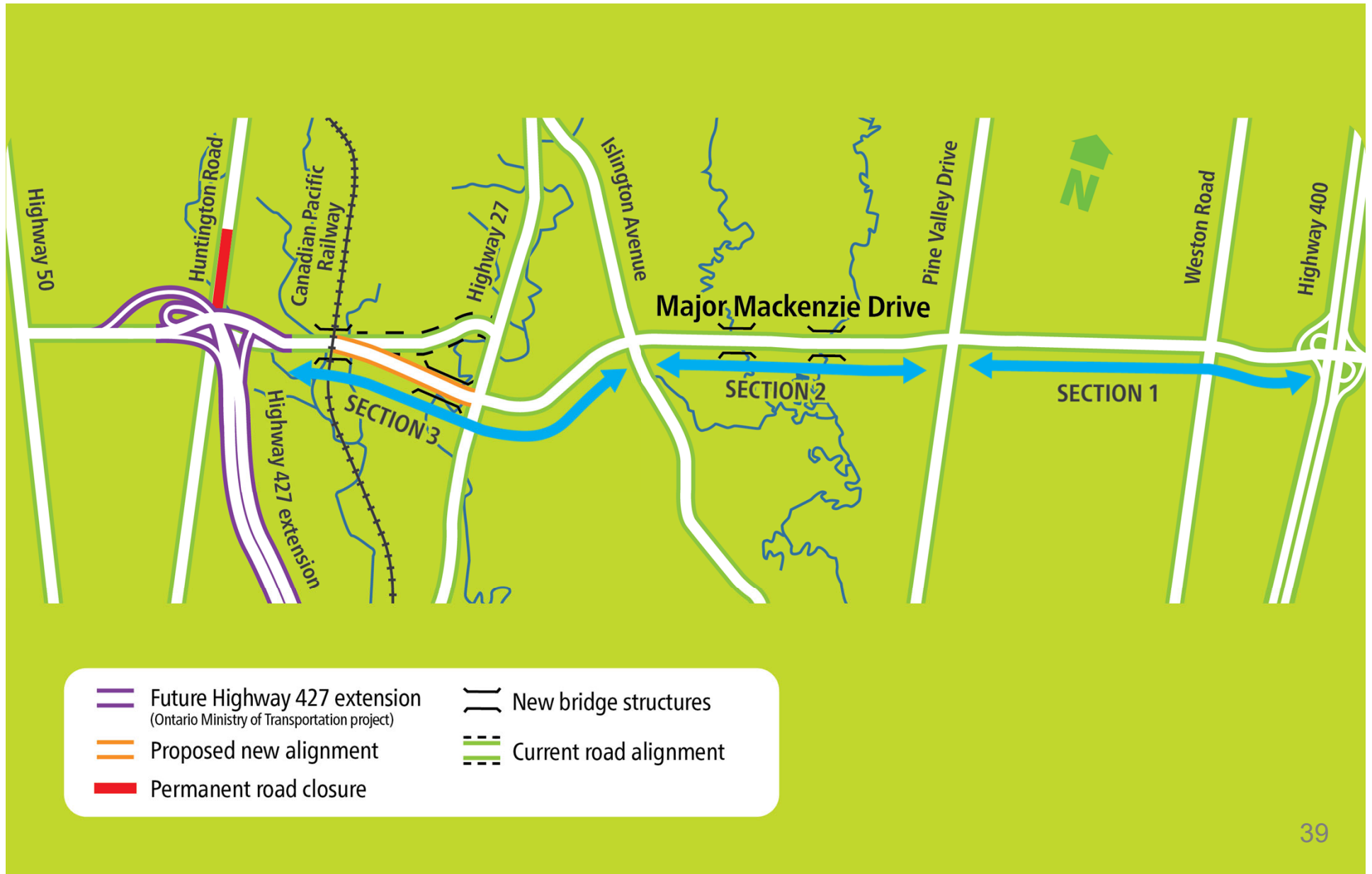
Construction:
Tendering



Completion:
2021



MAJOR MACKENZIE DRIVE



MAJOR MACKENZIE DRIVE

CPR Tracks to Islington Avenue

Widening from 2 to 6 lanes,
including eliminating the jog at Highway 27 and
building bridges over the Canadian Pacific Railway tracks and the Humber River



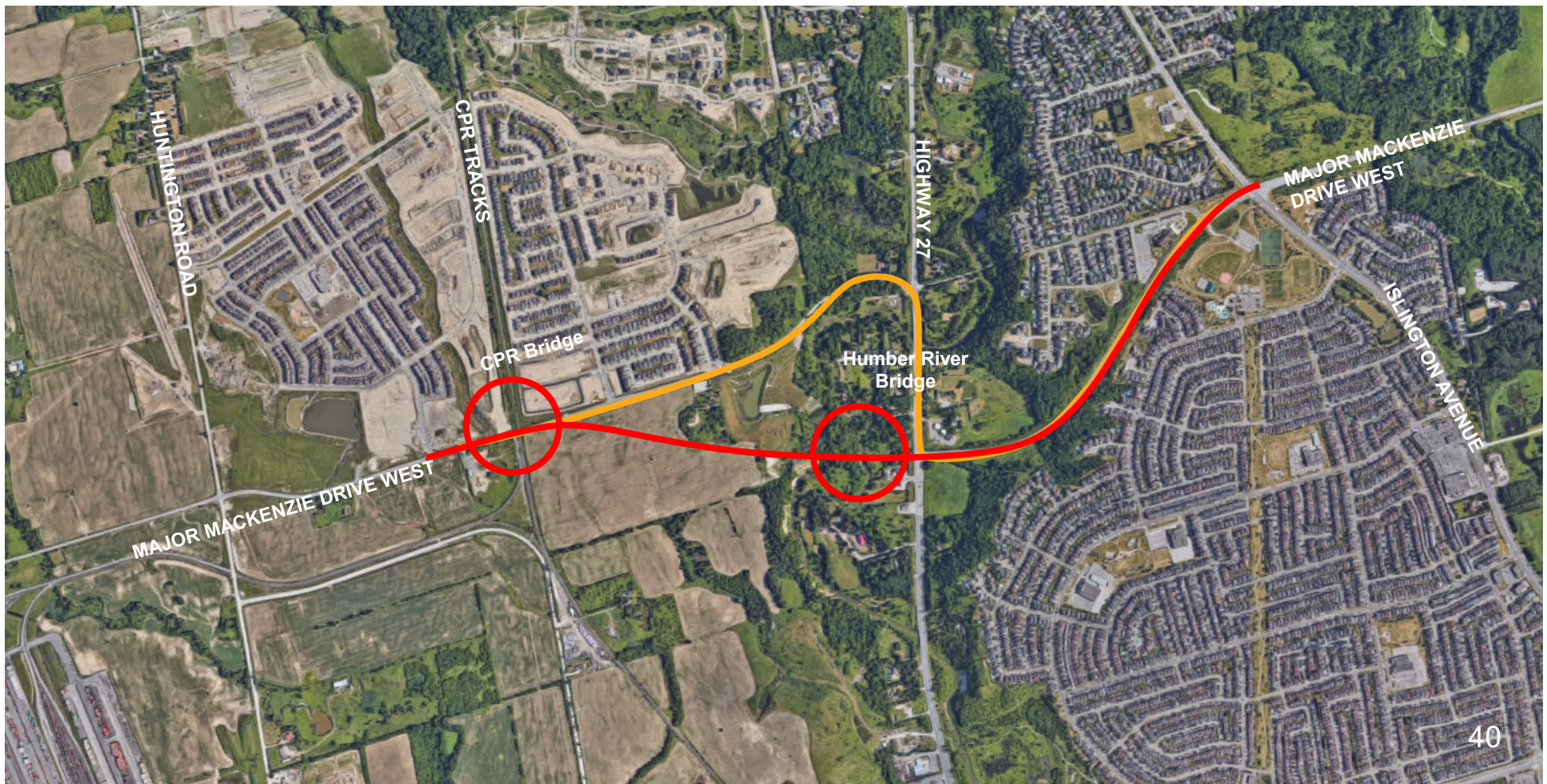
Total Cost:
\$107.0M



Construction:
40% Complete



Completion:
2021





HIGHWAY 27

Canadian Pacific Railway Bridge Replacement
1.6 kilometres north of Langstaff Road



Total Cost:
\$23.0M



Construction:
Tendering



Completion:
2022



KEELE STREET

Steeles Avenue to Snidercroft Road /
Great Gulf Drive (South of Highway 407)



Total Cost:
\$40.0M



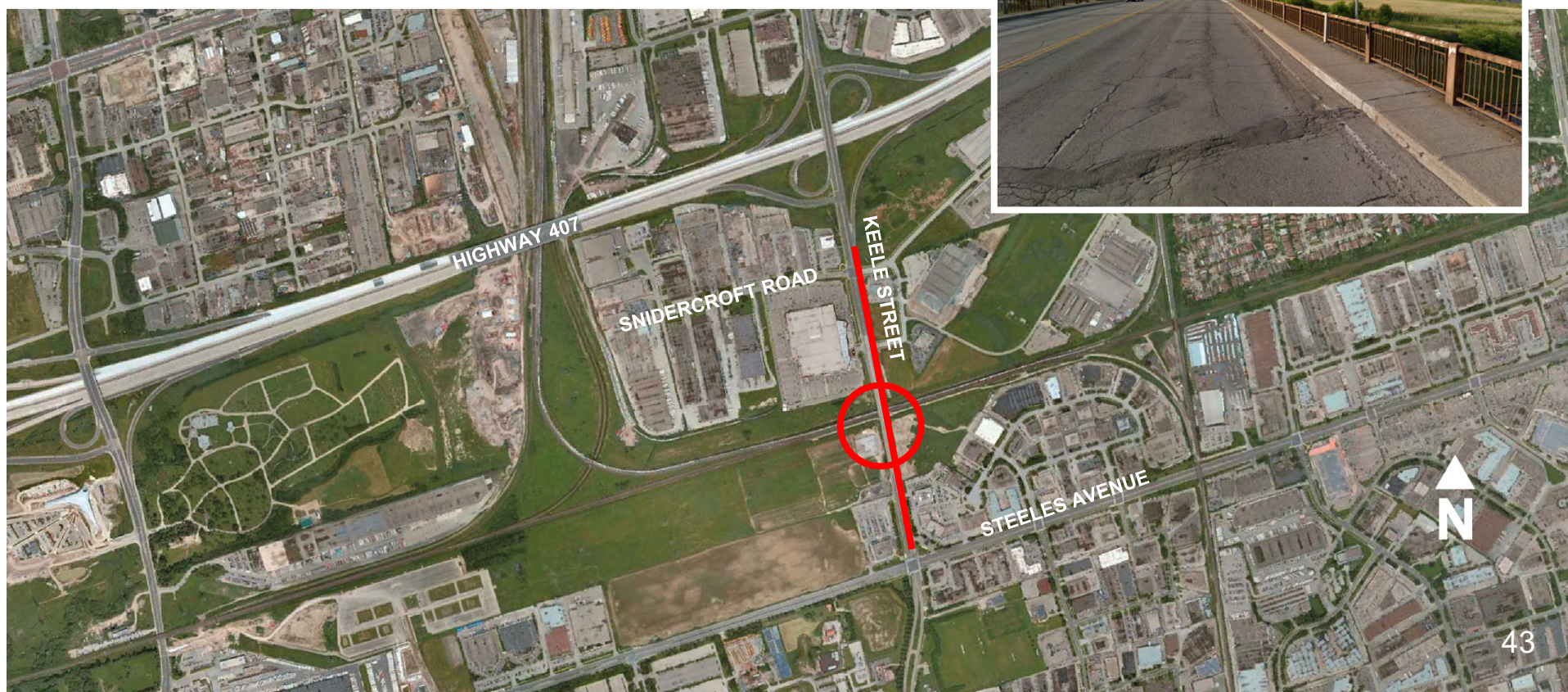
Construction:
Tendering



Completion:
2021



Reconstructing and widening to 6 lanes;
including a new, wider structure replacement over
CN Rail, streetscaped median, cycling facilities,
sidewalk, illumination and watermain replacement



LESLIE STREET AND 19TH AVENUE

Intersection Improvements,
including signalization, jog elimination,
with 4 through lanes and turn lanes



Total Cost:
\$6.2M

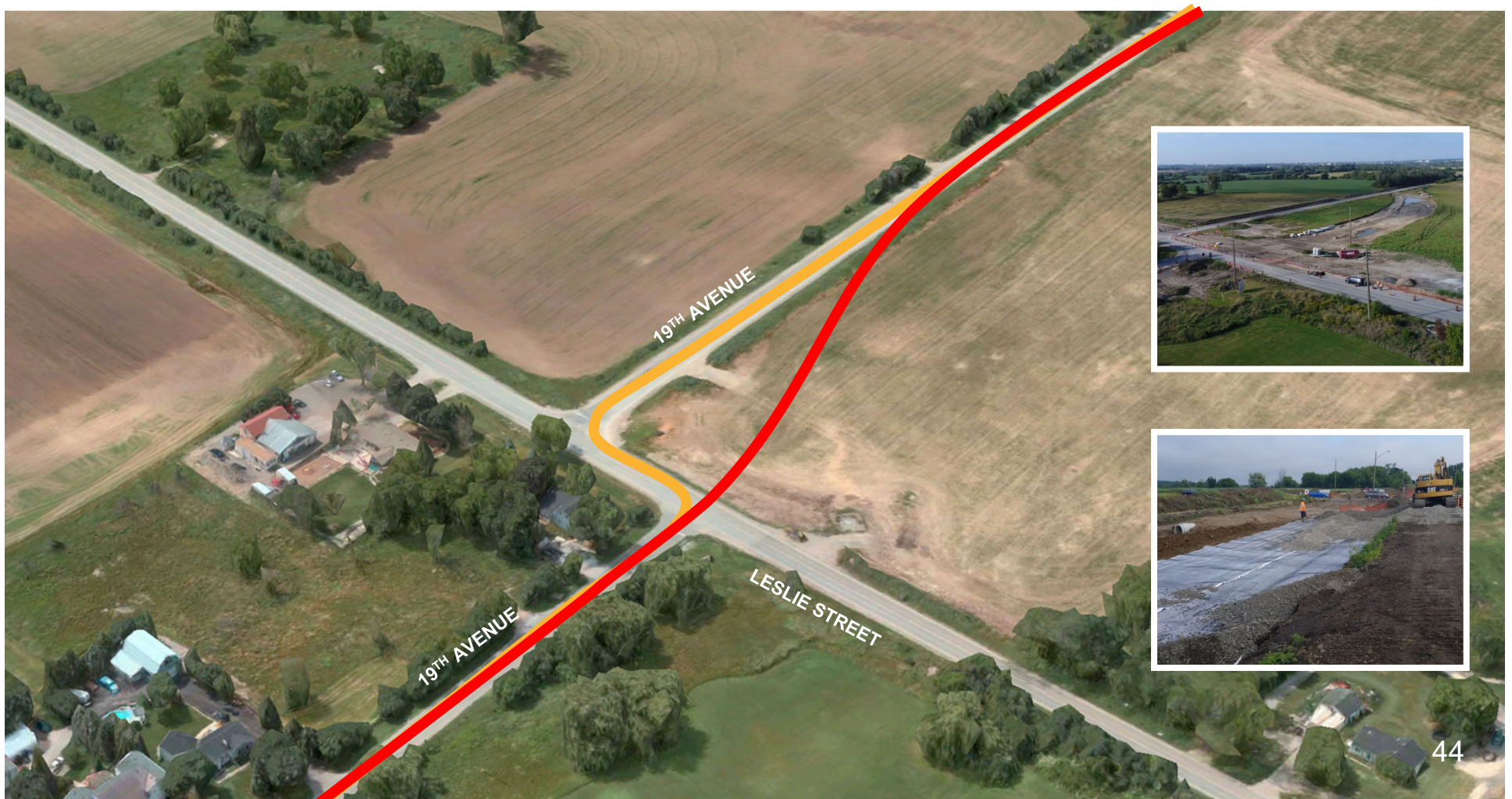


Construction:
45% Complete



Completion:
2019

Richmond Hill



LESLIE STREET

Elgin Mills Road to 19th Avenue

Reconstruction and widening from 2 lane rural road to 4 lane urban road, including geometric improvements, multi-use path, sidewalk and illumination



Total Cost:
\$17.1M



Construction:
Tendering



Completion:
2020

Richmond Hill



MAJOR MACKENZIE DRIVE CULVERT

East of McNaughton Road



Total Cost:
\$5.5M



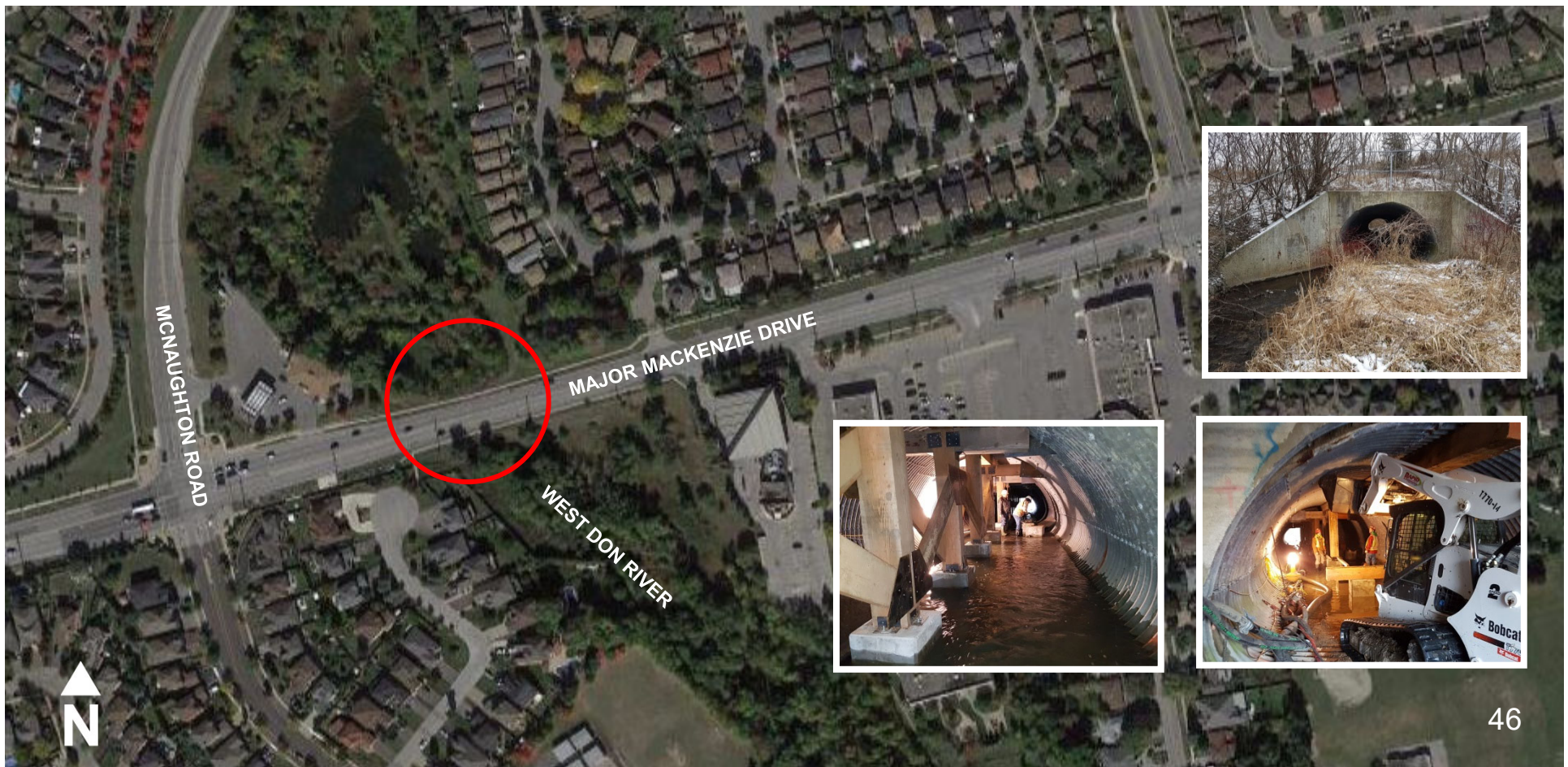
Construction:
Tendering



Completion:
2019



Replacement of a deteriorated large CSP Arch culvert at the West Don River with a large new pre-cast concrete structure, including large watermain, storm sewers and road reconstruction



INTERSECTION IMPROVEMENTS TO SUPPORT TRANSIT

Typical Proposed Treatment



Total Cost:
\$7.3M



Completion:
2019



LESLIE STREET

at West/East Commerce Valley Drive,
at Green Lane/Summerdale Drive and
at John Street

Improvements at 3 intersections to install transit stops, shelters,
fare equipment and upgrade to traffic signals



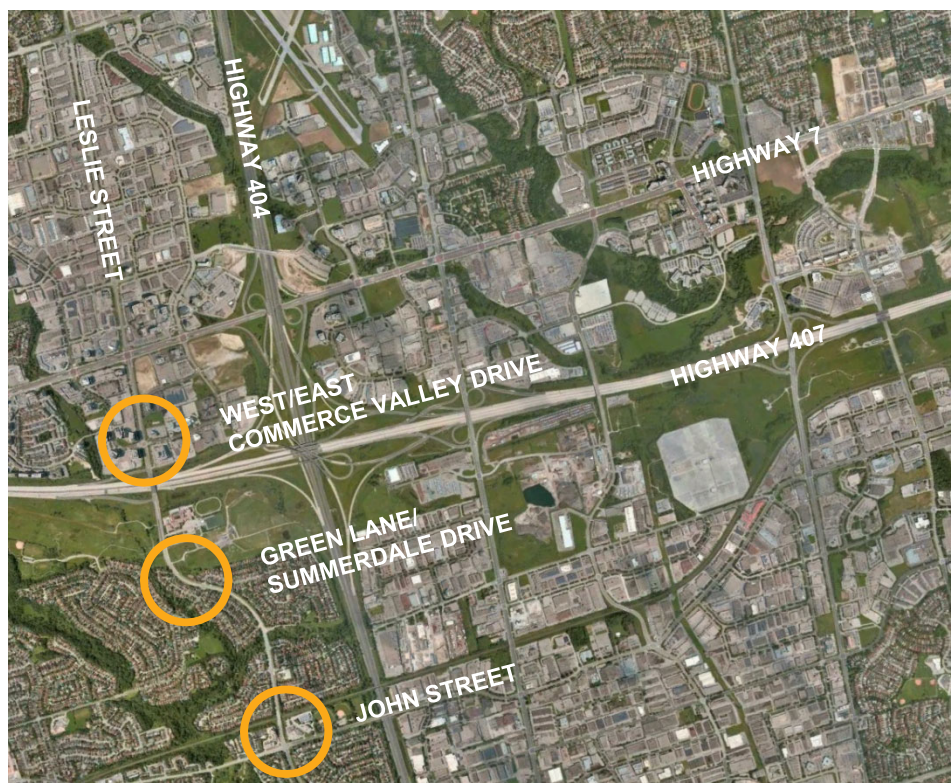
Total Cost:
\$3.4M



Construction:
Tendering



Completion:
2019



HIGHWAY 7

at Main Street and
Kennedy Road

Improvements at 2 intersections to install queue jump lanes



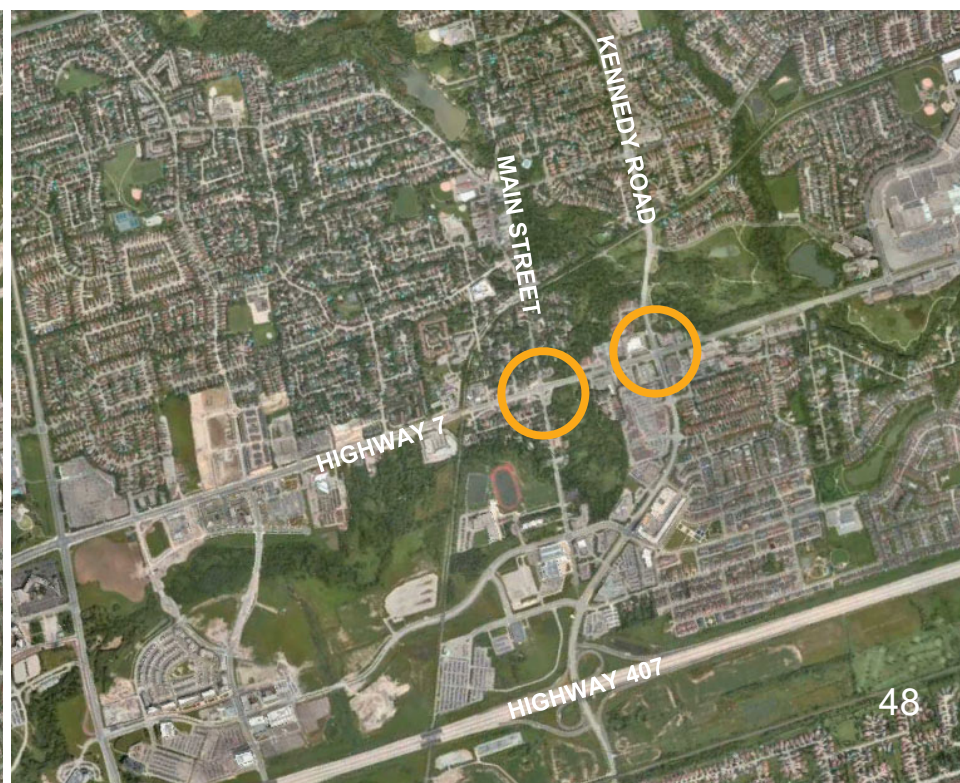
Total Cost:
\$2.1M



Construction:
10% Complete



Completion:
2019



JANE STREET

Intersection Improvements at
Pennsylvania Avenue/MacIntosh
Boulevard and at Langstaff Road



Total Cost:
\$1.8M



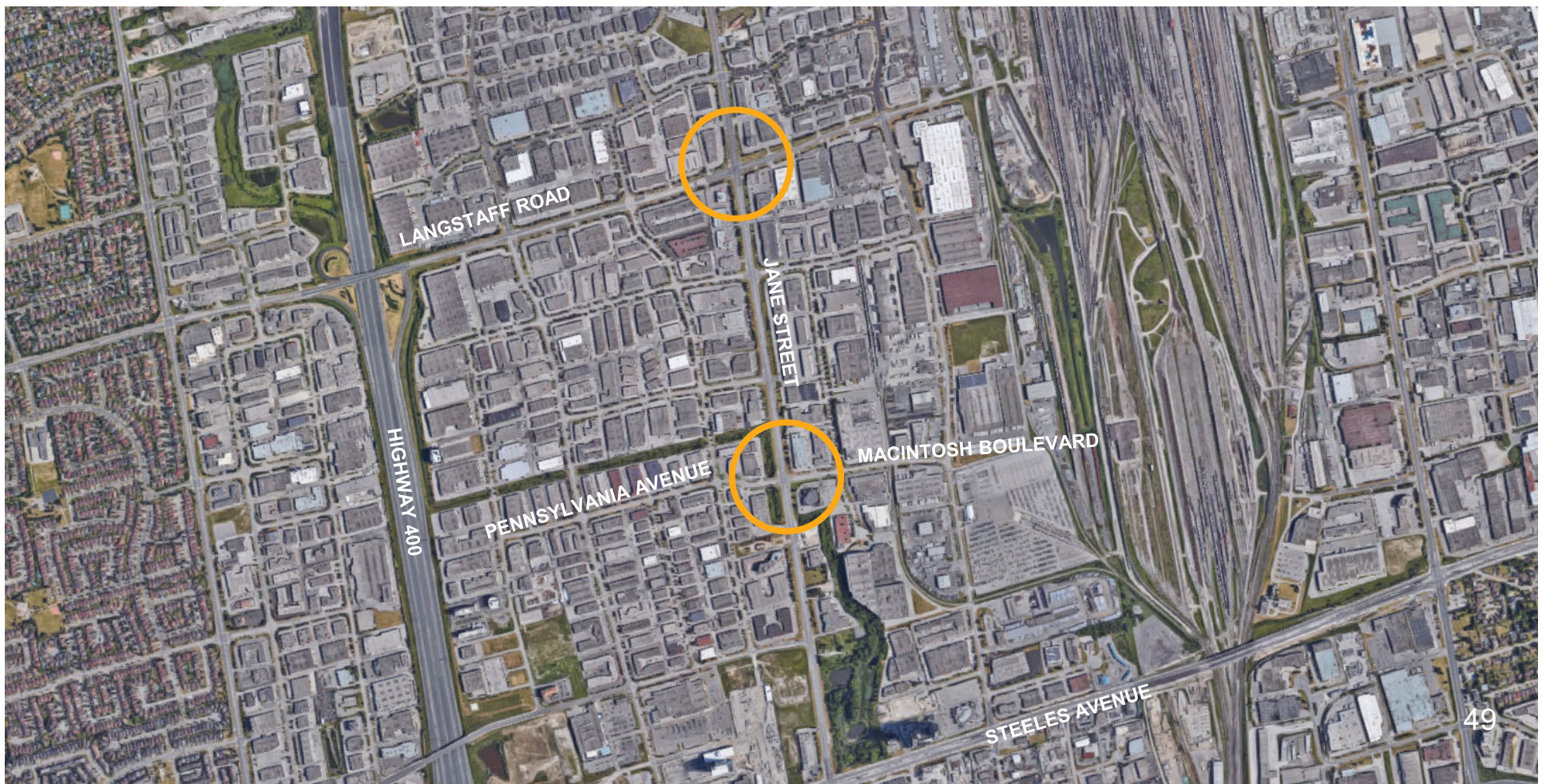
Construction:
0% Complete



Completion:
2019



Improvements at 2 intersections to install queue jump lanes



KING ROAD AND HIGHWAY 27

Intersection Improvements

Intersection improvements including left-turn lanes in northbound and southbound directions



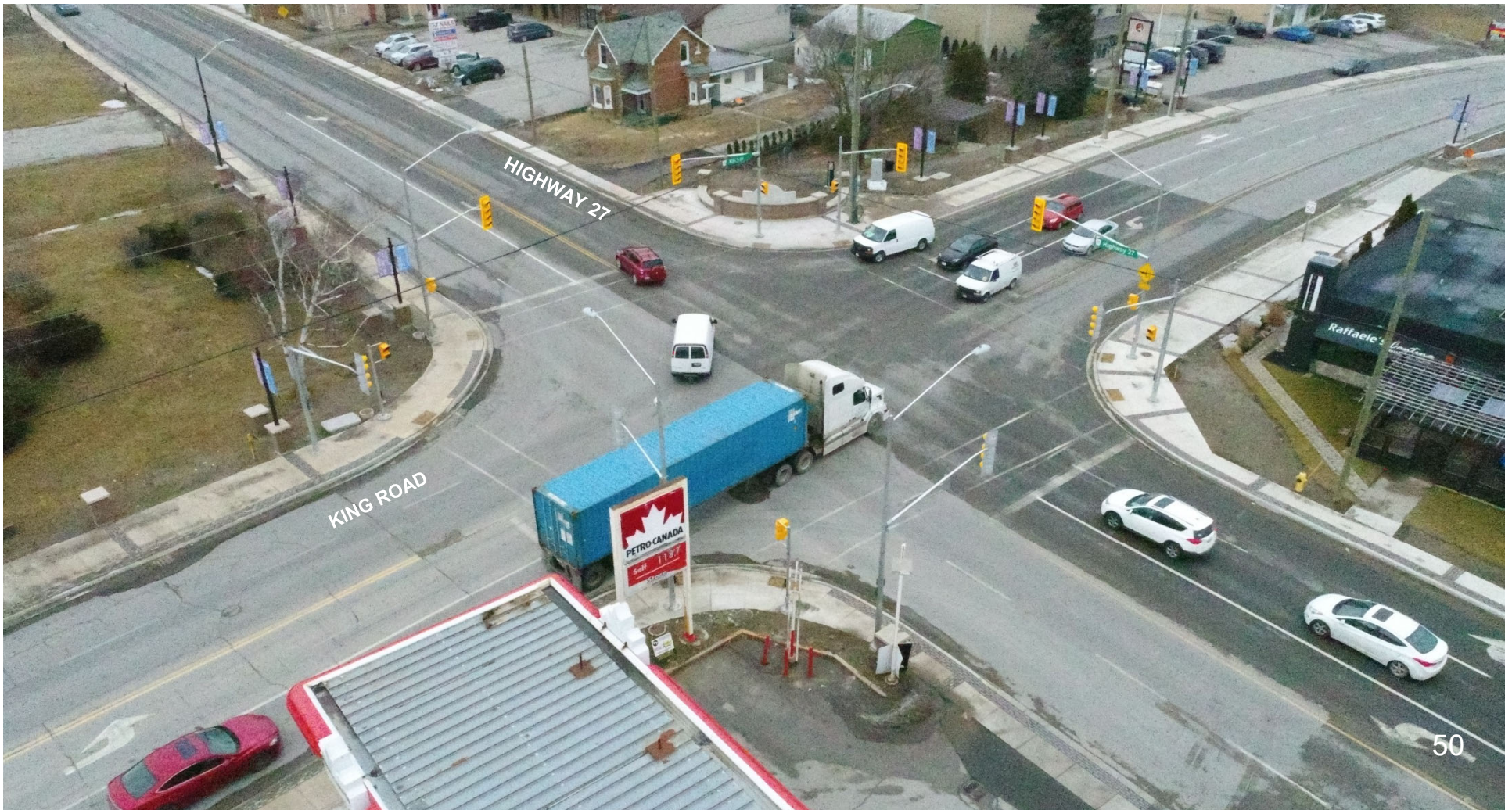
Total Cost:
\$6.5M



Construction:
85% Complete



Completion:
2019



KING ROAD AND WESTON ROAD

Intersection Improvements

Road and intersection improvements, including road profile adjustment, left-turn lanes on all 4 approaches and new traffic signals



Total Cost:
\$5.9M



Construction:
Tendering



Completion:
2020

KING



CENTRAL DISTRICT SNOW MANAGEMENT FACILITY

Harry Walker Parkway



Total Cost:
\$5.1M



Construction:
85% Complete



Completion:
2019



TRANSIT FLEET PROCUREMENT

Purchase **3** Viva buses and **2** specialized Mobility Plus transit vehicles under the expansion program

Purchase **8** conventional buses, **6** electric buses and **7** Viva buses under the renewal program



Total Cost:
\$24.5M



Status:
On-going



NORTH OPERATIONS, MAINTENANCE AND STORAGE FACILITY

Expansion and Renovation
18106 and 18110 Yonge Street



Total Cost:
\$35.5m



Construction:
60% Complete



Construction:
2019



Town of
East Gwillimbury

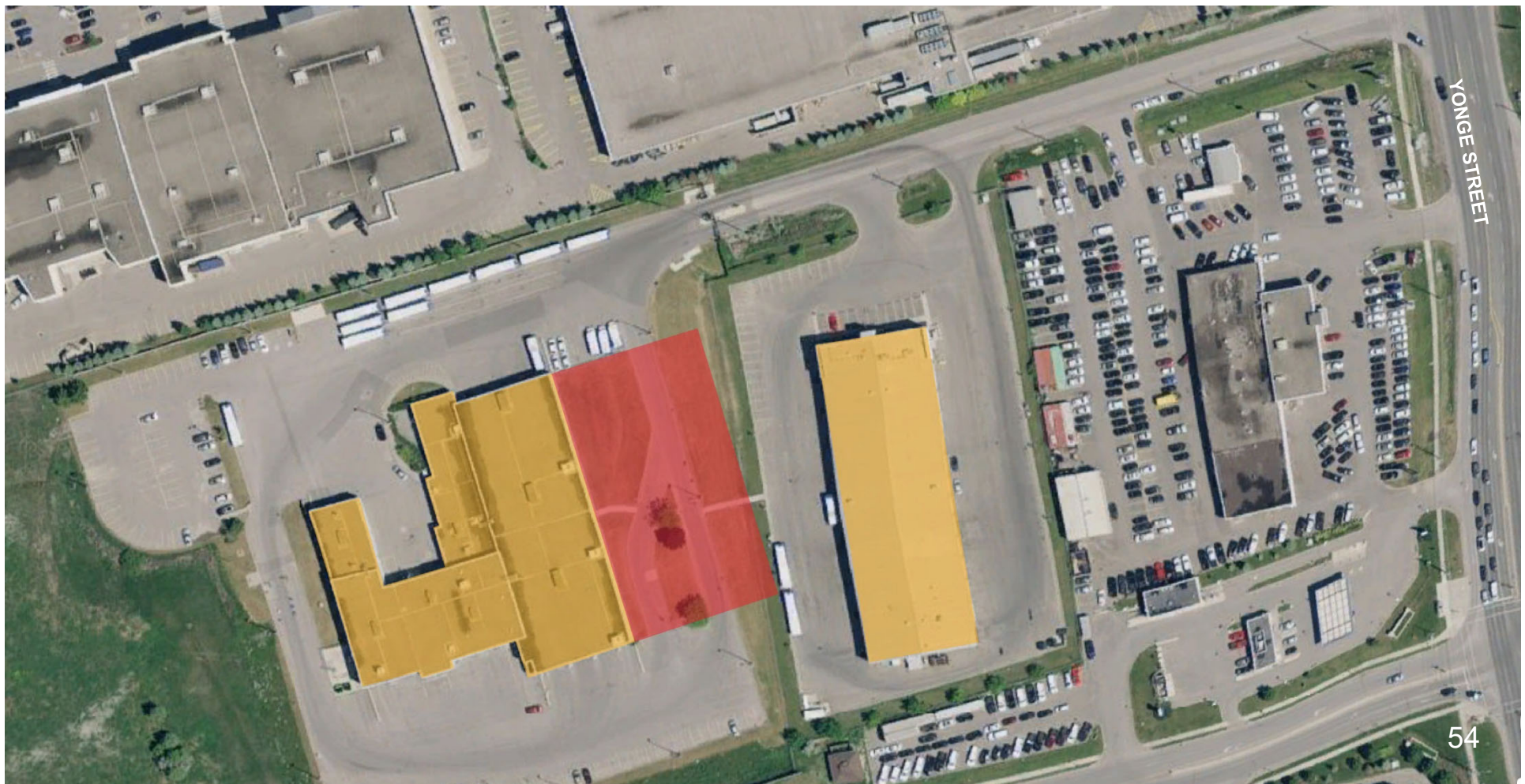


Newmarket

Existing



New



MAJOR MACKENZIE DRIVE WEST TERMINAL

Opposite Mackenzie Vaughan Hospital



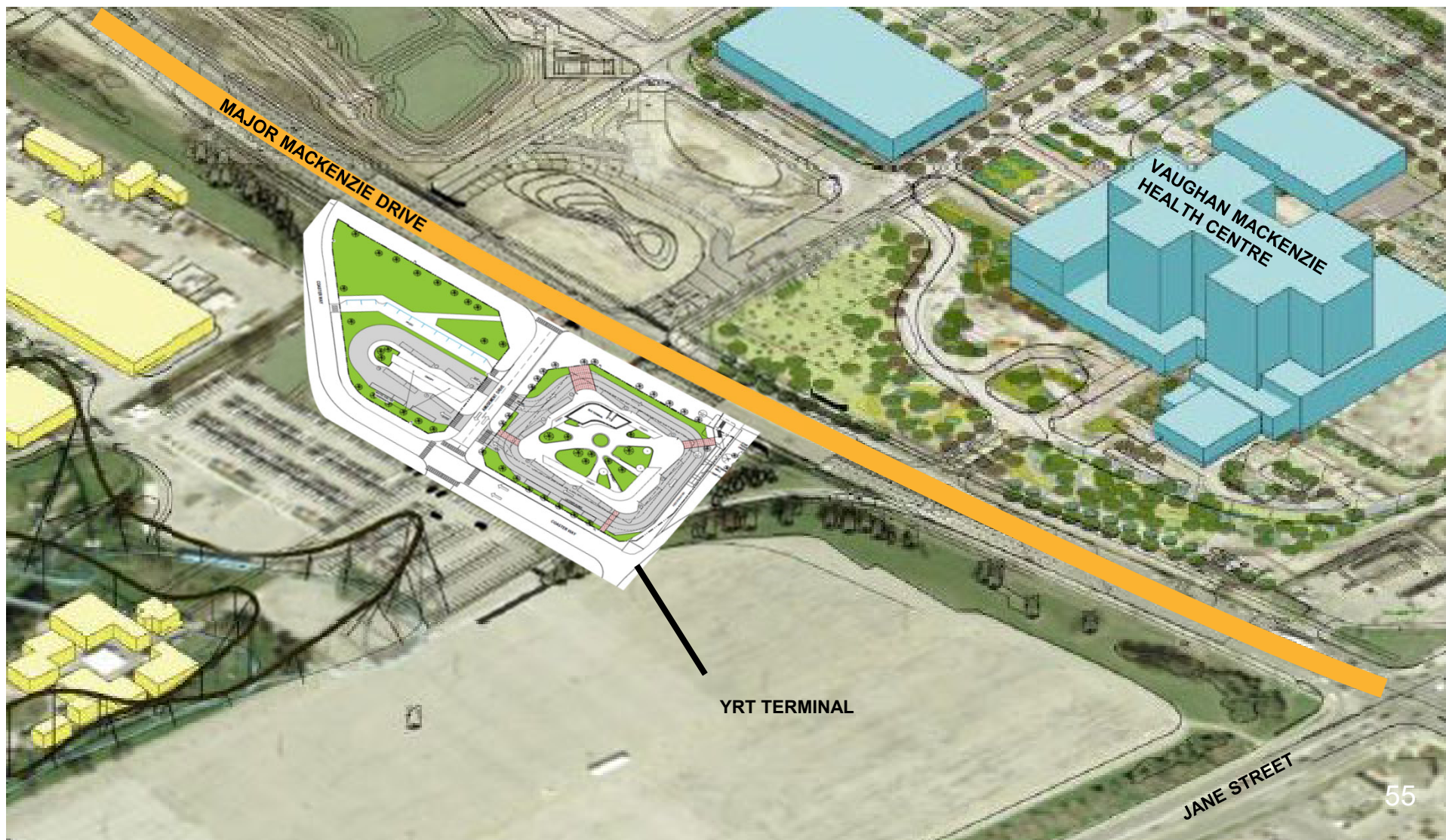
Total Cost:
\$8.5m



Construction:
Tendering



Completion:
2020



TRANSIT SHELTERS, CONCRETE PLATFORMS AND BUS STOPS

Install **50** concrete pads, **10** conventional shelters and **10** solar powered shelters under the expansion program

Install **100** concrete pads and **40** conventional shelters under the renewal program



Total Cost:
\$1.8M



Status:
On-going

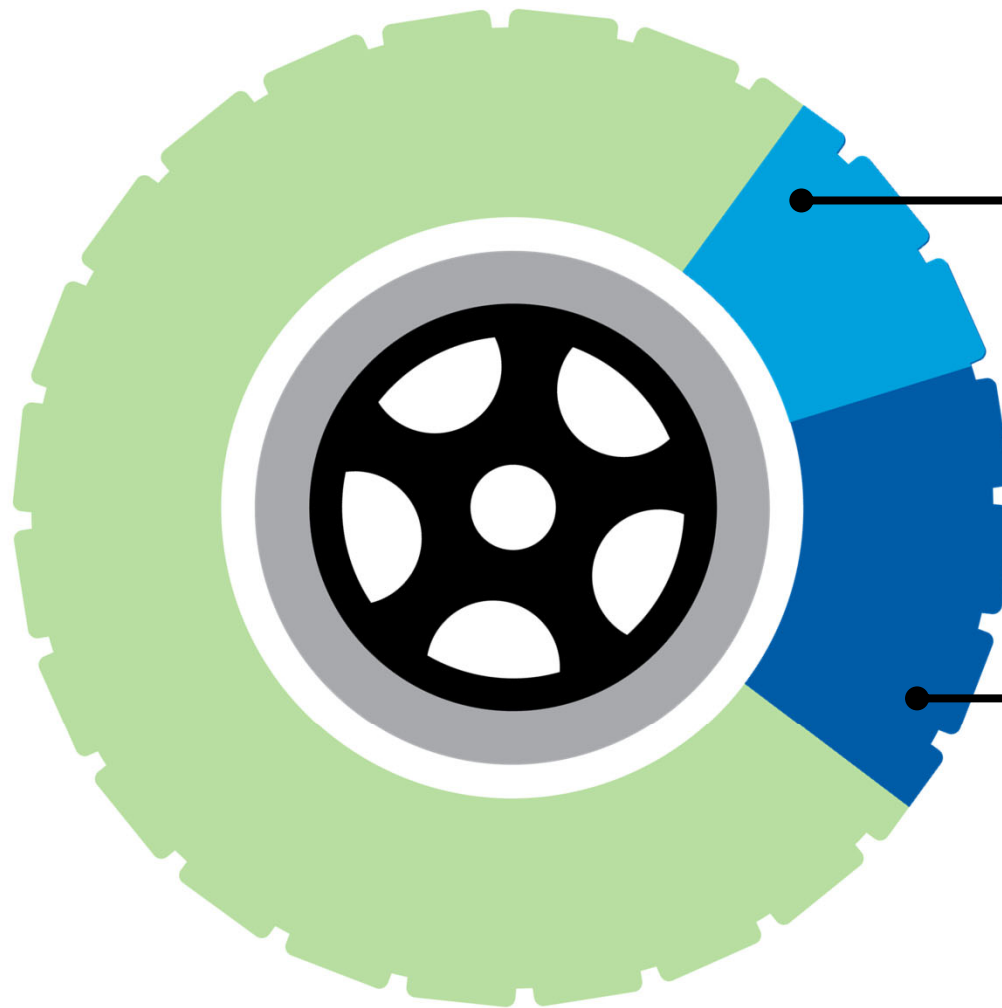


Highway 7

CONSTRUCTION:

- 2019 Asset Management Program

\$91 MILLION INVESTMENT IN ASSET MANAGEMENT IN 2019



Transit \$36.1M




- Fleet Mid-Life Overhaul
- Fleet Retirement and Replacement
- Bus Shelter, Platform and Sign Replacement
- Facility Rehabilitation

Roads \$55.2M

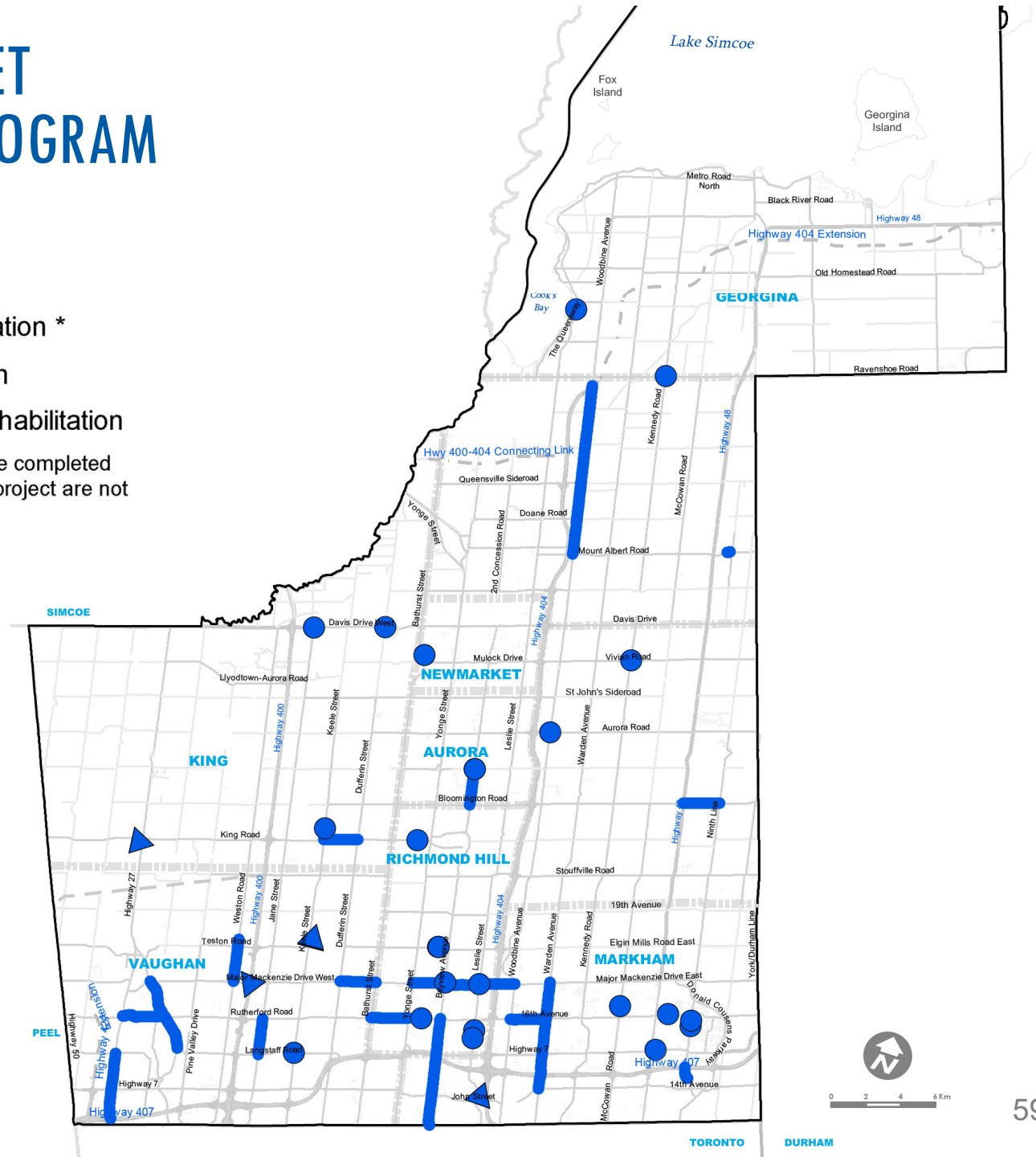
- Road Rehabilitation and Preservation
- Structure Rehabilitation / Replacement
- Intersection Modernization

2019 ROADS ASSET MANAGEMENT PROGRAM

Asset Management

-  Intersection Modernization *
-  Structure Rehabilitation
-  Road Preservation/Rehabilitation

*35 Intersection improvements that will be completed in conjunction with a road rehabilitation project are not shown.



ROAD REHABILITATION AND RESURFACING

Complete rehabilitation on **178** lane-kilometres and
resurfacing of **85** lane-kilometres



Total Cost:
\$33.1M



Phase:
Underway



Yonge Street

STRUCTURE REHABILITATION

Rehabilitate **4** structures



Total Cost:
\$4.1M



Phase:
Underway



INTERSECTION MODERNIZATION

Improve **55** Intersections



Total Cost:
\$5.3M



Phase:
Underway

*Does not include the cost of 35 intersections improved in conjunction with road rehabilitation projects



2019 TRANSIT FLEET OVERHAUL

Refurbish **37** conventional buses



Total Cost:
\$9.3M



Phase:
Underway



PRE-CONSTRUCTION:

- 2019-2028 Growth Program

PLANNING FOR THE FUTURE

2019 10-Year Roads and Transit Capital Construction Program

Road Project



Year

Under Construction
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028

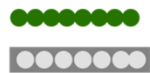
Other Project



Type

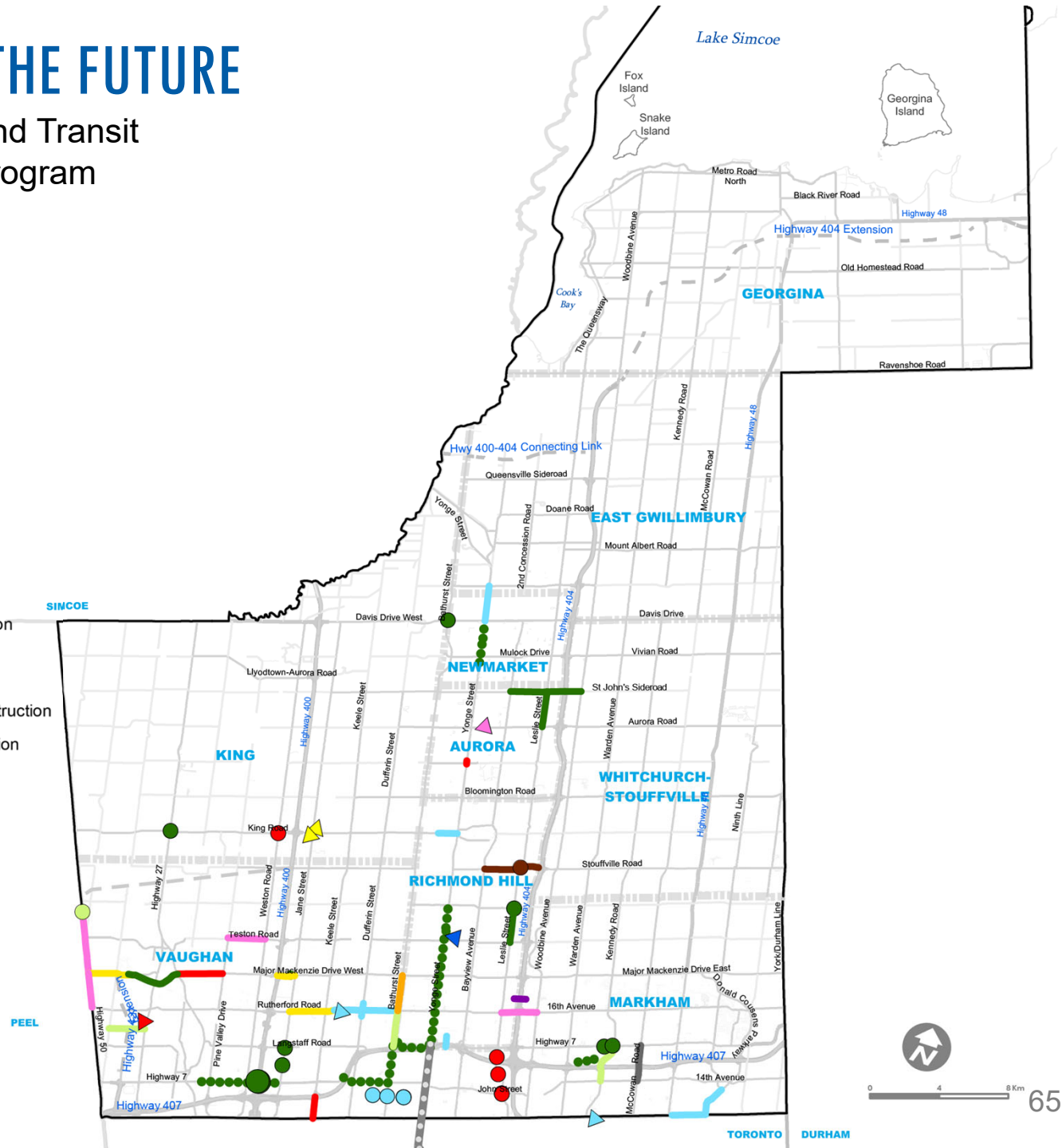
Bridge Replacement/
Improvement
Interchange/ Intersection
Improvement

VivaNext Projects

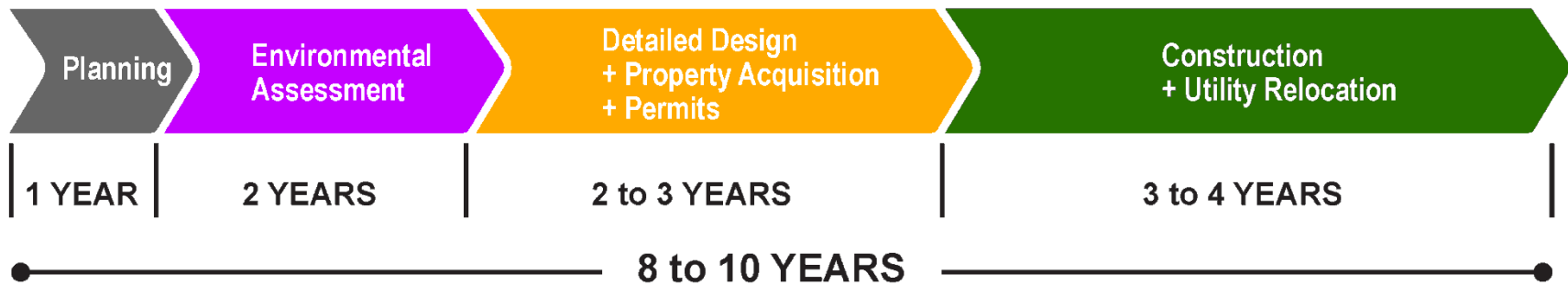


Status

Rapidway Under Construction
Future Subway Extension



GROWTH PROJECT PHASES AND TIMELINES

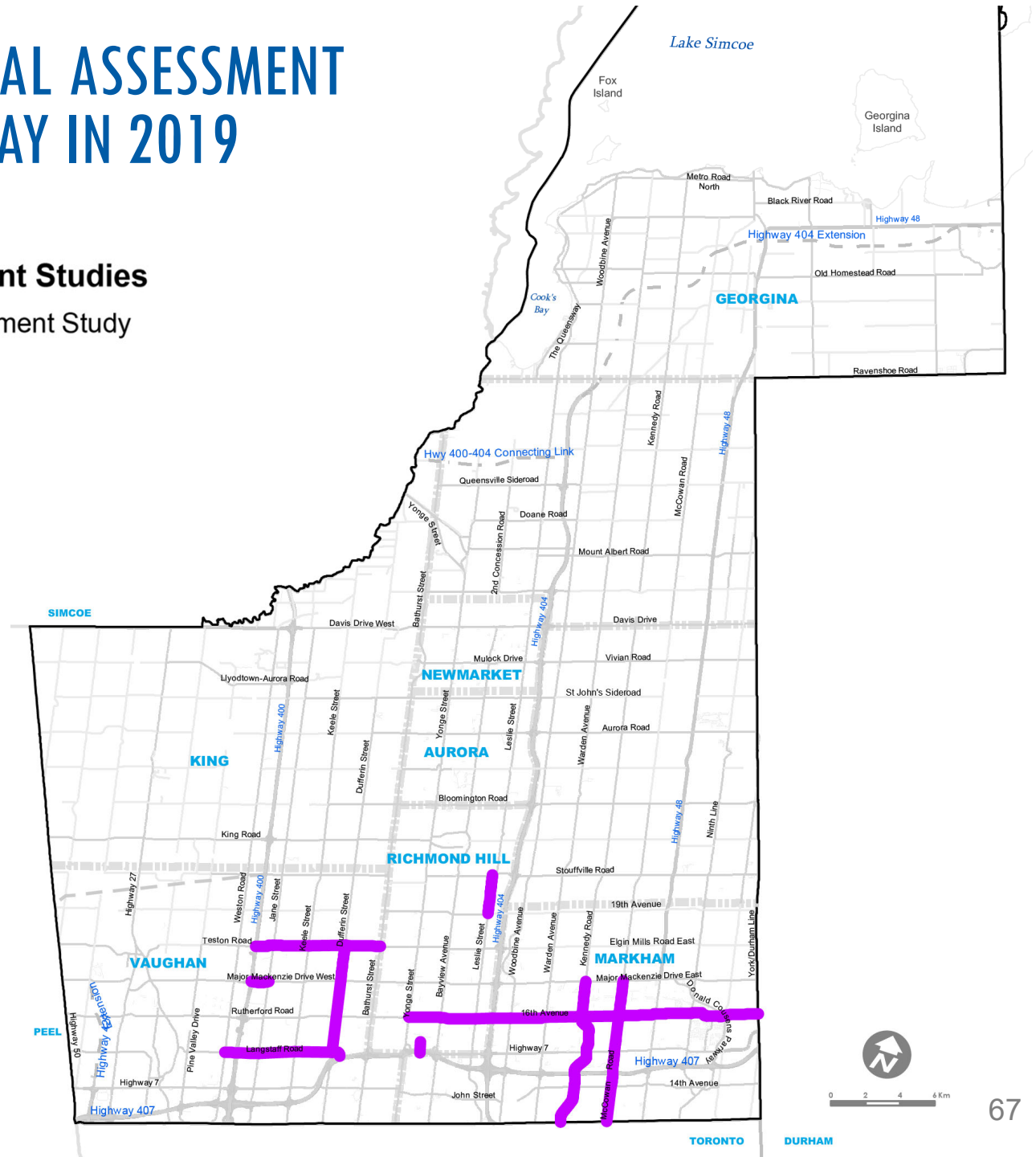


Growth projects on average take 8 to 10 years from start to finish

10 ENVIRONMENTAL ASSESSMENT STUDIES UNDERWAY IN 2019

Environmental Assessment Studies

 Environmental Assessment Study



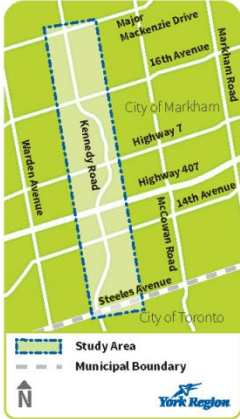
ENVIRONMENTAL ASSESSMENT STUDY ENGAGEMENT

The Regional Municipality of York
NOTICE OF COMMENCEMENT
Municipal Class Environmental Assessment Study of
Kennedy Road
 Steeles Avenue to Major Mackenzie Drive in the City of Markham

The Regional Municipality of York is undertaking a Schedule 'C' Municipal Class Environmental Assessment (EA) Study to review the current and future transportation needs on Kennedy Road between Steeles Avenue and Major Mackenzie Drive in the City of Markham.

Through the EA study, York Region will review traffic operations and the need for transportation system and infrastructure improvements on Kennedy Road.




Public consultation is an important part of the EA study. York Region welcomes resident and stakeholder feedback throughout the study and will also seek community members to form a stakeholder group. This group will meet at key milestones and provide feedback. Information about open houses and other community events will be published in this newspaper and posted on york.ca/ea and York Region's Facebook and Twitter channels. An accessible version of this notice is available upon request. This notice was issued on May 18, 2017.




To submit a comment or question or to apply to be a stakeholder group member, please contact:
 Chris Lumsdon, Communications and Community Engagement Specialist
 The Regional Municipality of York
 17250 Yonge Street, Newmarket, Ontario, L3Y 6Z1
 Phone: 1-877-464-9675 ext. 75560 Fax: 905-836-4590
 Email: roads.ea@york.ca

The study is being conducted in accordance with Schedule 'C' of the Municipal Class Environmental Assessment document (October 2000 as amended in 2007, 2011 and 2015). Personal information submitted (e.g. name, address, and phone number) is collected, maintained, and disclosed under the authority of the *Environmental Assessment Act* and the *Municipal Freedom of Information and Protection of Privacy Act* for transparency and consultation purposes. Personal information submitted will become part of a public record that is available to the general public unless it is requested that the personal information remain confidential.

Wayne Emmerson
 York Region Chairman and CEO

  
GREAT|STREETS
 Building Roads that Build Community



GREAT|STREETS
 Building Roads that Build Community **2018**



VISIT
york.ca/DufferinStreet



GREAT|STREETS
 Building Roads that Build Community **2018**

Do you travel on **Dufferin Street**?

We want your feedback on our ideas to enhance Dufferin Street, between Langstaff Road and Teston Road, for all road users. See the proposed changes and share your comments at

york.ca/DufferinStreet

ROAD SERVICES
 Christine Morrison
 1-877-464-9675 ext. 75923
roads.ea@york.ca





Enhancing the
TRAVELLER EXPERIENCE



ENVIRONMENTAL ASSESSMENT STUDY
 FOR TRANSPORTATION IMPROVEMENT PROJECTS







Roads






2019 ROADS PROGRAM MAP

CONSTRUCTION

Growth

	Intersection Improvement	= 7 projects
	Facility	= 1 project
	Structures	= 2 projects
	Road Reconstruction/Widening	= 9 projects

Asset Management

	Intersection Modernization *	= 56 projects
	Structure Rehabilitation	= 4 projects
	Road Preservation/Rehabilitation	= 21 projects

*35 Intersection modernizations that will be completed in conjunction with a road rehabilitation project are not shown.


CONSTRUCTION AT OVER 100 LOCATIONS

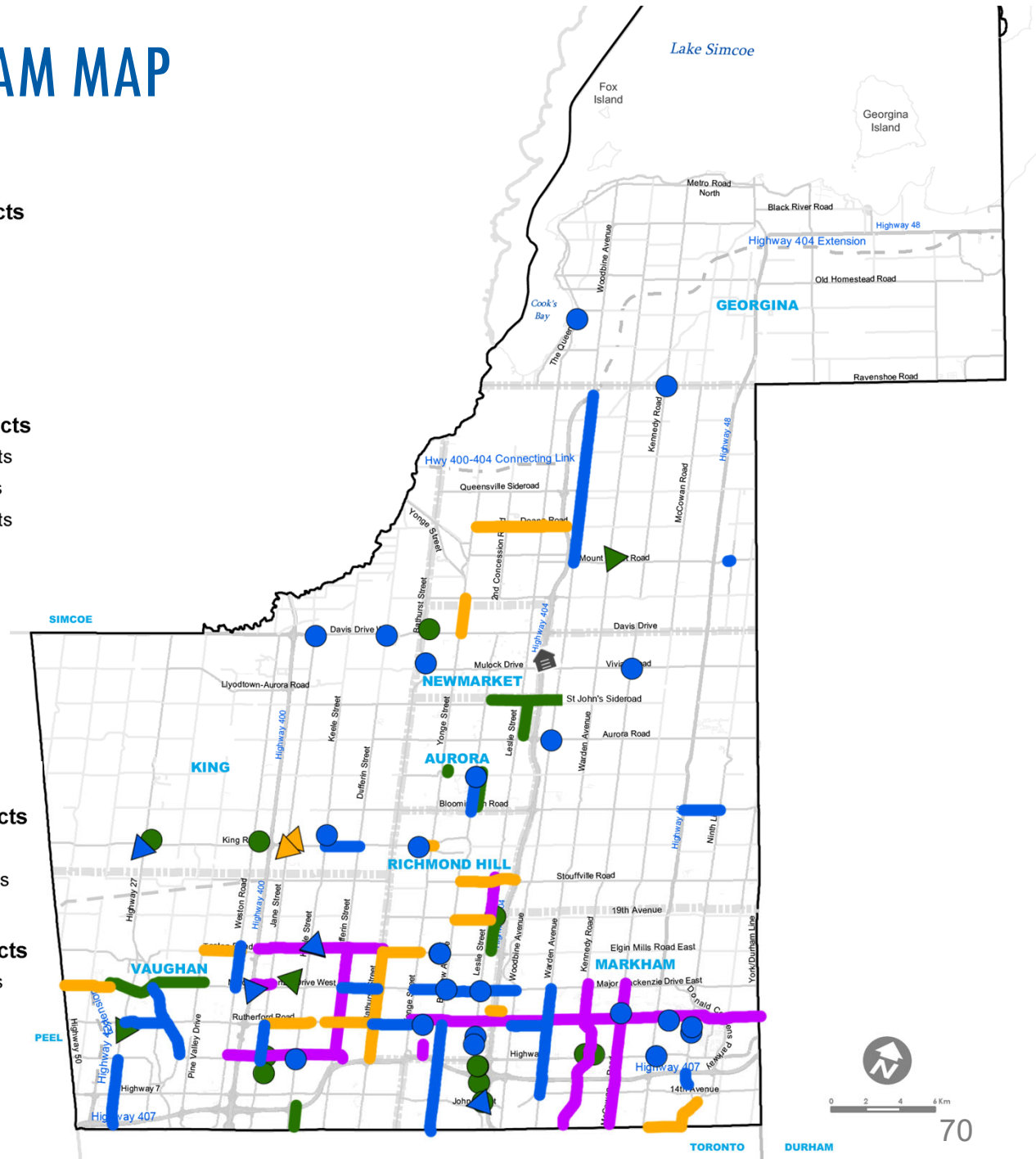
PRE-CONSTRUCTION

Detailed Design

	Structures	= 2 projects
	Roads	= 14 projects

Environmental Assessment Studies = 10 projects

	Environmental Assessment Study	= 10 studies
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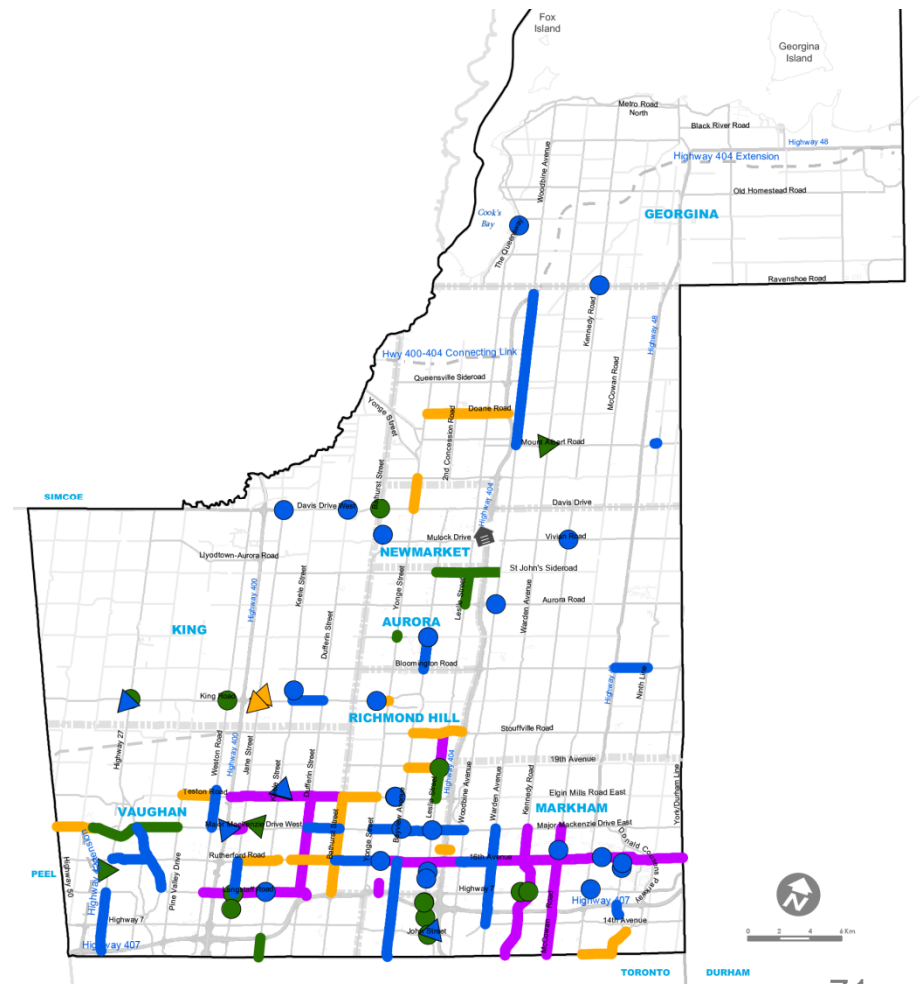


KEY MESSAGES

1. Record investment in Transportation Services during this term of Council
2. Council approved Capital Program that balances growth and asset management needs
3. Coordinating delivery of infrastructure through partnerships with the Province, local municipalities and agencies
4. Actively preparing projects for future construction
5. Building a network to service the needs of York Region's 1.2 million residents and businesses

2019 ROADS PROGRAM MAP

CONSTRUCTION AT OVER 100 LOCATIONS



QUESTIONS/DISCUSSION

For more information
Salim Alibhai, P.Eng., PMP
Director, Capital Planning and Delivery
1-877-464-9675 ext. 75229
Salim.Alibhai@york.ca

