

Clause 4 in Report No. 6 of Committee of the Whole was adopted, without amendment, by the Council of The Regional Municipality of York at its meeting held on April 21, 2016.

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## 2016 Roads Capital Construction Program Update

Committee of the Whole recommends:

1. Receipt of the presentation by Salim Alibhai, Director, Capital Planning and Delivery, Transportation Services.
2. Adoption of the following recommendation contained in the report dated March 16, 2016 from the Commissioner of Transportation Services:
  1. The Regional Clerk circulate this report to the Clerks of the local municipalities.

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Report dated March 16, 2016 from the Commissioner of Transportation Services now follows:

### 1. Recommendation

It is recommended that:

1. The Regional Clerk circulate this report to the Clerks of the local municipalities.

### 2. Purpose

This report provides an update on the status of the 2016 10-Year Roads Capital Construction Program.

### 3. Background

The Region intends to invest \$1.5B in the maintenance and expansion of Regional road infrastructure over the next 10 years

The approved 2016 10-Year Roads Capital Construction Program (Program) has a total budget of \$1.5B, and includes projects in the Growth Program valued at approximately \$1.2B, and the State of Good Repair Program valued at about \$315M.

The 2016 budget includes \$143.3M for growth and state of good repair projects located throughout the Region. Attachment 1 shows the locations of current construction projects.

Capital Planning and Delivery Branch focuses on the timely delivery of projects

The primary focus of the Capital Planning and Delivery Branch is the timely delivery of projects included in the approved 10-Year Roads Capital Construction Program. In addition to growth projects, the Branch mandate includes delivery of state of good repair projects to maintain the Region's road infrastructure in good condition.

This report provides Council with an update on recent achievements, status of current projects and key milestones to be delivered in 2016 and 2017.

The 10-Year Roads Capital Construction Program focuses on growth-related projects

The 10-Year Roads Capital Construction Program focuses on the expansion of the Regional road network infrastructure and creation of new infrastructure. Projects include:

- Road reconstruction
- Road widening from two to four lanes or four to six lanes
- Connecting missing links in the road network
- Constructing midblock crossings of provincial freeways
- Bridge replacements
- Improvements to add exclusive turn lanes at intersections

The Program is robust and will increase capacity of the Region's road network and help manage congestion in constrained parts of the road network.

The 10-Year Roads Capital Construction Program budget has increased from \$475M over the 2011 – 2015 term of Council to over \$635M budgeted for the 2015 – 2018 term of Council. This represents a 34 per cent increase in the Program or an average increase of \$40M per year over this four-year term of Council.

State of Good Repair Program focuses on the maintenance and renewal of existing infrastructure

State of Good Repair projects include pavement repair/preservation/rehabilitation projects, bridge/culvert rehabilitations or replacements, roadside safety device improvements, and intersection improvements such as the installation or modification of traffic control signals, adding zebra markings at crosswalks, and upgrades to intersections to bring them into compliance with Accessibility for Ontarians with Disabilities Act (AODA) requirements.

#### 4. Analysis and Options

2015 was a successful year with the Capital Planning and Delivery Branch exceeding project delivery objectives

2015 was a very successful year for the Capital Planning and Delivery Branch. The Branch delivered all committed project milestones on time or earlier than expected. This resulted in the delivery of a greater percentage of work completed in 2015.

Staff delivered the following, as detailed in Attachment 2:

- Completed construction on three growth projects
- Tendered and awarded contracts for seven growth projects
- Completed rehabilitation of 120 lane kilometres of road and preservation of 30 lane kilometres of road
- Completed rehabilitation of 8 structures
- Completed improvements at 28 intersections/locations

The Branch also completed two environmental assessment studies.

With an increased budget of \$143.3M in 2016, significantly more work is planned in 2016

The 2016 capital budget is more than the 2015 budget and therefore there is a corresponding increase in work to be delivered in 2016. All planned work for growth and state of good repair projects scheduled for 2016 and 2017 is on schedule. The scope and size of contracts for growth-related projects require work over several years. Several multi-year contracts were awarded in 2015 and work on these contracts will continue in 2016 and 2017.

A detailed list of projects the Capital Planning and Delivery Branch will be working on in 2016 is included as Attachment 3.

Table 1 summarizes the programs and number of projects that staff will be working on in 2016:

**Table 1**  
**2016 Programs and Projects**

Description	No. of Projects
<b>Growth Program</b>	
Construction	
<ul style="list-style-type: none"> <li>Work will continue on seven contracts and three new contracts will be tendered</li> </ul>	10
Environmental Assessment Studies	
<ul style="list-style-type: none"> <li>Work will continue on eight studies and will commence on seven new studies</li> </ul>	15
Detailed Design and Property Acquisition	
<ul style="list-style-type: none"> <li>Work will continue on 25 detailed design projects and will commence on three new projects</li> </ul>	28
<b>State of Good Repair Program</b>	
Road Rehabilitation and Preservation	
<ul style="list-style-type: none"> <li>Work will be undertaken on eight road rehabilitation projects, eight road preservation projects, one grind and patch contract and one crack sealing contract</li> </ul>	18
Bridge/Culvert Rehabilitation	
<ul style="list-style-type: none"> <li>Construction will be undertaken on four bridge rehabilitation</li> </ul>	9

projects and design work is ongoing on five projects

Intersection Improvements

- Work will be undertaken on 18 projects/locations to install traffic signals, illumination and improvements to meet AODA requirements and safety 18

**Facilities**

Work is ongoing for planning and design of three road maintenance facilities 3

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<b>Total Projects/Locations</b>	<b>101</b>
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Link to key Council-approved plans

This report links to the following Council-approved plans and policies:

Regional Official Plan

- Invest in infrastructure to support job creation, strengthen the Regional economy and ensure an equal integration between economic vitality, the natural environment and healthy communities
- Ensure the efficient movement of goods and services in Regional centres and corridors through effective planning, urban design and infrastructure planning and deliver context sensitive infrastructure
- Achieve attractive and vibrant urban Regional corridors that link Regional centres
- Reduce automobile dependence by enhancing an active transportation system and programs that encourage residents and workers to walk, cycle, take transit, and carpool

Vision 2051

- Include livable cities, complete communities and interconnected systems for mobility through a network of complete streets

2015 to 2019 Strategic Plan

- Provide needed infrastructure to manage traffic congestion and support sustainable growth along Regional corridors

- Improve existing transportation network, enhance transit operations and improve employment potential of lands

## 5. Financial Implications

The 2016 10-Year Roads Capital Construction Program is on track to meet or exceed the corporate delivery target of 90 per cent

The 2016 10-Year Roads Capital Construction Program is on track to meet the 90 per cent delivery target of the 2016 budget. Meeting the budget target is an important indicator that project milestones are being achieved.

With Council's increased focus on improving the Region's transportation infrastructure, the capital budget is planned to increase from \$143M in 2016 to \$200M in 2017 as shown in Table 2, subject to Council approval. This significant increase (\$70M from 2015 to 2017) reflects the amount of construction work that has been committed through projects that have been tendered in 2016, and those to be tendered in 2017. A significant portion of the 2016 budget has been committed through projects that have been awarded as of the end of Q1.

**Table 2**  
**2015 Actuals and 2016-2018 Capital Budget**

Program	2015 Actuals (\$M)	2016 (\$M)	2017* (\$M)	2018* (\$M)
Growth Program	96.5	111.6	164.4	134.8
State of Good Repair				
• Roads	22.4	18.5	18.9	18.7
• Structures	4.7	3.7	5.1	7.1
• Intersection Improvements	4.0	5.4	5.4	5.4
Facilities	1.2	4.1	5.3	11.8
<b>Total</b>	<b>128.8</b>	<b>143.3</b>	<b>199.1</b>	<b>177.8</b>

\* 2017 and 2018 budget (from approved 2016 10-Year Outlook)

## 6. Local Municipal Impact

Regional staff continue to work closely with staff from local municipalities to ensure their concerns are addressed and infrastructure needs are included as part of Region projects. Infrastructure, such as watermains and sewers, street lights, sidewalks and multi-use paths, are routinely incorporated into Region construction contracts at the request of local municipalities. In 2016 and 2017, \$38M in local municipal infrastructure will be included in Regional projects.

The successful and timely delivery of key infrastructure is critical to meet the needs of our residents and businesses and to manage the impacts of growth throughout the Region.

## 7. Conclusion

The Region continues to invest significant resources in the expansion and maintenance of Regional road infrastructure, with a number of large projects underway that will be delivered during the 2015 – 2018 Council term.

The 2016 10-Year Roads Capital Construction Program is on track to meet the delivery target of 90 per cent of the 2016 budget, and all 2016 construction projects are scheduled to be delivered as planned.

For more information on this report, please contact Salim Alibhai, Director, Capital Planning and Delivery at ext. 75229.

The Senior Management Group has reviewed this report.

March 16, 2016

Attachments (3)

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Accessible formats or communication supports are available upon request

# 2016 Roads Capital Planning and Delivery Projects

**Legend**

**Growth Projects**

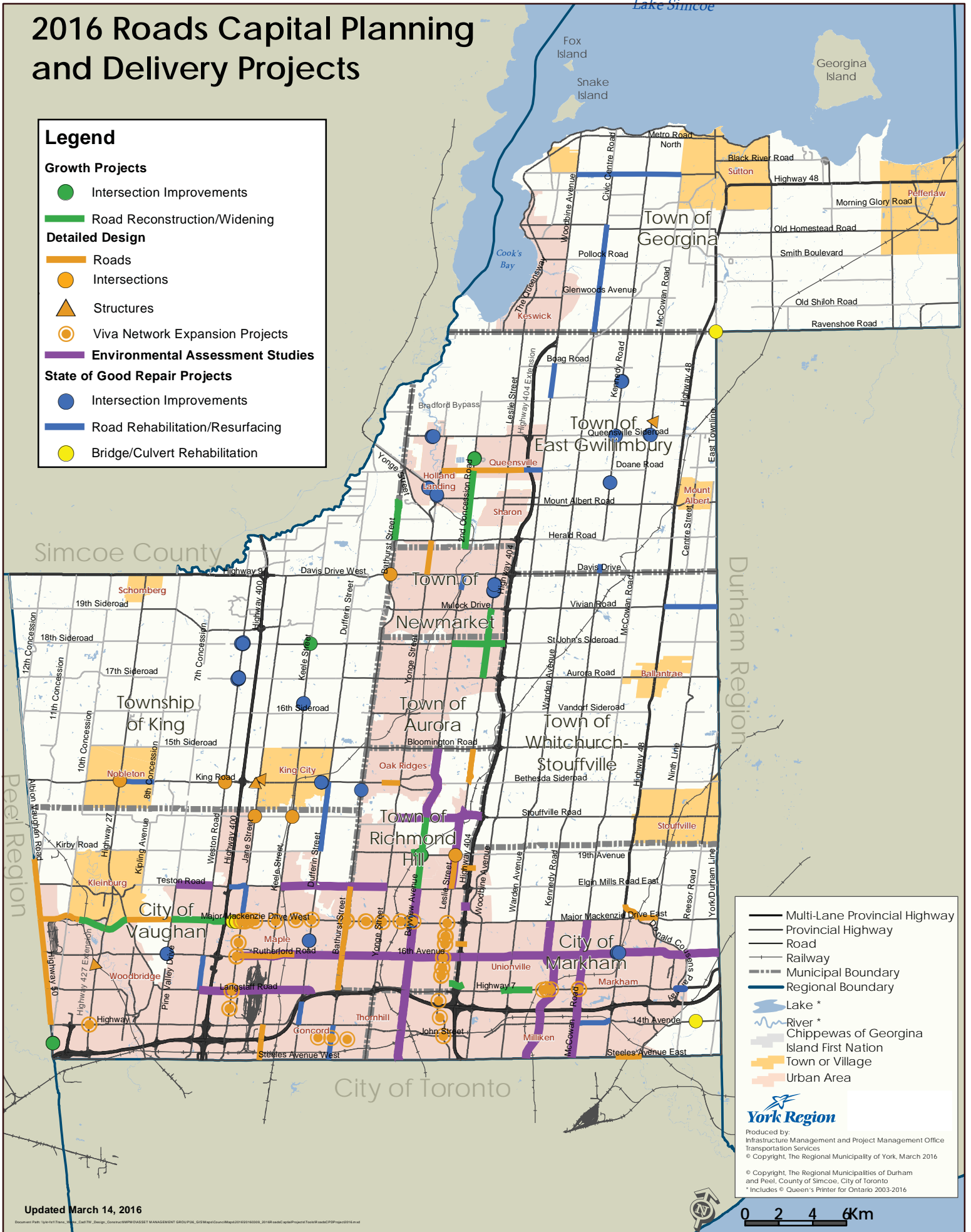
- Intersection Improvements
- ▬ Road Reconstruction/Widening

**Detailed Design**

- ▬ Roads
- Intersections
- ▲ Structures
- Viva Network Expansion Projects
- ▬ Environmental Assessment Studies

**State of Good Repair Projects**

- Intersection Improvements
- ▬ Road Rehabilitation/Resurfacing
- Bridge/Culvert Rehabilitation



- ▬ Multi-Lane Provincial Highway
- ▬ Provincial Highway
- ▬ Road
- ▬ Railway
- ▬ Municipal Boundary
- ▬ Regional Boundary
- Lake \*
- ▬ River \*
- ▬ Chippewas of Georgina Island First Nation
- ▬ Town or Village
- ▬ Urban Area

**York Region**

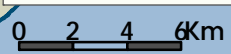
Produced by:  
Infrastructure Management and Project Management Office  
Transportation Services

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Updated March 14, 2016





2016 Roads Capital Construction Program  
Summary of 2015 Accomplishments

Committee of the Whole  
Transportation Services  
April 7, 2016

GROWTH PROGRAM

Construction of the following major projects was completed in 2015

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Bloomington Road, Bathurst Street to Highway 404	Town of Aurora and Town of Richmond Hill	\$36.2M
Ninth Line, Major Mackenzie Drive to Rupert Avenue	Town of Whitchurch-Stouffville and City of Markham	\$38.7M
Bathurst Street, 1 km north of Morning Sideroad to Highway 11	Township of King and Town of East Gwillimbury	\$10.0M

Construction of the following major projects was underway in 2015 and will continue in 2016

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>	<b>Construction Completion</b>
2nd Concession, south of Green Lane to Doane Road	Town of East Gwillimbury and Town of Newmarket	\$69.0M	2016
Leslie Street, Broughton Lane to Mulock Drive	Town of Newmarket	\$13.0M	2016
Keele Street at Lloydtown-Aurora Road – Roundabout	Township of King	\$5.1M	2016
Major Mackenzie Drive, Pine Valley Drive to Highway 400	City of Vaughan	\$31.4M	2016
Highway 7, Town Centre Boulevard to Sciberras Road	City of Markham	\$40.9M	2017
Bathurst Street, Green Lane to north of Morning Sideroad	Town of East Gwillimbury and Township of King	\$32.7M	2017
Bayview Avenue, Elgin Mills Road to Stouffville Road and 19th Avenue, Linda Margaret Crescent to Bayview Avenue	Town of Richmond Hill	\$37.0M	2017

Planning, environmental assessment studies and detailed design were also underway for a number of future projects. A detailed list is included in Attachment 3.

2016 Roads Capital Construction Program Update  
 Summary of 2015 Accomplishments

STATE OF GOOD REPAIR PROGRAM

In addition to growth-related road projects, many maintenance/ renewal capital projects were tendered and constructed in 2015

Road Rehabilitation/resurfacing

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
14th Avenue, Ninth Line to York/Durham Line	City of Markham	\$0.9M
16th Avenue, Highway 48 to Donald Cousens Parkway	City of Markham	\$1.8M
16th Avenue, Warden Avenue to Kennedy Road	City of Markham	\$2.2M
Dufferin Street, north of Major Mackenzie Drive to Kirby Road	City of Vaughan	\$3.2M
Old Homestead Road, Warden Avenue to Station Road	Town of Georgina	\$2.2M
Warden Avenue, Queensville Sideroad to Ravenshoe Road	Town of East Gwillimbury	\$4.1M
Woodbine Avenue, Highway 7 to 16th Avenue	City of Markham	\$2.2M

Pavement Preservation

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Bathurst Street at Green Lane West intersection	Town of East Gwillimbury	\$0.2M
Mount Albert Road, Kennedy Road to Highway 48	Town of East Gwillimbury	\$0.5M
Rutherford Road, CP Railway (440 m west of Highway 27) to west of Highway 27	City of Vaughan	\$0.7M
St. John's Sideroad, Yonge Street to Bayview Avenue	Town of Aurora	

2016 Roads Capital Construction Program Update  
 Summary of 2015 Accomplishments

Miscellaneous improvements completed in 2015

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Guiderail Improvements - 21 locations throughout the Region	Various	\$0.8M
Crack Sealing - 104 road sections and intersections throughout the Region	Various	\$0.4M
Road Patching - 185 locations throughout the Region	Various	\$3.6M

Bridge and culvert rehabilitation projects completed in 2015

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Dufferin Street, 700 m south of Major Mackenzie Drive	City of Vaughan	\$0.8M
Highway 27, 700 m north of Highway 7	City of Vaughan	\$0.1M
McCowan Road, 700 m north of Highway 407	City of Markham	\$0.4M
McCowan Road, 1.0 km north of Stouffville Road	Town of Whitchurch-Stouffville	\$0.3M
Mount Albert Road, 600 m east of Centre Street	Town of East Gwillimbury	\$0.2M
Mulock Drive, 1.3 km east of Yonge Street	Town of Newmarket	\$0.2M
Pefferlaw Road, 1.6 km west of Lake Ridge Road	Town of Georgina	\$0.1M
York/Durham Line, 1.9 km north of Stouffville Road	Town of Whitchurch-Stouffville	\$0.1M

2016 Roads Capital Construction Program Update  
 Summary of 2015 Accomplishments

Traffic control signal/intersection improvements completed in 2015

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Jane Street south of Major Mackenzie Drive	City of Vaughan	\$0.1M
Warden Avenue at Vivian Road	Town of Whitchurch-Stouffville	
Dufferin Street at Royal Crest Academy	City of Vaughan	
Jane Street at Ahmadiyya Baitul Islam Mosque	City of Vaughan	\$0.2M
Kennedy Road at Milliken Mills High School south access	City of Markham	
Village Parkway/Country Estates Drive at 16th Avenue	City of Markham	
Donald Cousens Parkway at Delray Drive	City of Markham	\$0.3M
Elgin Mills Road at Duke of York/Prince Regent	City of Markham	
Bathurst Street at Tower Hill Road	City of Vaughan and Town of Richmond Hill	\$0.3M
Weston Road at Chatfield Drive/Retreat Boulevard	City of Vaughan	
Davis Drive at Eagle Street	Town of Newmarket	\$0.4M
Islington Avenue at Hayhoe Lane	City of Vaughan	\$0.2M
Highway 7 at Main Street	City of Markham	\$0.3M
Major Mackenzie Drive at Melville Avenue	City of Vaughan	\$0.2M
School Zone Flashers – two locations	Township of King and Town of East Gwillimbury	\$0.1M
Flashing Beacons – two locations	Township of King and Town of East Gwillimbury	\$0.05M

2016 Roads Capital Construction Program Update  
 Summary of 2015 Accomplishments

Zebra marking locations completed in 2015

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Dufferin Street at Dufferin Hill Drive/Apple Blossom Drive	City of Vaughan	\$0.1M
Woodbine Avenue at Church Street	Town of Georgina	
Green Lane East at Harry Walker Parkway	Town of East Gwillimbury	
Bayview Avenue at the Real Canadian Superstore	Town of Aurora	
Ninth Line at Tier's Gate/White's Hill Avenue	City of Markham	
Warden Avenue at commercial entrance north of Steeles Avenue	City of Markham	
Leslie Street at Elgin Street	Town of Newmarket	\$0.2M
Leslie Street at Leslie Valley Drive/Ringwell Drive	Town of Newmarket	
Leslie Street at Jacarandah Drive/Stellar Drive	Town of Newmarket	\$0.2M
Leslie Street at Wayne Drive	Town of Newmarket	

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2016 Roads Capital Construction Program  
Summary of Current Projects

Committee of the Whole  
Transportation Services  
April 7, 2016

## GROWTH PROGRAM

## Major Capital – Construction - 10 Projects

Project Location	Municipality	Total Project Cost	Construction Completion
<b>7 Continuing Contracts</b>			
2nd Concession, south of Green Lane to Doane Road	Town of East Gwillimbury and Town of Newmarket	\$69.0M	2016
Leslie Street, Broughton Lane to to Mulock Drive	Town of Newmarket	\$13.0M	2016
Keele Street at Lloydtown-Aurora Road – Roundabout	Township of King	\$5.1M	2016
Major Mackenzie Drive, Pine Valley Drive to Highway 400	City of Vaughan	\$31.4M	2016
Highway 7, Town Centre Boulevard to Sciberras Road	City of Markham	\$40.9M	2017
Bathurst Street, Green Lane to north of Morning Sideroad	Town of East Gwillimbury and Township of King	\$32.7M	2017
Bayview Avenue, Elgin Mills Road to Stouffville Road and 19th Avenue, Linda Margaret Crescent to Bayview Avenue	Town of Richmond Hill	\$37.0M	2017
<b>3 New Contracts</b>			
Highway 404 midblock crossing, north of Highway 7, including northbound off-ramp extension	City of Markham and Town of Richmond Hill	\$50.9M	2018
St, John's Sideroad, Bayview Avenue to Highway 404 and Leslie Street, Wellington Street to Broughton Lane	Town of Aurora	\$50.2M	2018
Major Mackenzie Drive, CP Railway tracks to Highway 27	City of Vaughan	\$55.0M	2019

2016 Capital Construction Program Update  
 Summary of Current Projects

Major Capital – Environmental Assessment Studies – 15 Projects

<b>Project Location</b>	<b>Municipality</b>
<b>8 Continuing Studies</b>	
Bayview Avenue south, Steeles Avenue to Elgin Mills Road	Town of Richmond Hill
Bayview Avenue north, Stouffville Road to Bloomington Road	Town of Richmond Hill
Elgin Mills Road, Bathurst Street to Yonge Street	Town of Richmond Hill
Leslie Street, Elgin Mills Road to Stouffville Road (EA Addendum)	Town of Richmond Hill
Rutherford Road/Carrville Road, Rutherford Road to Yonge Street	City of Vaughan
Stouffville Road, Yonge Street to Highway 404	Town of Whitchurch-Stouffville
Steeles Avenue, Kennedy Road to Midland Avenue including grade separation at GO rail line	City of Markham and City of Toronto
Teston Road, Pine Valley Drive to Weston Road	City of Vaughan
<b>7 New Studies</b>	
Highway 404 midblock crossing, north of Major Mackenzie Drive	City of Markham and Town of Richmond Hill
Kennedy Road, Steeles Avenue to Major Mackenzie Drive	City of Markham
Langstaff Road, Weston Road to Highway 7	City of Vaughan
McCowan Road, Steeles Avenue to Major Mackenzie Drive	City of Markham
Teston Road, Keele Street to Bathurst Street	City of Vaughan
16th Avenue, Yonge Street to Woodbine Avenue	Town of Richmond Hill
16th Avenue, Woodbine Avenue to York/Durham Line	City of Markham

Major Capital – Detailed Design - 28 Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>	<b>Construction Completion</b>
<b>25 Continuing Projects</b>			
Bathurst Street at Davis Drive intersection improvements	Township of King and Town of Newmarket	\$4.3M	2017
Bathurst Street, Highway 7 to Elgin Mills Road	City of Vaughan and Town of Richmond Hill	\$53.1M	2024

2016 Capital Construction Program Update  
 Summary of Current Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>	<b>Construction Completion</b>
Doane Road, Yonge Street to Highway 404	Town of East Gwillimbury	\$62.1M	2026
Donald Cousens Parkway, Major Mackenzie Drive to Highway 48	City of Markham	\$19.5M	2019
East Humber River Bridge rehabilitation (Jane Street north of King Road)	Township of King	\$1.2M	2018
Gibney Bridge replacement (McCowan Road north of Queensville Sideroad)	Town of East Gwillimbury	\$2.0M	2017
Highway 27 at CP Railway Bridge south of Rutherford Road	City of Vaughan	\$16.6M	2017
Highway 50, Highway 7 to Mayfield Road and Highway 50/Gore Road intersection	City of Vaughan and Region of Peel	\$37.2M	2022
Highway 404 midblock crossing, north of 16th Avenue	City of Markham and Town of Richmond Hill	\$42.9M	2022
Keele Street, Steeles Avenue to Highway 407	City of Vaughan	\$27.2M	2018
King Horn Bridge replacement (King Road East of Highway 400)	Township of King	\$2.5M	2018
King Road at Highway 27 intersection improvements	Township of King	\$3.4M	2017
King Road at Weston Road intersection improvements	Township of King	\$3.8M	2018
King Road, Yonge Street to Bond Crescent	Town of Richmond Hill	\$3.0M	2022
King-Vaughan Road at Jane Street intersection improvements	City of Vaughan	\$4.6M	2028
King-Vaughan Road at Keele Street intersection improvements	City of Vaughan	\$3.4M	2027
Leslie Street, Bethesda Sideroad to Bloomington Road	Town of Richmond Hill	\$15.8M	Beyond 2025
Leslie Street, Elgin Mills Road to 19th Avenue, including jog elimination at Leslie Street at 19th Avenue	Town of Richmond Hill	\$16.9M	2019
Leslie Street, Steeles Avenue to Highway 7 (Lake to Lake Cycling Route)	City of Markham	\$3.9M	Not Funded
Major Mackenzie Drive, Highway 27 to Pine Valley Drive	City of Vaughan	\$42.1M	2019



2016 Capital Construction Program Update  
 Summary of Current Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>	<b>Construction Completion</b>
Major Mackenzie Drive, Highway 50 to CP Railway	City of Vaughan	\$19.1M	2020
vivaNext Expansion Program Silver (Jane Street at Major Mackenzie Drive)	City of Vaughan and Town of Richmond Hill	\$28.2M	2019
vivaNext Expansion Program Purple, Orange (Highway 7 at Clark Avenue)	City of Vaughan and City of Markham		2019
vivaNext Expansion Program Green (Major Mackenzie Drive at Leslie Street)	Town of Richmond Hill and City of Markham		2020
Yonge Street, Davis Drive to Green Lane	Town of Newmarket and Town of East Gwillimbury	\$26.3M	2021
<b>3 New Projects</b>			
Highway 404 midblock crossing, north of 16th Avenue	Town of Richmond Hill and City of Markham	\$38.3M	2023
Rutherford Road, Jane Street to east of Keele Street	City of Vaughan	\$19.0M	2021
Steeles Avenue, Donald Cousens Parkway to Morningside Drive	City of Markham and City of Toronto	\$30.0M	Not Funded

STATE OF GOOD REPAIR PROGRAM

Road Rehabilitation/Resurfacing Projects - 10 Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Baseline Road, Woodbine Avenue to McCowan Road	Town of Georgina	\$3.5M
Doane Road, Leslie Street to Woodbine Avenue	Town of Georgina	\$0.5M
Dufferin Street, Kirby Road to King Road	City of Vaughan and Township of King	\$2.2M
King Road, Highway 27 to 8th Concession	Township of King	\$1.1M
Prospect Street, Lydia Street to Davis Drive	Town of Newmarket	\$0.8M
Stouffville Road, Yonge Street to Leslie Street	Town of Whitchurch-Stouffville	\$2.1M
Warden Avenue, Ravenshoe Road to Old Homestead Road	Town of Georgina	\$3.2M

2016 Capital Construction Program Update  
 Summary of Current Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
14th Avenue, McCowan Road to Markham Road	City of Markham	\$1.9M
Crack Sealing Contract - various roads throughout Region	Various	\$0.3M
Grind and Patch Contract – various locations throughout Region	Various	\$2.4M

Road Preservation – 8 Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Kennedy Road, Davis Drive to dead end	Town of East Gwillimbury	\$0.6M
Vivian Road, Highway 48 to York/Durham Line	Town of Whitchurch-Stouffville	
Bathurst Street, Steeles Avenue to Centre Street	City of Vaughan	\$2.4M
Dufferin Street, Centre Street to Highway 407	City of Vaughan	
Highway 7, Donald Cousens Parkway	City of Markham	
Jane Street, Major Mackenzie Drive to Teston Road	City of Vaughan	
Teston Road, Highway 400 to Jane Street	City of Vaughan	
Weston Road, Langstaff Road to Rutherford Road	City of Vaughan	

Structure Rehabilitations – 4 Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Little Rouge Creek Bridge on 14th Avenue, 870 m east of Reesor Road	City of Markham	\$0.9M
Major Mackenzie Drive Bridge 480 m east of Highway 400	City of Vaughan	\$1.0M
Major Mackenzie Drive Bridge 550 m east of Highway 400	City of Vaughan	
York/Durham Line culvert located just south of Ravenshoe Road	Town of Georgina	\$0.4M

2016 Capital Construction Program Update  
 Summary of Current Projects

Intersection Improvements – 18 Projects

<b>Project Location</b>	<b>Municipality</b>	<b>Total Project Cost</b>
Bathurst Street at Augustine Avenue	Town of Richmond Hill	\$0.6M
Highway 11 (Holland Landing Road) at Spruce Avenue	Town of East Gwillimbury	
Kennedy Road at Queensville Sideroad	Town of East Gwillimbury	
Major Mackenzie Drive East at Colborne Avenue	Town of Richmond Hill	
McCowan Road at Queensville Sideroad	Town of East Gwillimbury	
Keele Street at Cavell Avenue	Township of King	\$0.5M
Pine Valley Drive at Rutherford Road	City of Vaughan	
Queensville Sideroad West at Sand Road	Town of East Gwillimbury	
Yonge Street at School Street	Town of East Gwillimbury	
King Road at Spring Hill Drive/Stan Roots Street	Township of King	\$0.3M
Kennedy Road at Bridle Path	Town of East Gwillimbury	\$0.06M
Kennedy Road at Cole Road	Town of East Gwillimbury	
Weston Road at 17th Sideroad	Township of King	
Weston Road at 18th Sideroad	Township of King	
Leslie Street at Gorham Street	Town of Newmarket	\$0.2M
Leslie Street at Srigley Street/Stackhouse Road	Town of Newmarket	\$0.1M
Yonge Street at North Lake Road/Aubrey Avenue	Town of Richmond Hill	\$0.2M
16th Avenue, Main Street to Peter Street	City of Markham	\$0.03M

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# Capital Planning and Delivery Update

Transportation Services Presentation to  
**Committee of the Whole**

**Salim Alibhai**

Thursday, April 7, 2016



# \$2.4B Transportation Capital Budget

Fleet  
Garages  
Terminals  
Technology



Roads  
Bridges  
Signals  
Illumination  
Yards  
Technology



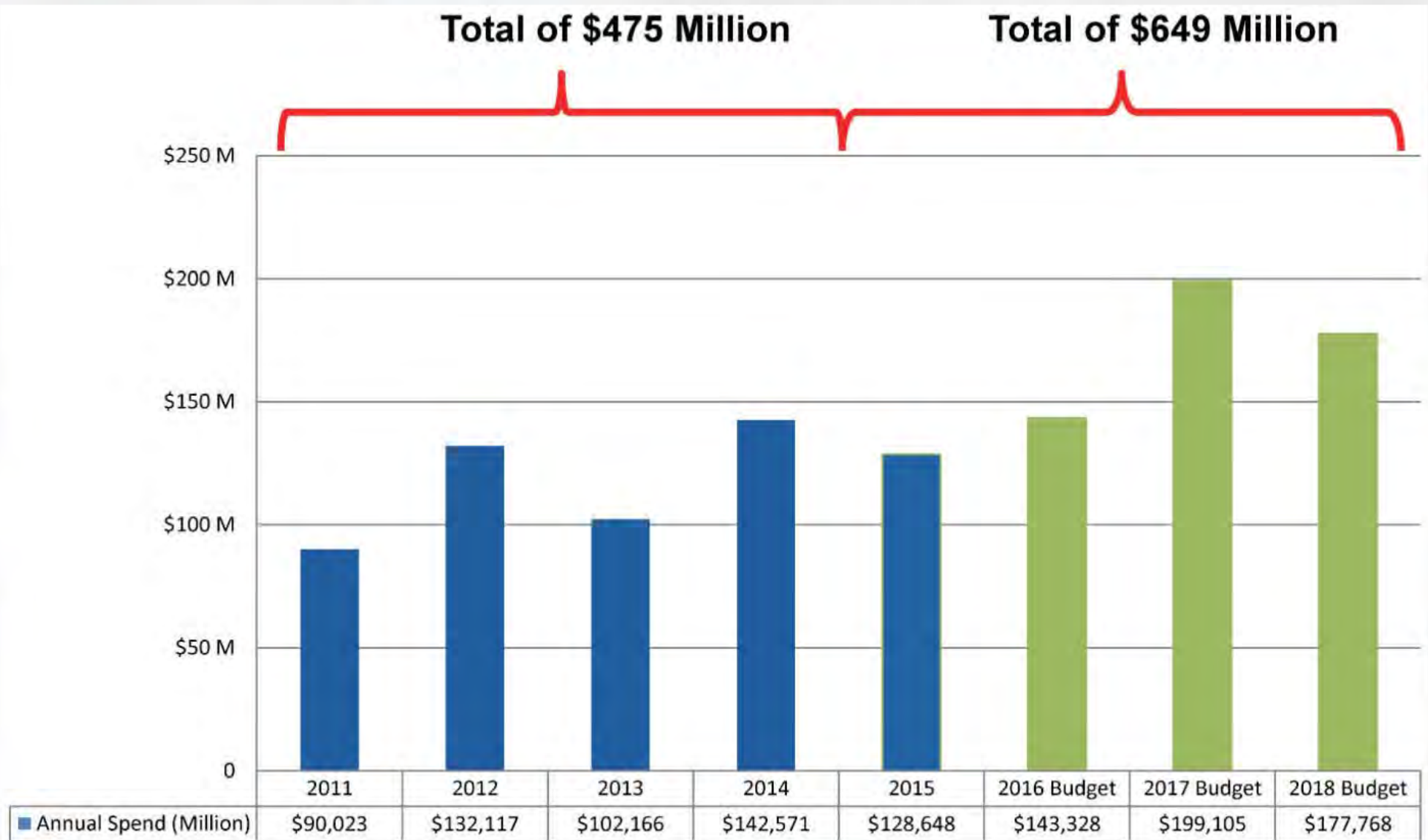
# \$1.7 Billion 10-Year Roads Capital Budget



Funds Growth Program and State of Good Repair Program

# Increased Funding in Roads Programs

## Roads Capital Spending 2011 to 2018



# 2015 Accomplishments

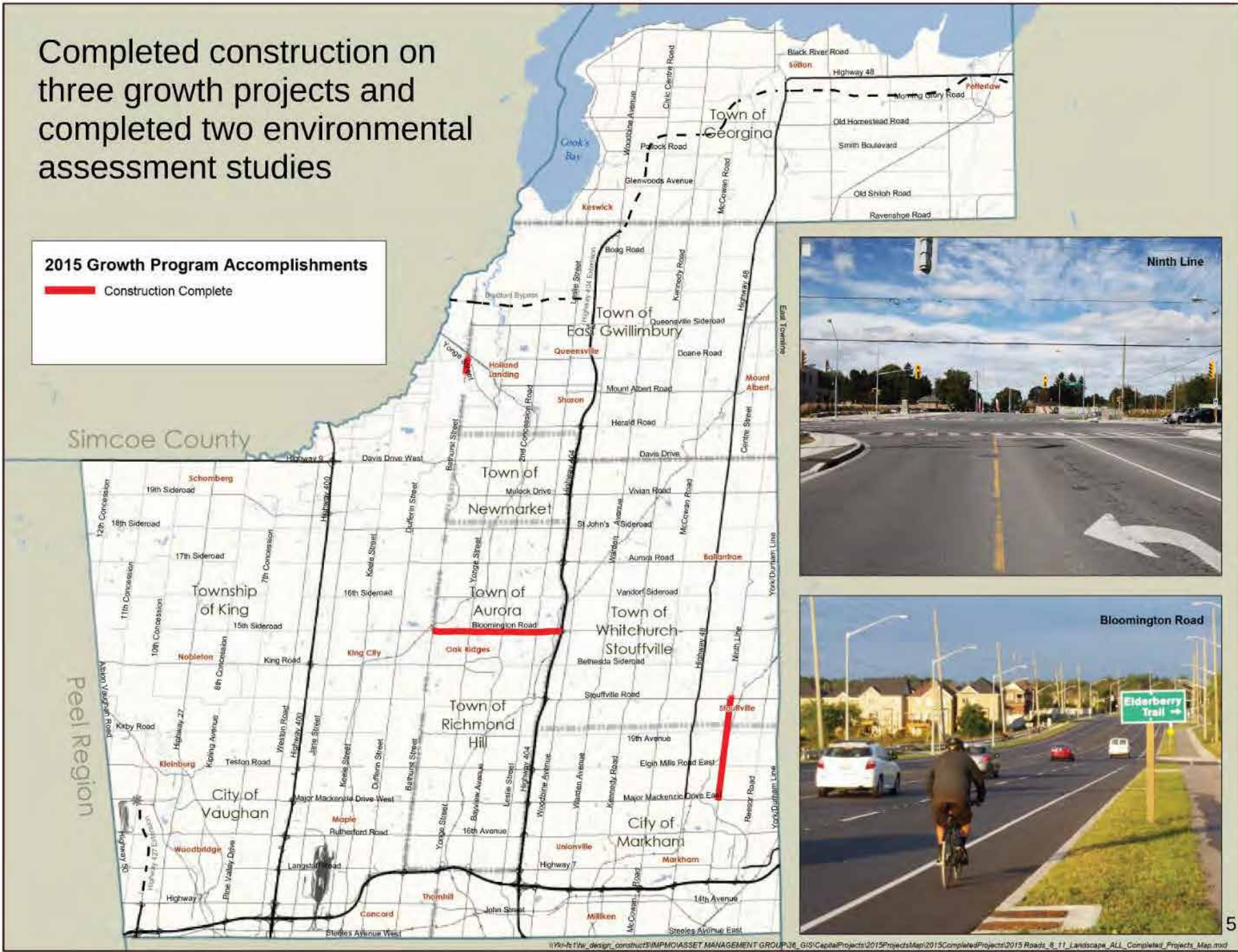




# Completed construction on three growth projects and completed two environmental assessment studies

**2015 Growth Program Accomplishments**

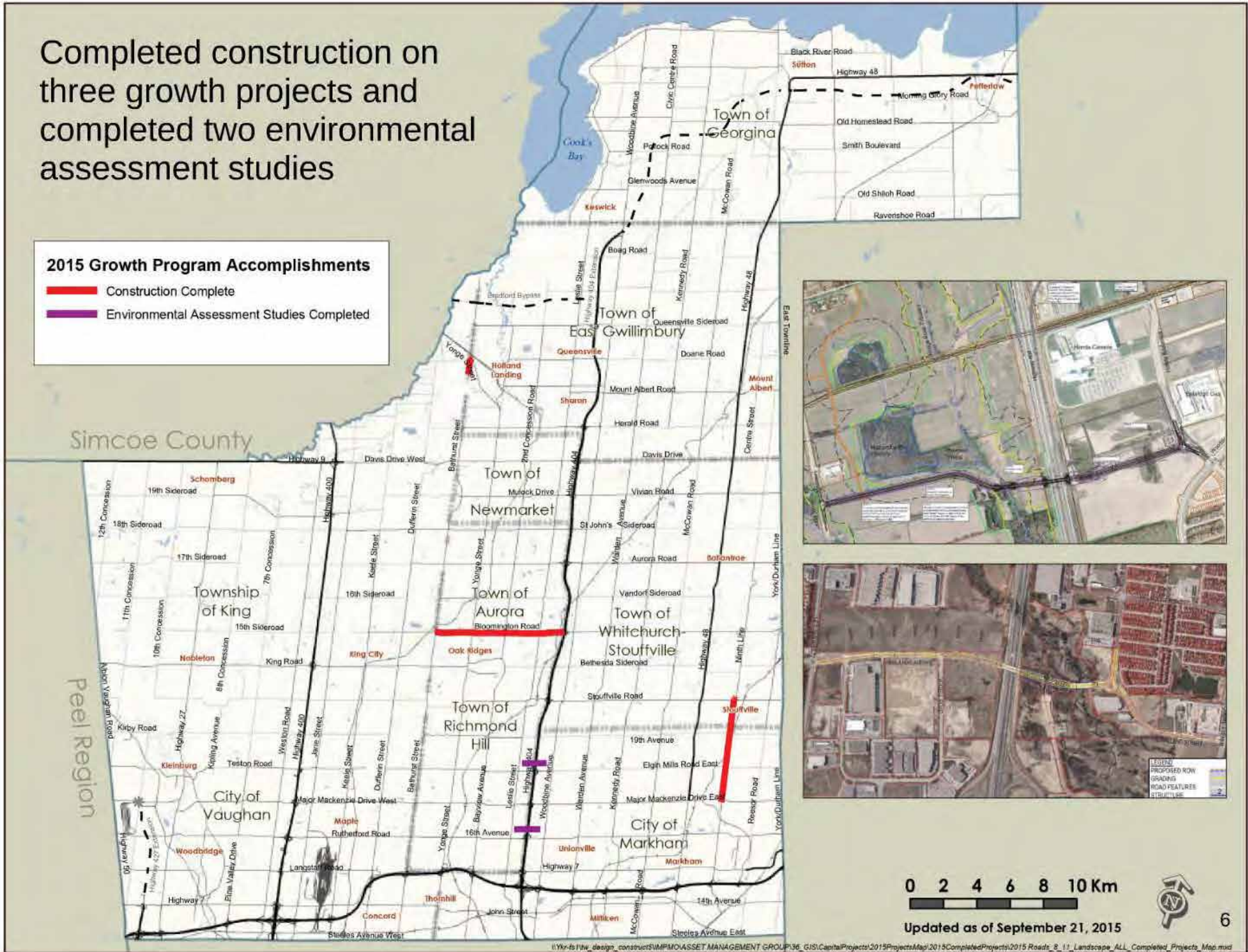
 Construction Complete



# Completed construction on three growth projects and completed two environmental assessment studies

## 2015 Growth Program Accomplishments

- █ Construction Complete
- █ Environmental Assessment Studies Completed



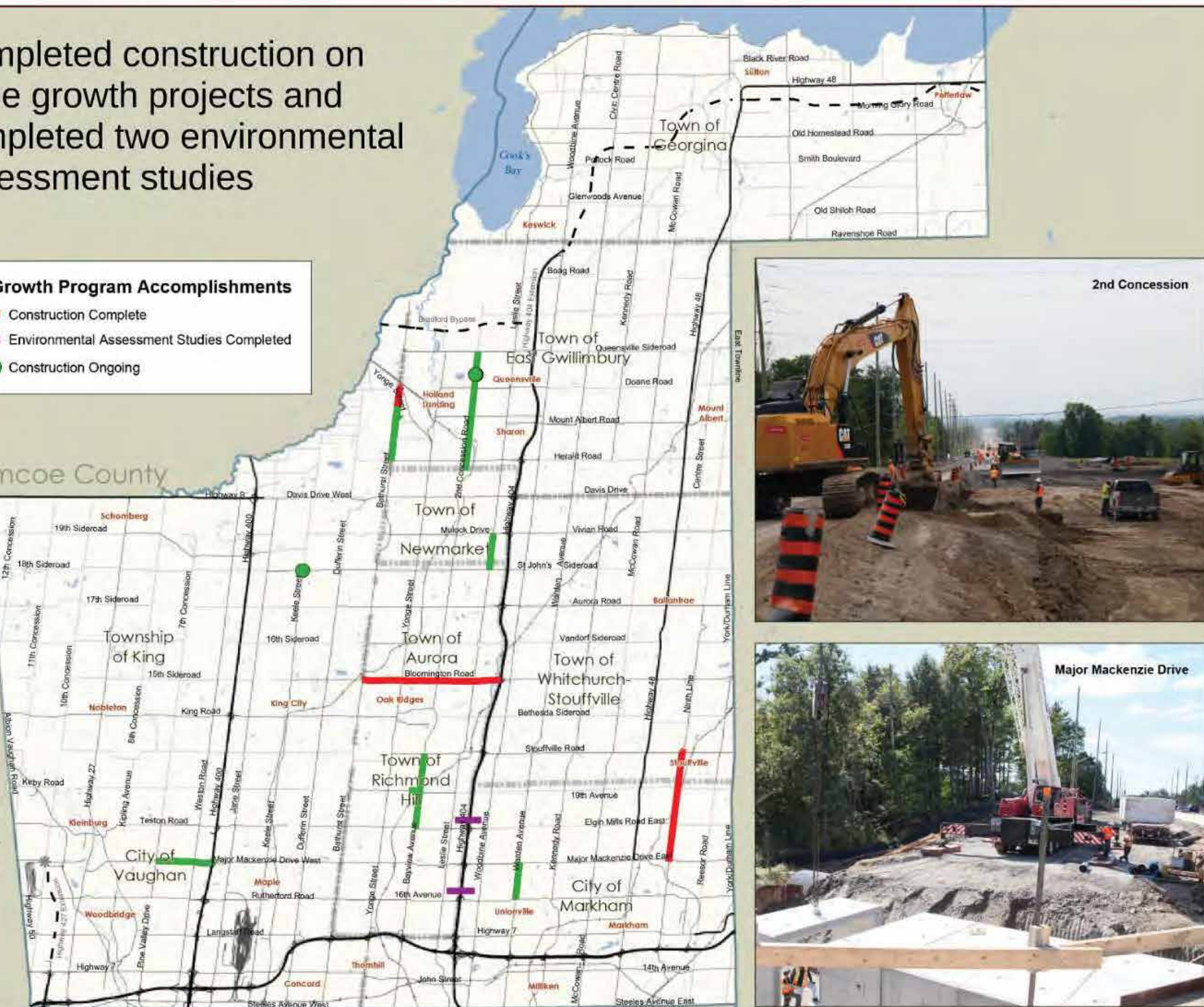
# Completed construction on three growth projects and completed two environmental assessment studies

## 2015 Growth Program Accomplishments

- █ Construction Complete
- █ Environmental Assessment Studies Completed
- █ Construction Ongoing

Simcoe County

Peel Region



2nd Concession



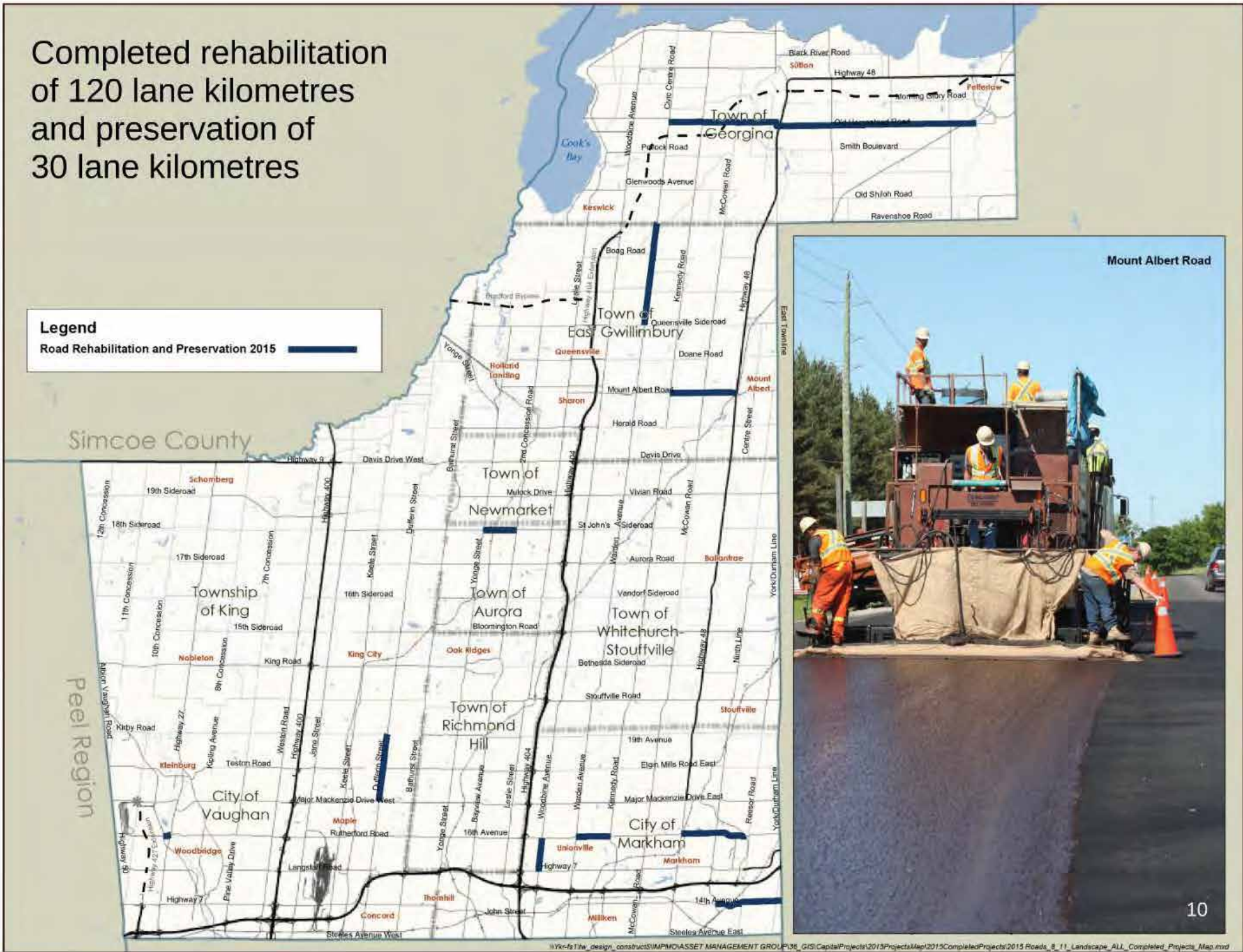
Major Mackenzie Drive

# 2015 Accomplishments

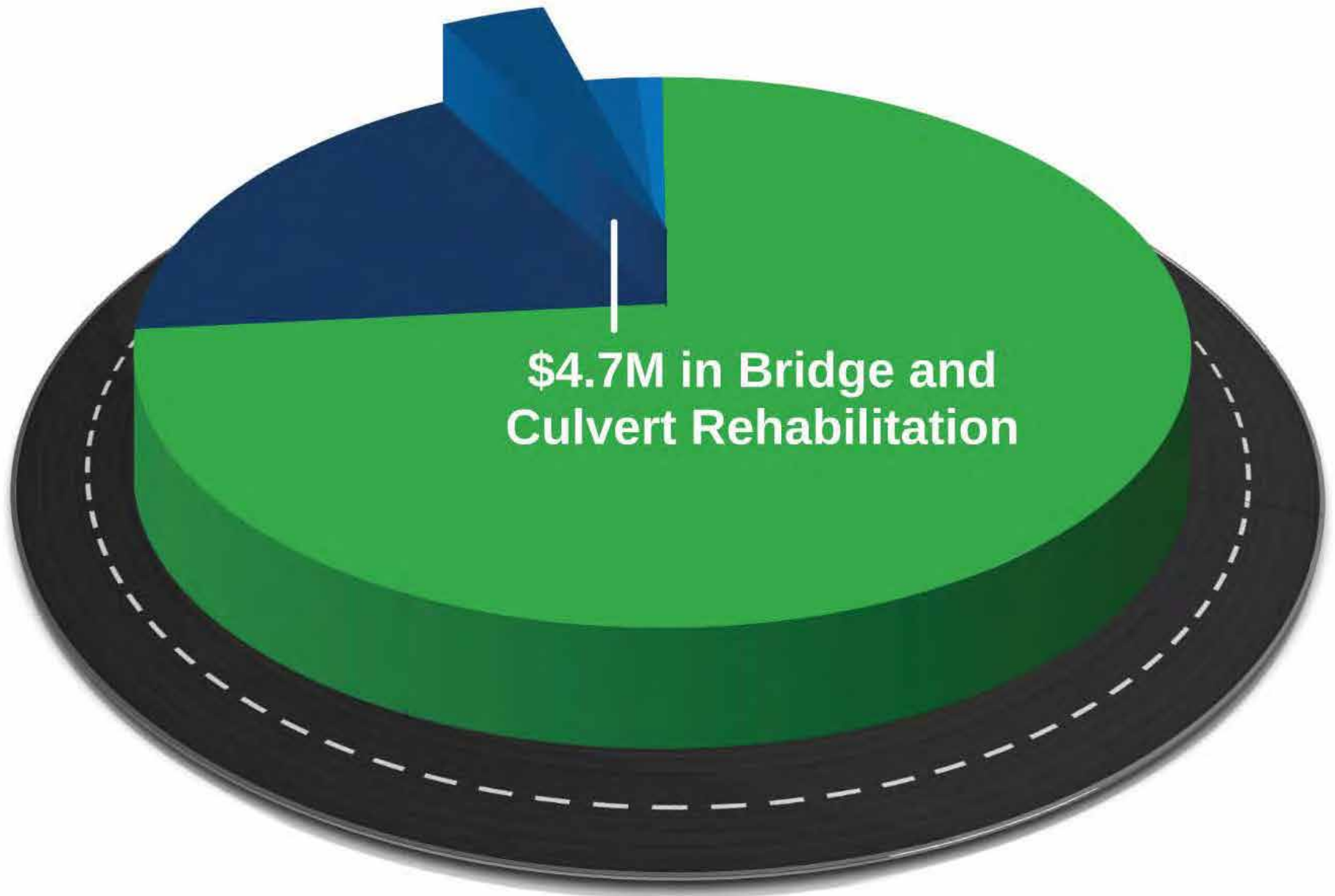


# Completed rehabilitation of 120 lane kilometres and preservation of 30 lane kilometres

**Legend**  
**Road Rehabilitation and Preservation 2015** 

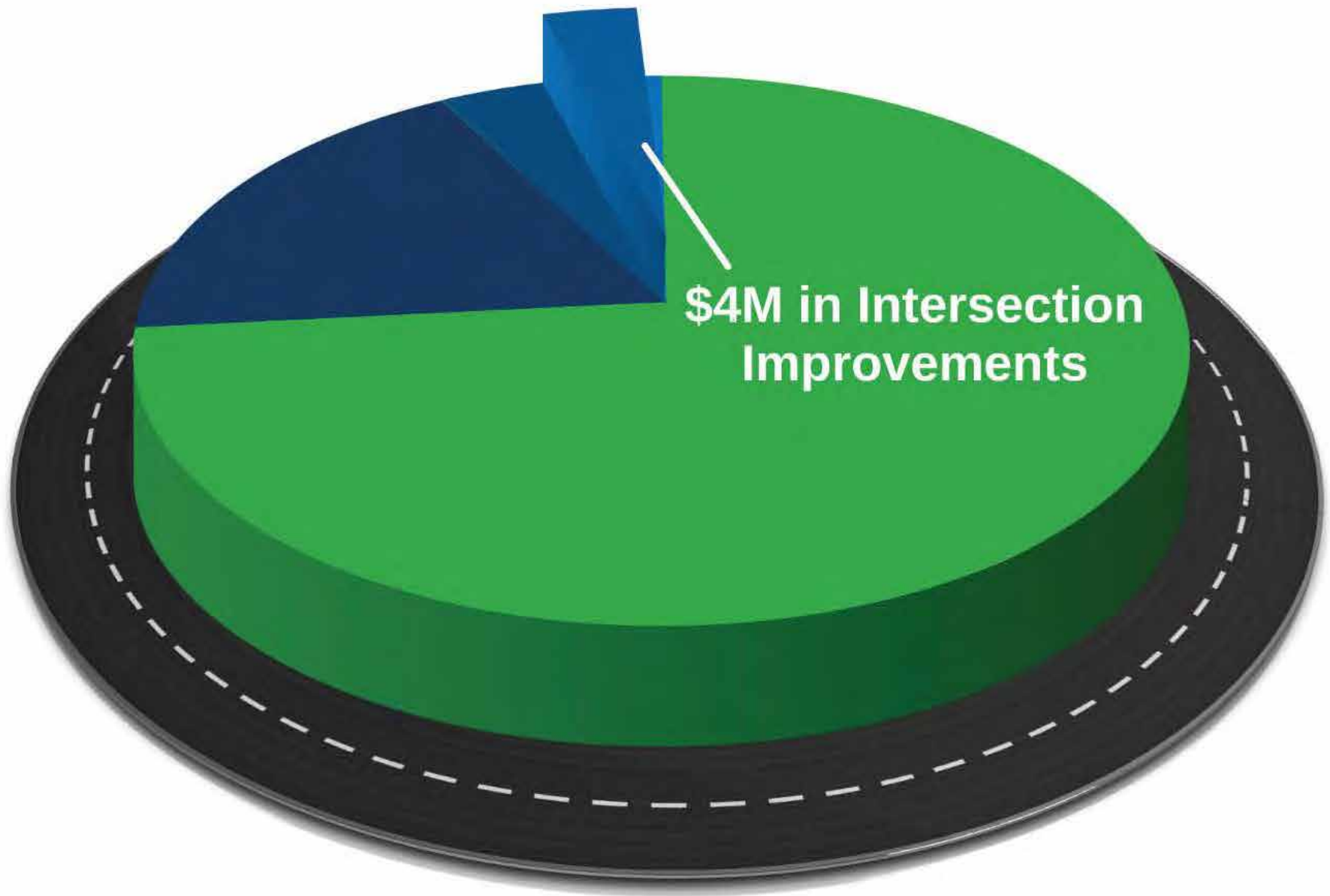


# 2015 Accomplishments





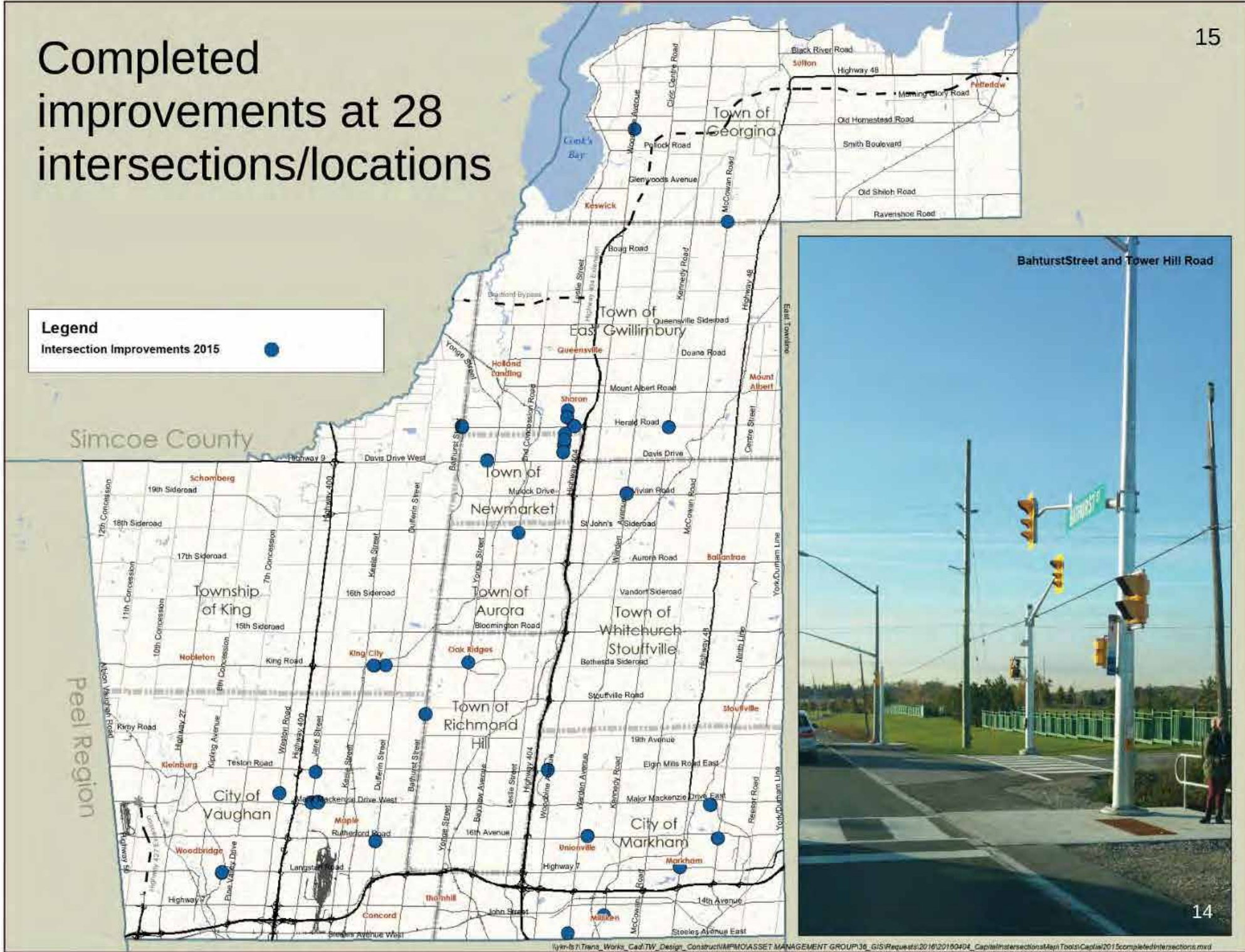
# 2015 Accomplishments





# Completed improvements at 28 intersections/locations

**Legend**  
 Intersection Improvements 2015



I:\en-its\Trans\_Works\_Cad\TV\_Design\_Construction\MPMO\ASSET MANAGEMENT GROUP\36\_GIS\Requests\2016\20190404\_Capital\Intersections\Map\Tools\Captial\2015\Completed\Intersections.mxd

# 2016 Growth Program



# Growth Project Phases and Timeline

Growth projects take 8 to 10 years from start to finish



# Growth Program - Construction

Planning

Environmental  
Assessment

Detailed  
Design

Construction

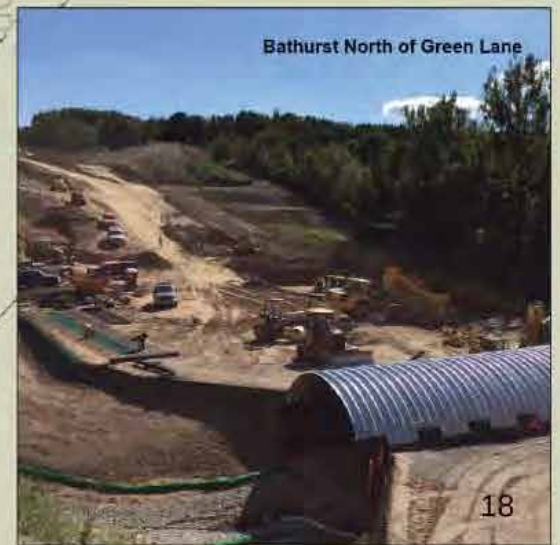


# Work will continue on seven contracts and three new contracts will be tendered

## Legend

### Growth Projects

- Intersection Improvements
- Road Reconstruction/Widening



# 2nd Concession/Main Street North Bristol Road to Queensville Sideroad



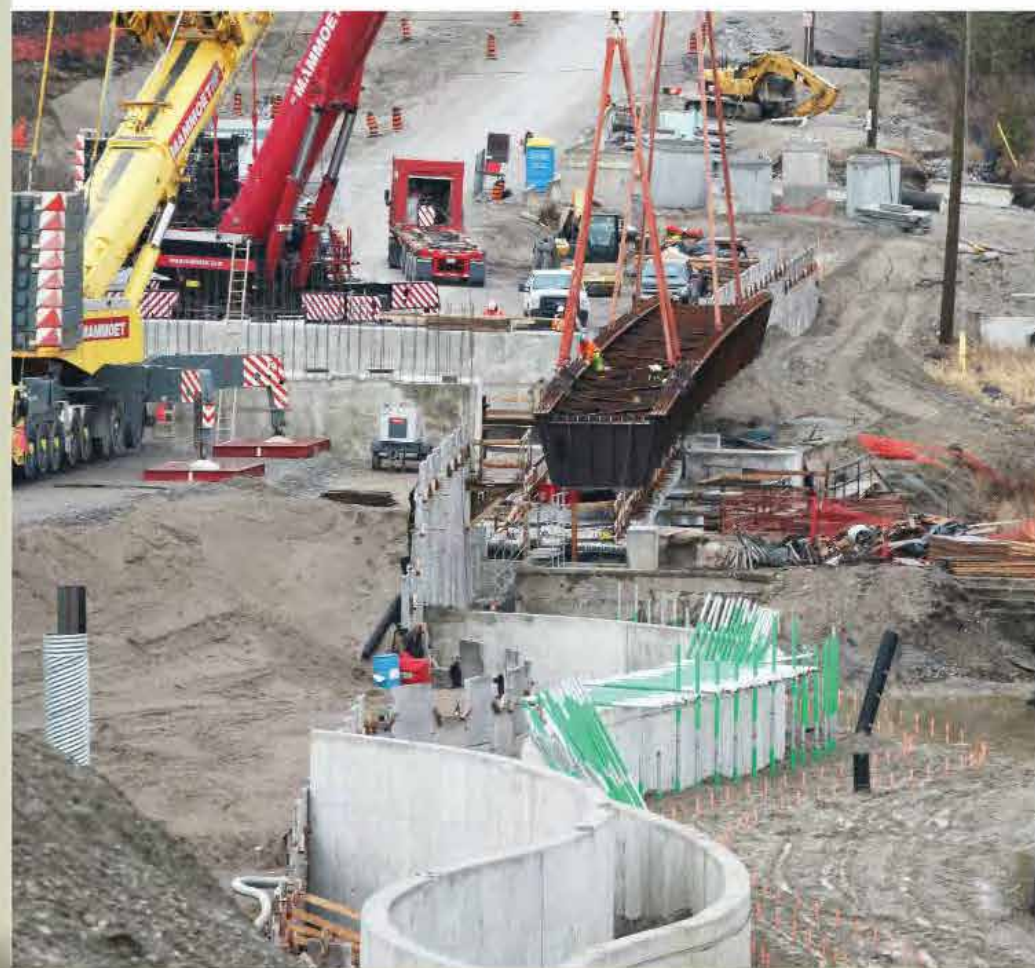
Complete  
2017

\$69  
million

Environmental  
Assessment

Detailed  
Design

Construction



# Leslie Street

## Wellington Street to Mullock Drive



Complete  
2018

\$30  
million

Environmental  
Assessment

Detailed  
Design

Construction



# Roundabout

## Keele Street and Loydtown-Aurora Road





# Major Mackenzie Drive

Pine Valley Drive to Highway 400  
CP Rail Tracks to Highway 27



Complete  
2018

\$86  
million

Environmental  
Assessment

Detailed  
Design

Construction



# Highway 7

## Town Centre Boulevard to Sciberras Road



# Bathurst Street

## Green Lane to 1km north of Morning Sideroad



Town of  
East Gwillimbury

**KING**

Complete  
2017

**\$32.7**  
million

Environmental  
Assessment

Detailed  
Design

Construction

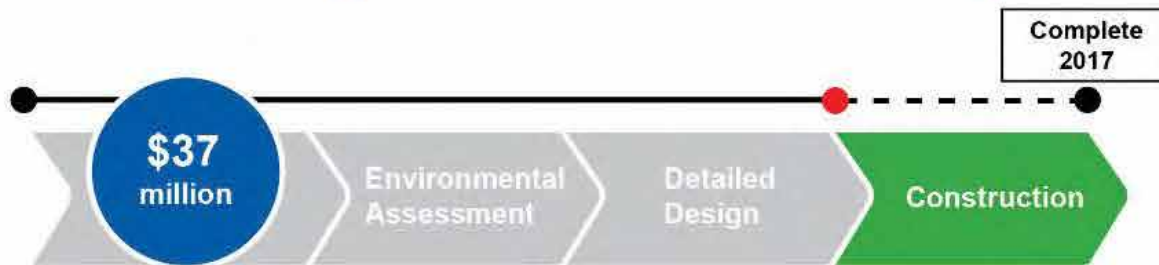


# Bayview Avenue

Elgin Mills Road to Stouffville Road

# 19th Avenue

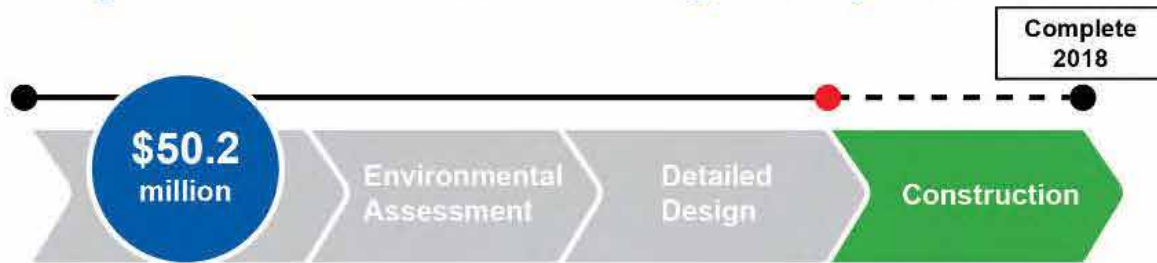
Linda Margaret Crescent to Bayview Avenue





# St. John's Sideroad

## Bayview Avenue to Highway 404



# Growth Program - Detailed Design

Planning

Environmental  
Assessment





Detailed  
Design

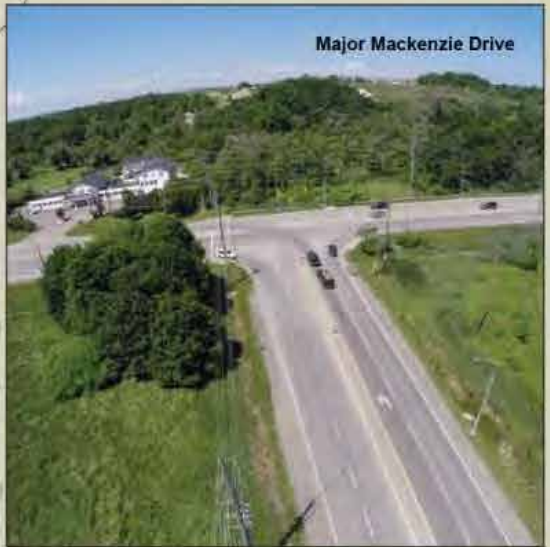
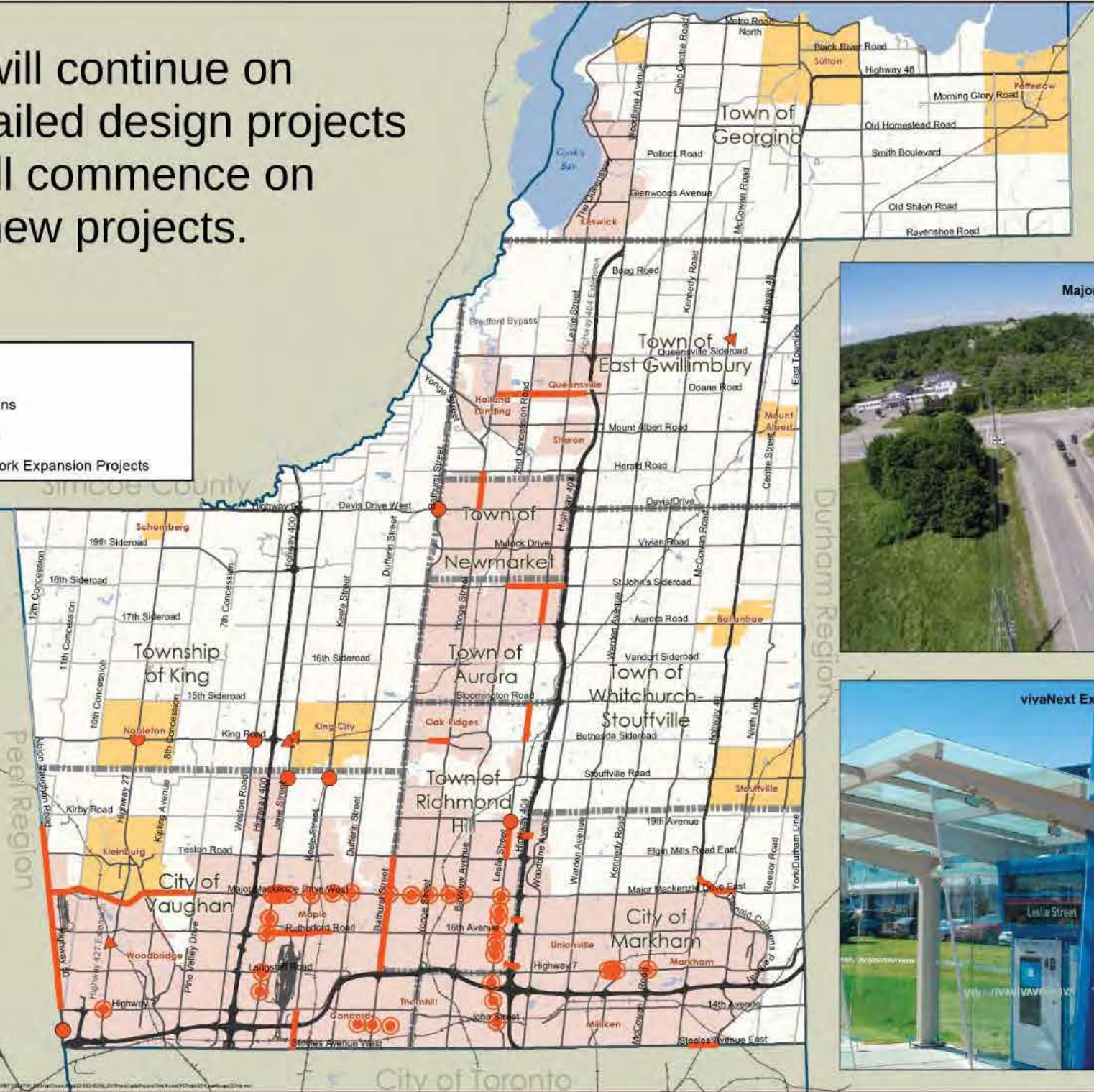
Construction



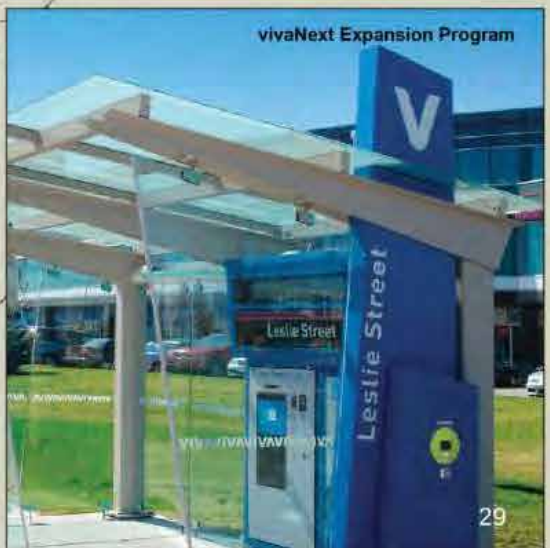
Work will continue on 25 detailed design projects and will commence on three new projects.

**Detailed Design**

-  Roads
-  Intersections
-  Structures
-  Viva Network Expansion Projects



Major Mackenzie Drive



vivaNext Expansion Program



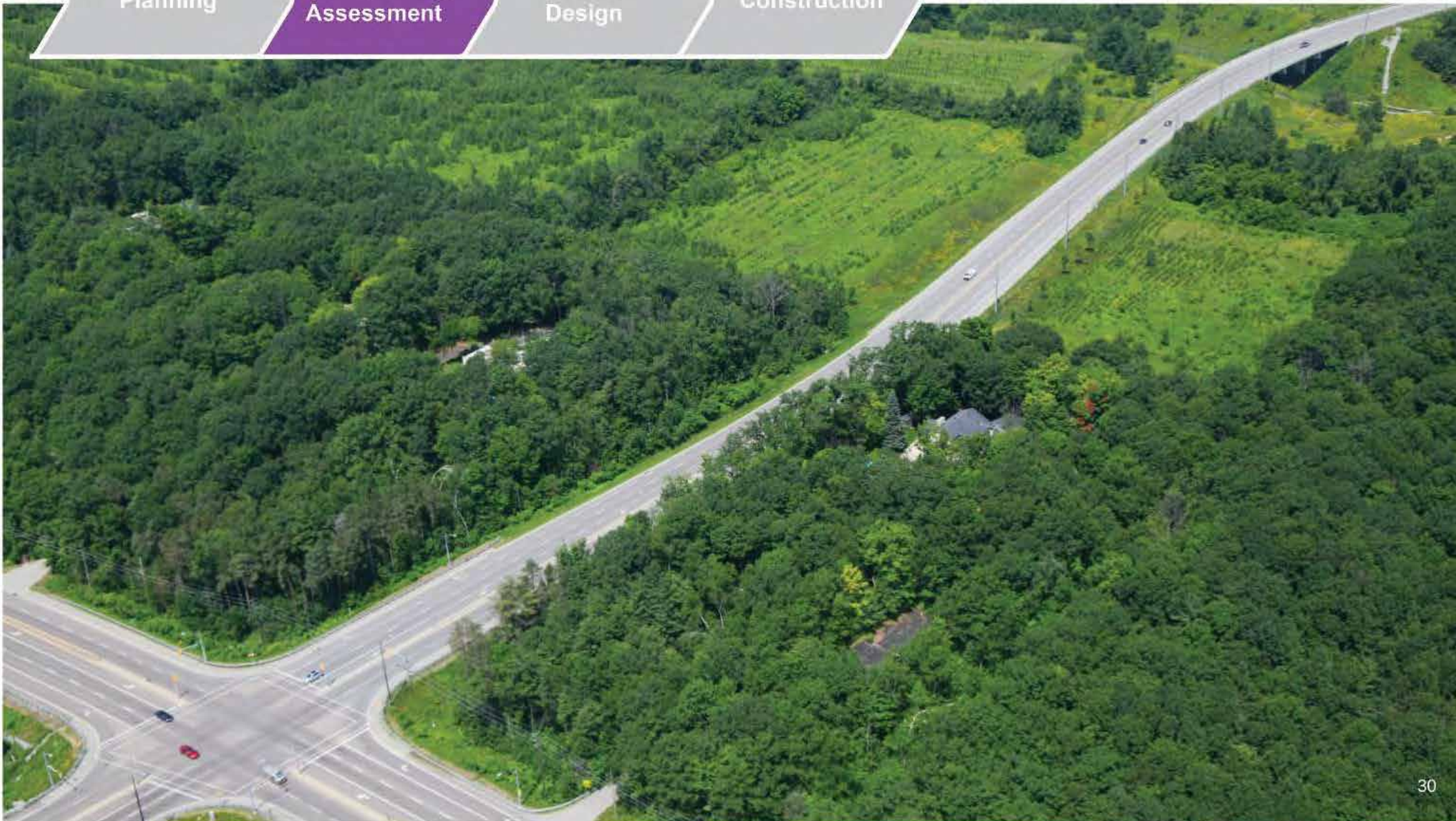
# Growth Program - EAs

Planning

Environmental  
Assessment

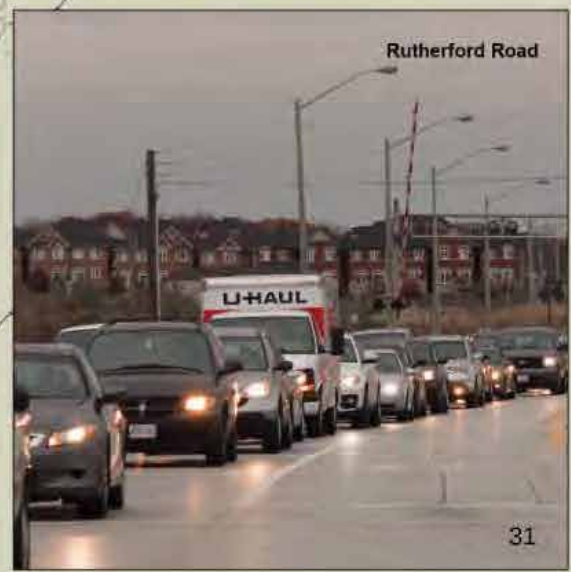
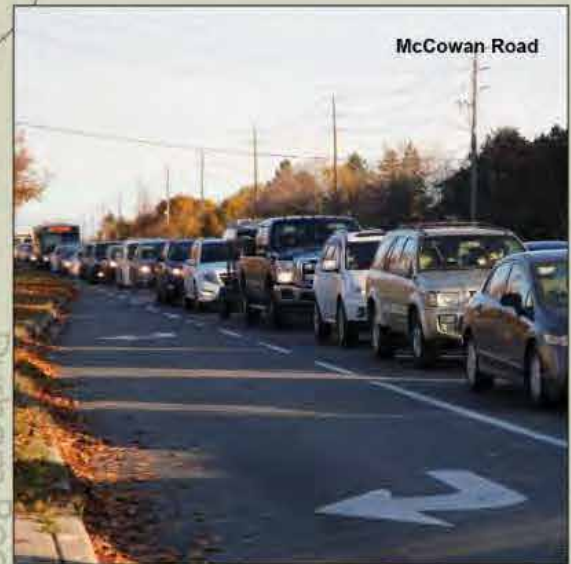
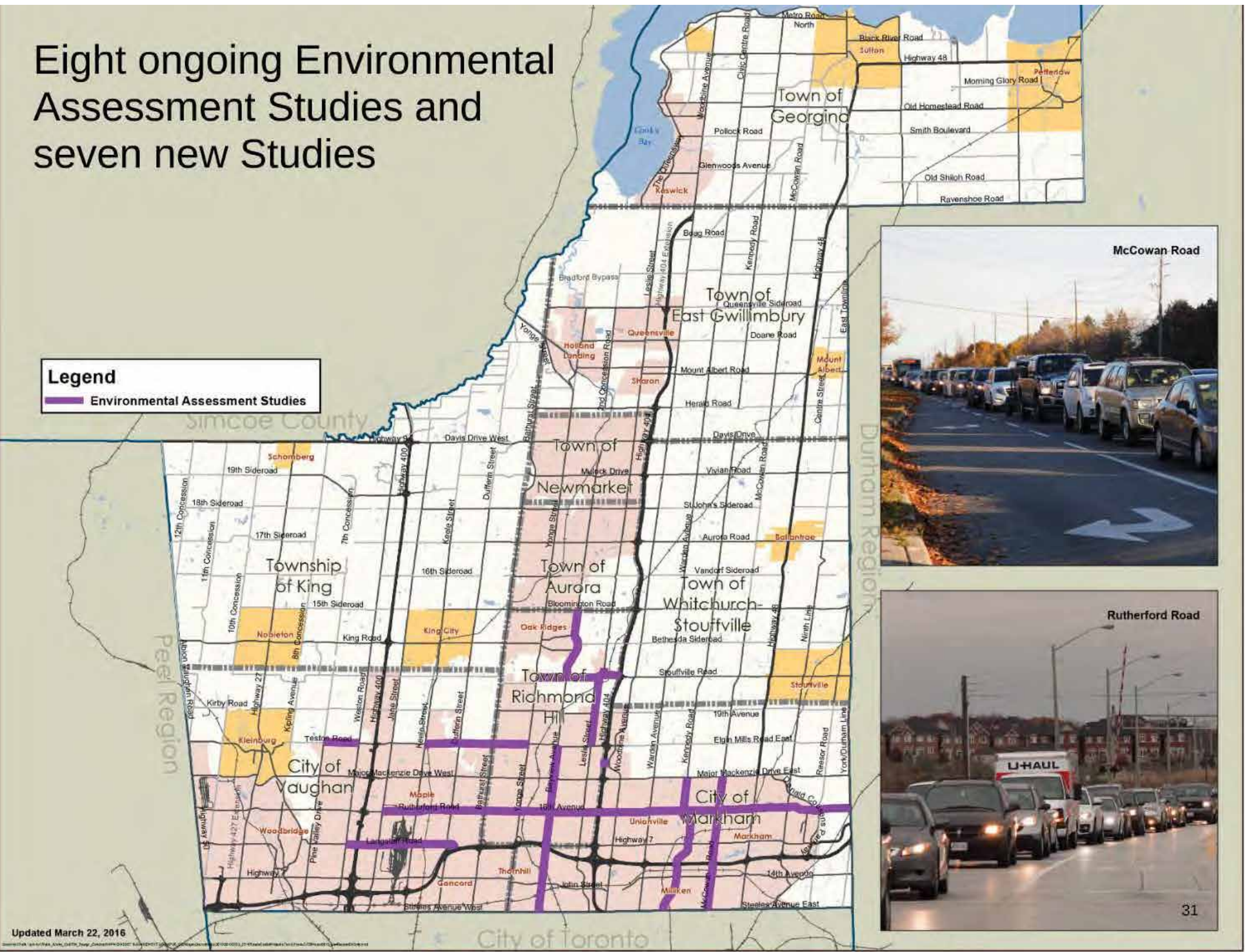
Detailed  
Design

Construction



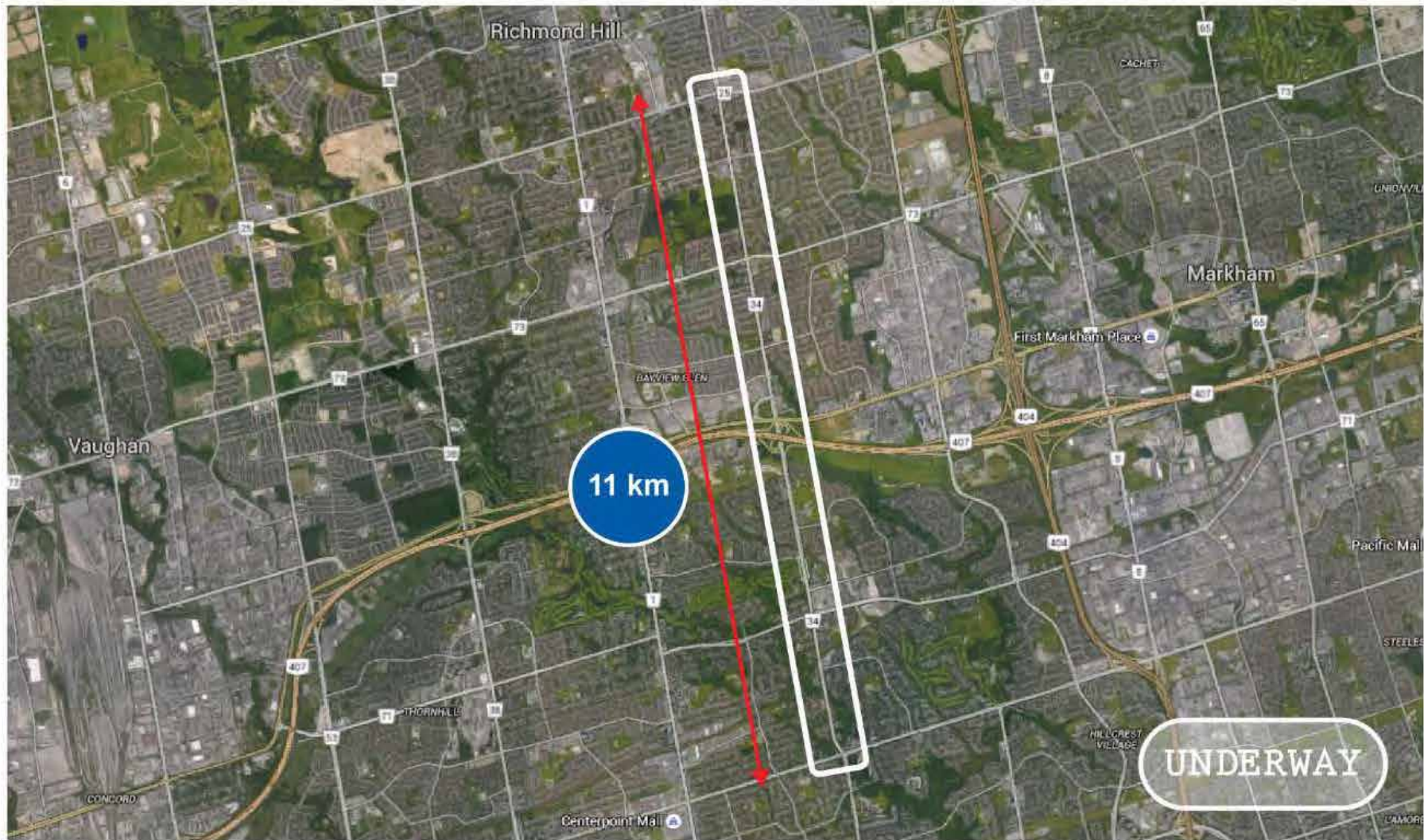
# Eight ongoing Environmental Assessment Studies and seven new Studies

**Legend**  
█ Environmental Assessment Studies

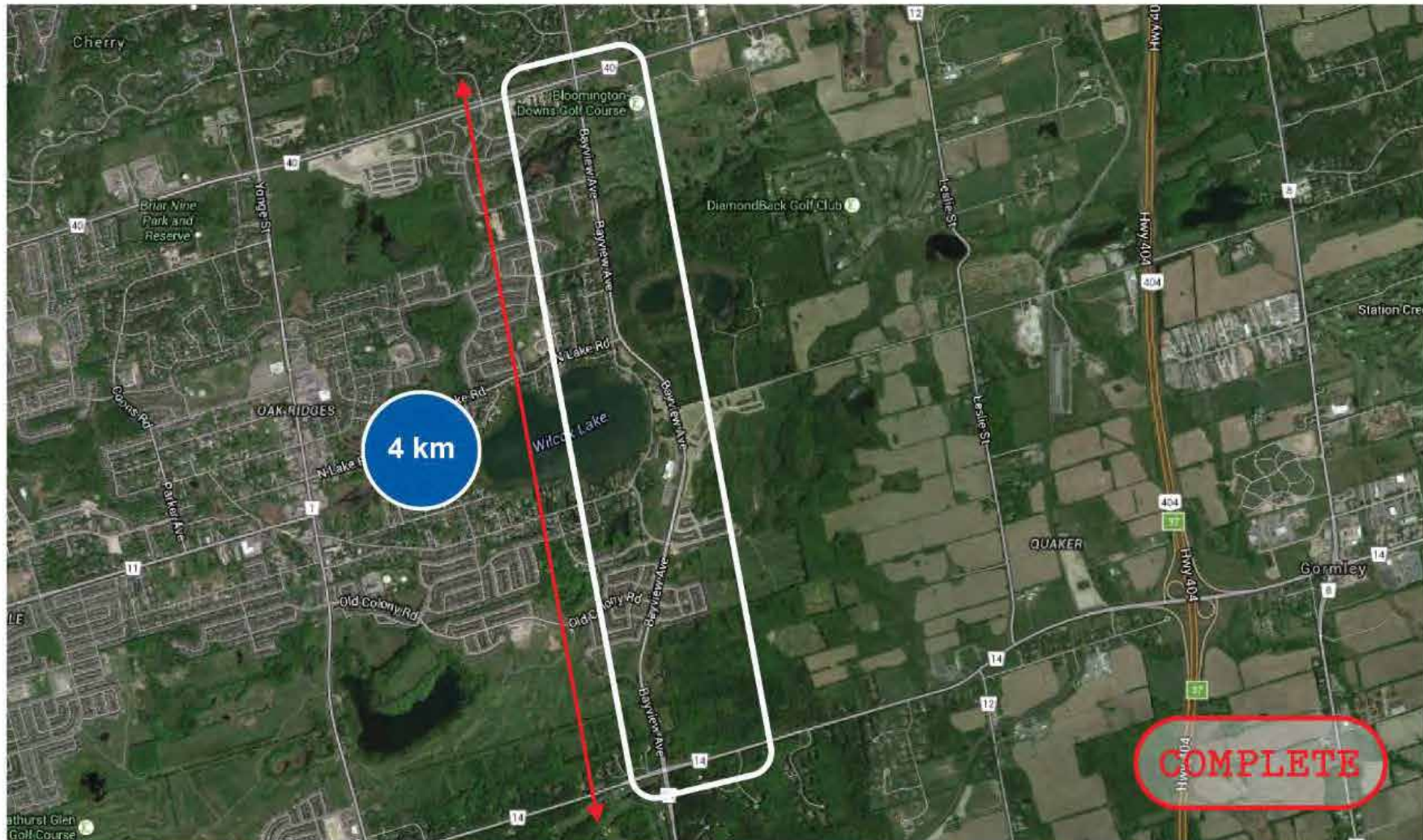
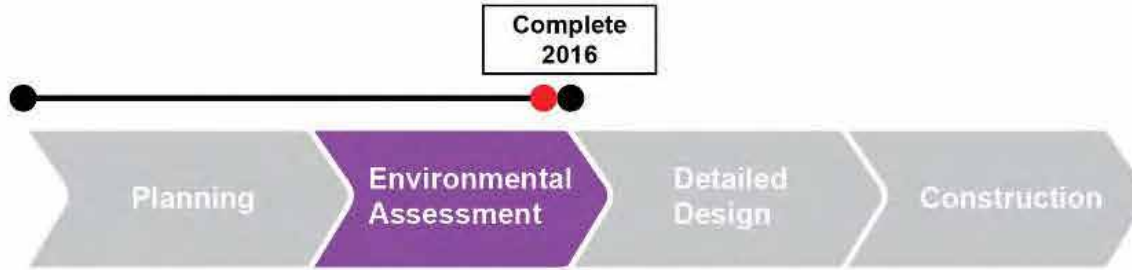


# Bayview Avenue

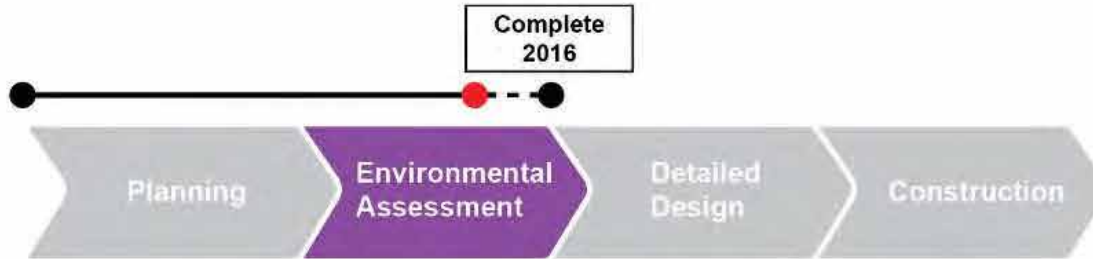
## Steeles Avenue to Elgin Mills Road



# Bayview Avenue Stouffville Road to Bloomington Road



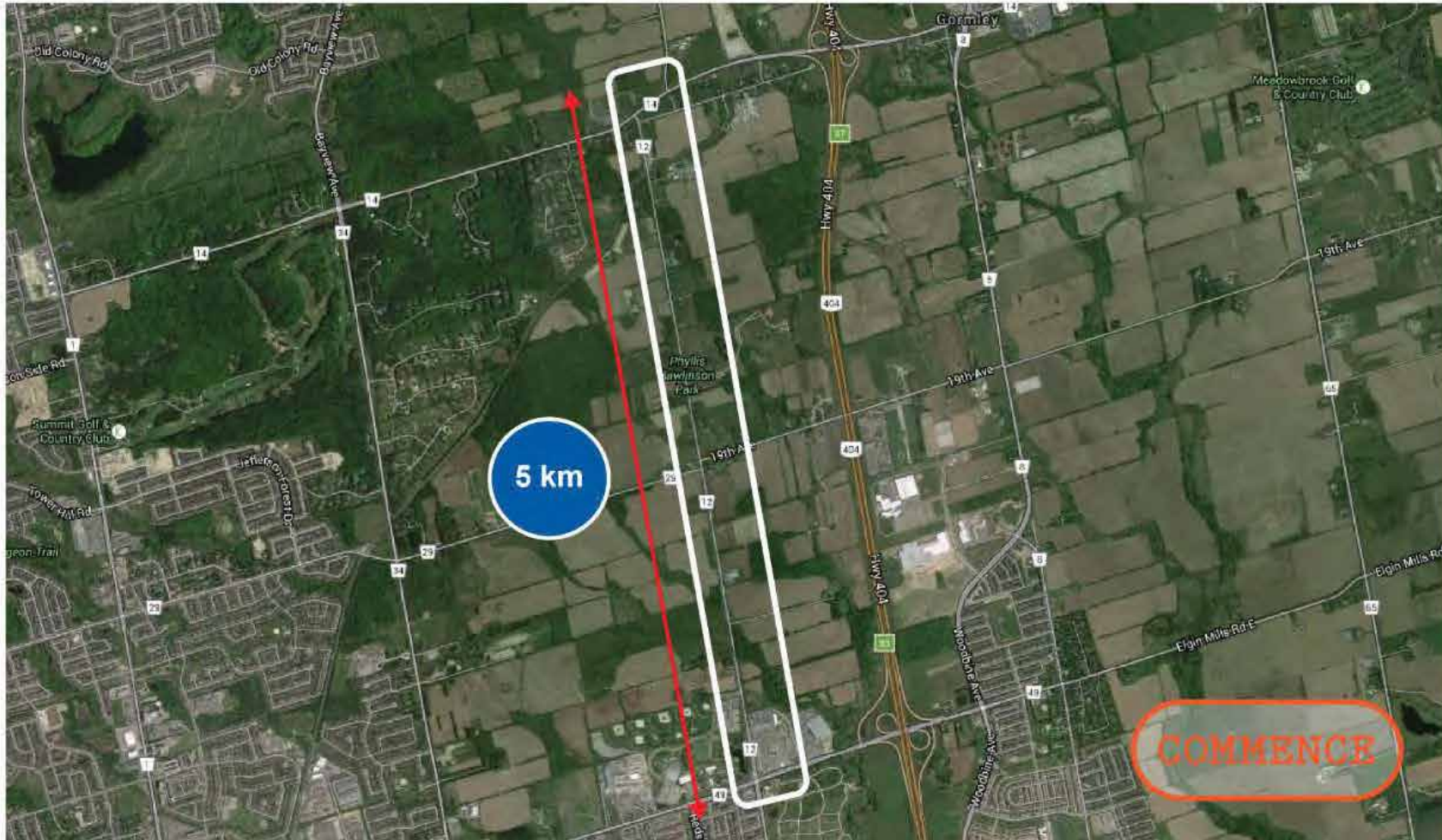
# Elgin Mills Road Bathurst Street to Yonge Street



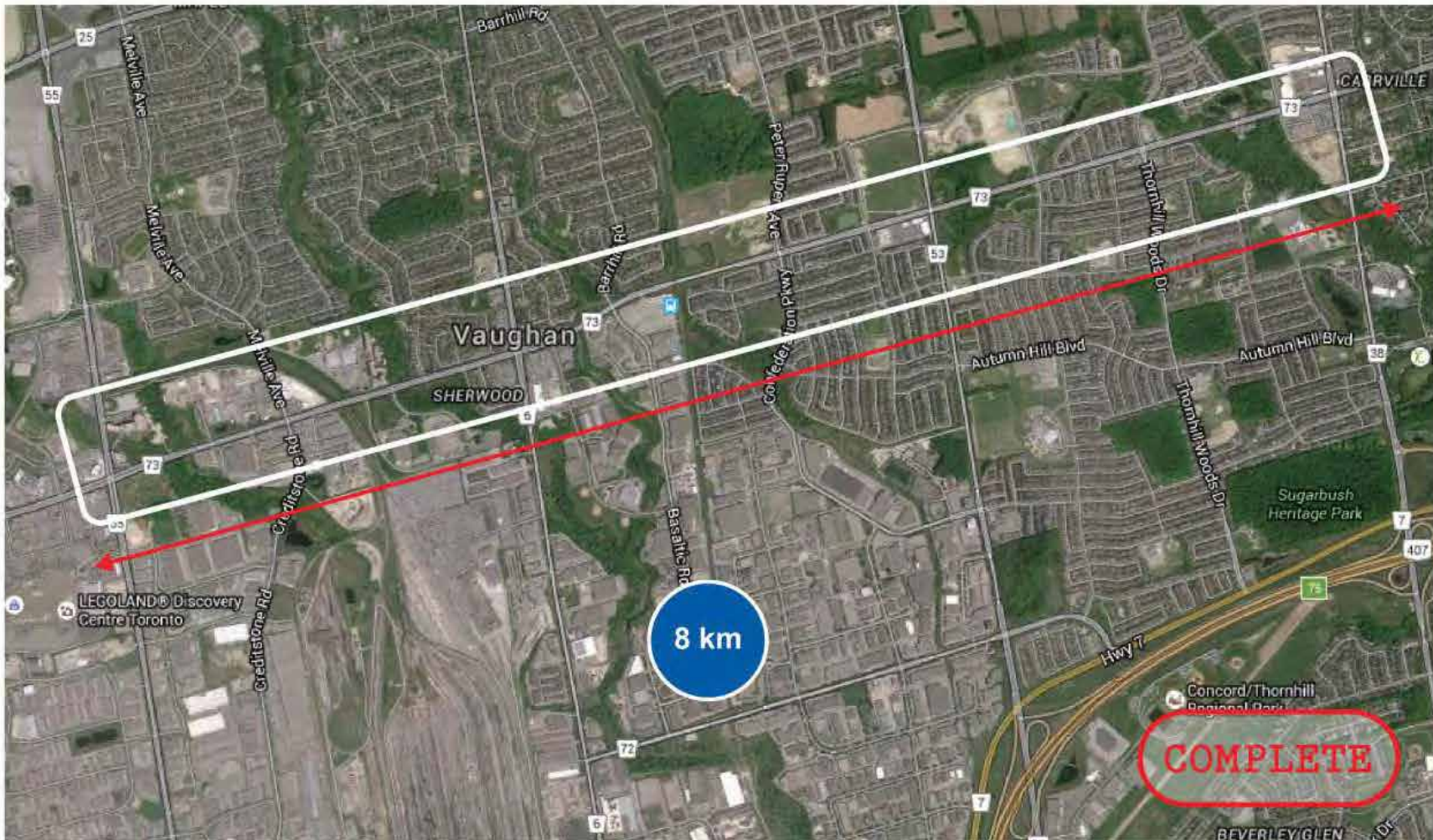
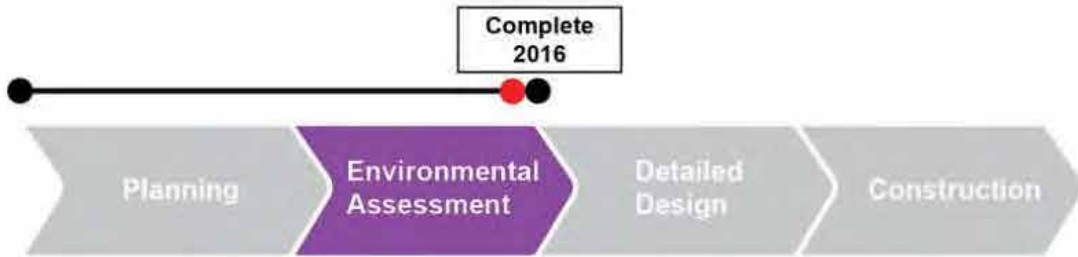
# Leslie Street

## Elgin Mills Road to Stouffville Road

EA Addendum



# Rutherford Road/Carrville Road Jane Street to Yonge Street







# Teston Road

## Pine Valley Drive to Weston Road



# Highway 404 Midblock Crossing North of Major Mackenzie Drive



Complete  
2017

Planning

Environmental  
Assessment

Detailed  
Design

Construction



# Kennedy Road

Steeles Avenue to Major Mackenzie Drive

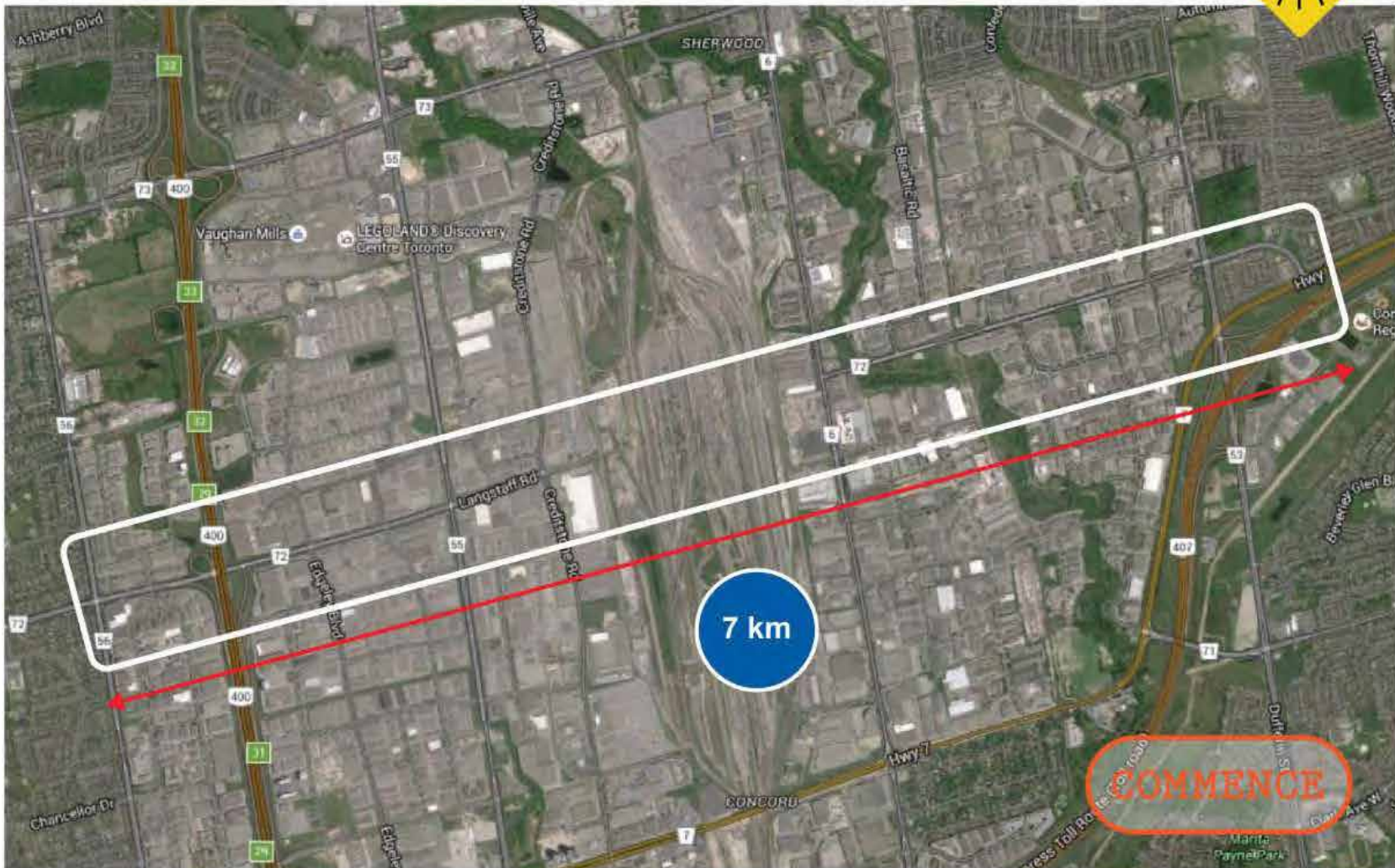
# McCowan Road

Steeles Avenue to Major Mackenzie Drive



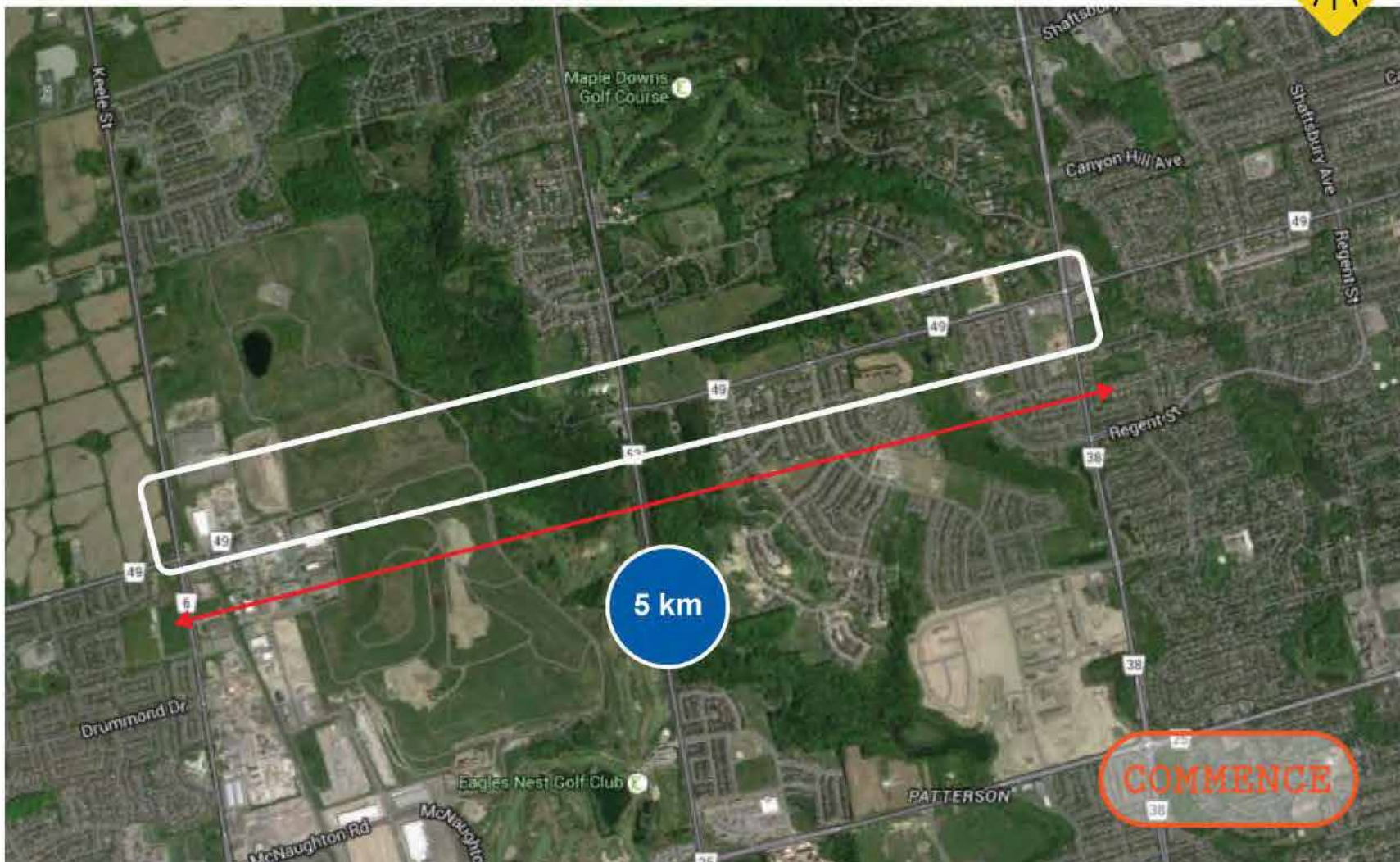
# Langstaff Road

## Weston Road to Highway 7

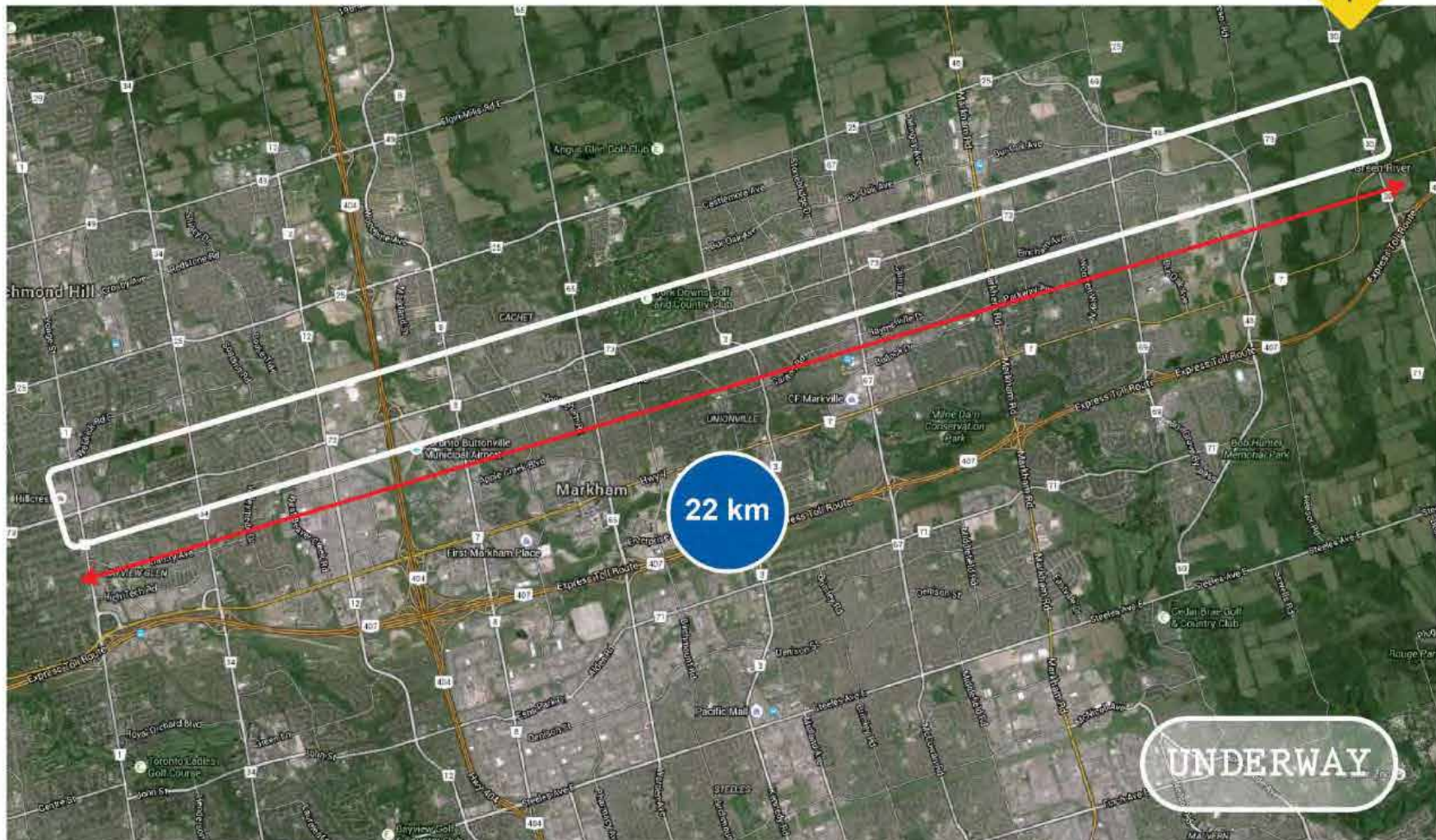


# Teston Road - IEA

## Keele Street to Bathurst Street



# 16th Avenue Yonge Street to York/Durham Line



# EA Engagement



## GREAT STREETS

Building Roads that Build Community

Fall 2015

The Regional Municipality of York is conducting a Municipal Class Environmental Assessment (EA) Study to review the current and future transportation needs of Stouffville Road between Yonge Street and Highway 404 in the Town of Richmond Hill, including the potential elimination of the jog at Yonge Street. This newsletter provides an update on the Environmental Assessment Study.

### Where are we in the Stouffville Road EA study?

The Stouffville Road EA began in November 2014 and the first open house was held in March 2015. Open houses are scheduled at key points throughout the EA and provide stakeholders the chance to review information and give feedback; information from the March open house is available at [york.ca/ea](http://york.ca/ea).

Currently in phase two of the EA, the project team is conducting environmental and technical field studies. The results of these studies, stakeholder's feedback and the preferred solutions will be presented at the next open house on Tuesday, September 29, 2015.

### Frequently Asked Questions

#### Why do we need to look at improving Stouffville Road?

York Region is expected to grow to 1.8 million people and 900,000 jobs by 2041. The new West Gormley community development and Gormley GO Transit station will generate additional traffic on Stouffville Road. The EA is reviewing possible improvements to the road to carry additional traffic and enhance the road infrastructure.

#### Can improving other roads remove the congestion on Stouffville Road?

The new Gormley GO Transit station and West Gormley community development will generate more vehicle traffic on Stouffville Road. Improving other Regional roads will not ease congestion on Stouffville Road.

#### Why is the Leslie Street jog elimination not included as part of the study?

York Region received environmental approval to eliminate the jog at Leslie Street, in a separate EA Study.

#### Why is the EA looking at possibly eliminating the jog at Yonge Street?

York Region is looking to protect the land for a possible jog elimination at Yonge Street. Eliminating the jog will improve the overall connectivity of the road network.

### Tell us how you would change Stouffville Road

Your feedback is very important to us. Complete the Stouffville Road survey on Stouffville Road. You could win a bicycle gift certificate, cycling accessories or a gift card. Visit [york.ca/ea](http://york.ca/ea) to enter.

We are here to answer your questions, concerns and comments. An accessible format of this newsletter is available upon request. Please contact us for more information.

## Stouffville Road

Environmental Assessment Study



### Are you considering the needs of cyclists and pedestrians in this study?

Yes, we are reviewing road that will be used by cyclists and motorists.

### How do you plan to improve the road ecologically?

York Region is not associated with the Moraine. We are a Natural Resources Region Conserva

### How will land use be affected by the study?

Any impacts to drainage and access. A Noise Impact Assessment will assess any potential impacts. York property owners

### When would road work be recommended?

After the EA study is recommended, if through York Reg

Jackson Marin, Project Manager, Phone: 1-877-463-4634, Email: [roads.ea@york.ca](mailto:roads.ea@york.ca)



## NOTICE OF OPEN HOUSE

The Regional Municipality of York  
Class Environmental Assessment Study  
Elgin Mills Road  
between Bathurst Street and Yonge Street  
Town of Richmond Hill

The Regional Municipality of York is conducting an Environmental Assessment Study reviewing the current and future transportation needs for Elgin Mills Road between Bathurst Street and Yonge Street in the Town of Richmond Hill.



York Region is holding a second open house and will share the study findings and possible design options. You are invited to attend and comment on information displayed. The project team will be available to answer any questions. The open house will be held on:

Date: Thursday, November 5, 2015

## Boosted Post

York Region (The Regional Municipality of York)  
Published by Cathy Downard-Panzer 1h · 3 mins · Edited 1h · 18

We are reviewing the current and future transportation needs of Teston Road between Pine Valley Drive and Weston Road, including possibly eliminating the jog at Pine Valley Drive, in the City of Vaughan. You are invited to review and comment on the design options and preferred alignment.

The open house will be held on:

Date: Thursday, September 17, 2015

Time: Visit anytime between 6 p.m. to 9 p.m.

Location: Vellere Hall (main level)

9641 Weston Road

Woodbridge, ON

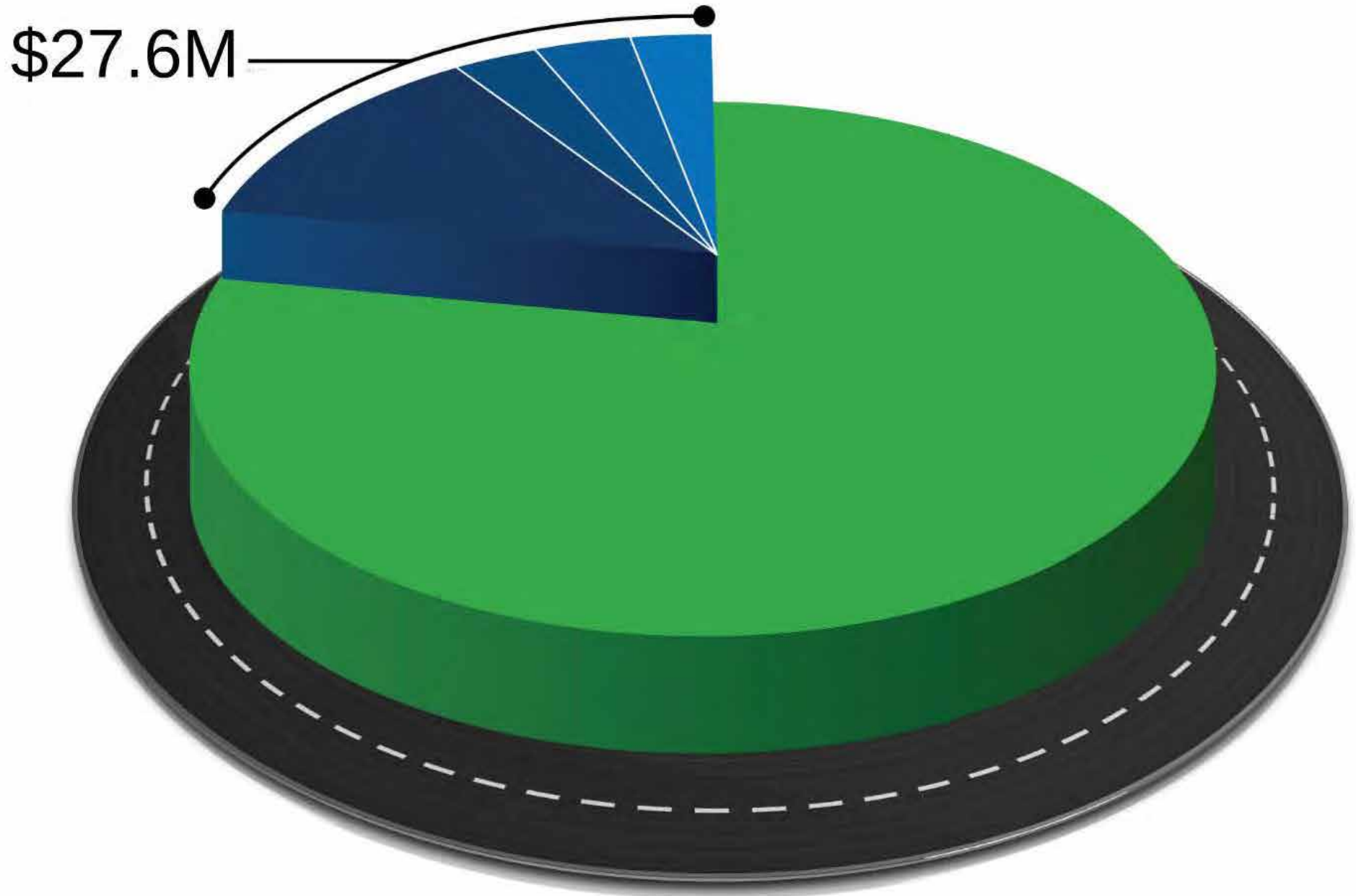
L4H 3A5

More information on the Teston Road Environmental Assessment Study is available here: <http://ow.ly/RKych>



Like Comment Share

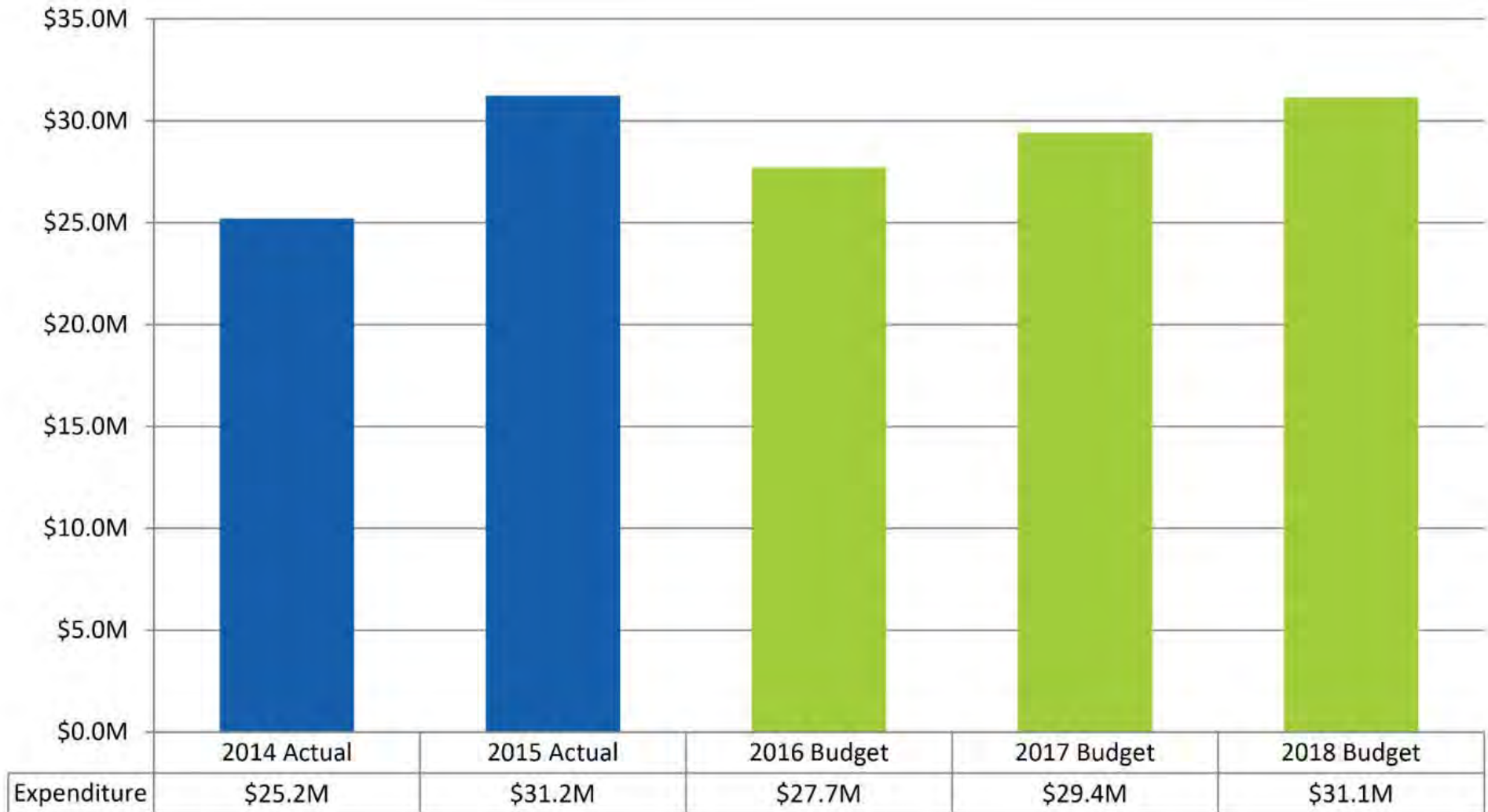
# 2016 State of Good Repair Program





# Funding on State of Good Repair is increasing

## Roads Rehabilitation Capital Spending 2014 to 2018



# 2016 State of Good Repair Program

Road Rehabilitation and Preservation



\$18.5M

Bridge and Culvert Rehabilitation

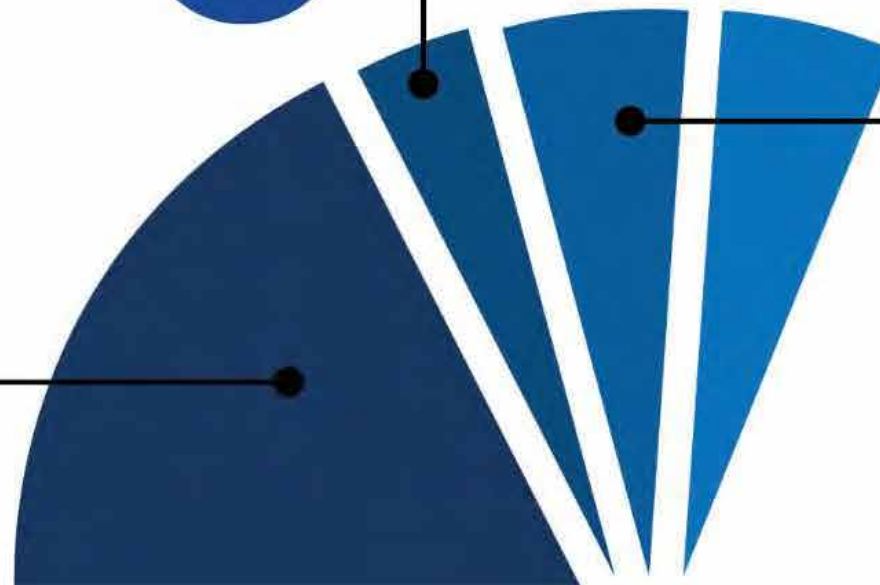


\$3.7M

Intersection Improvements



\$5.4M

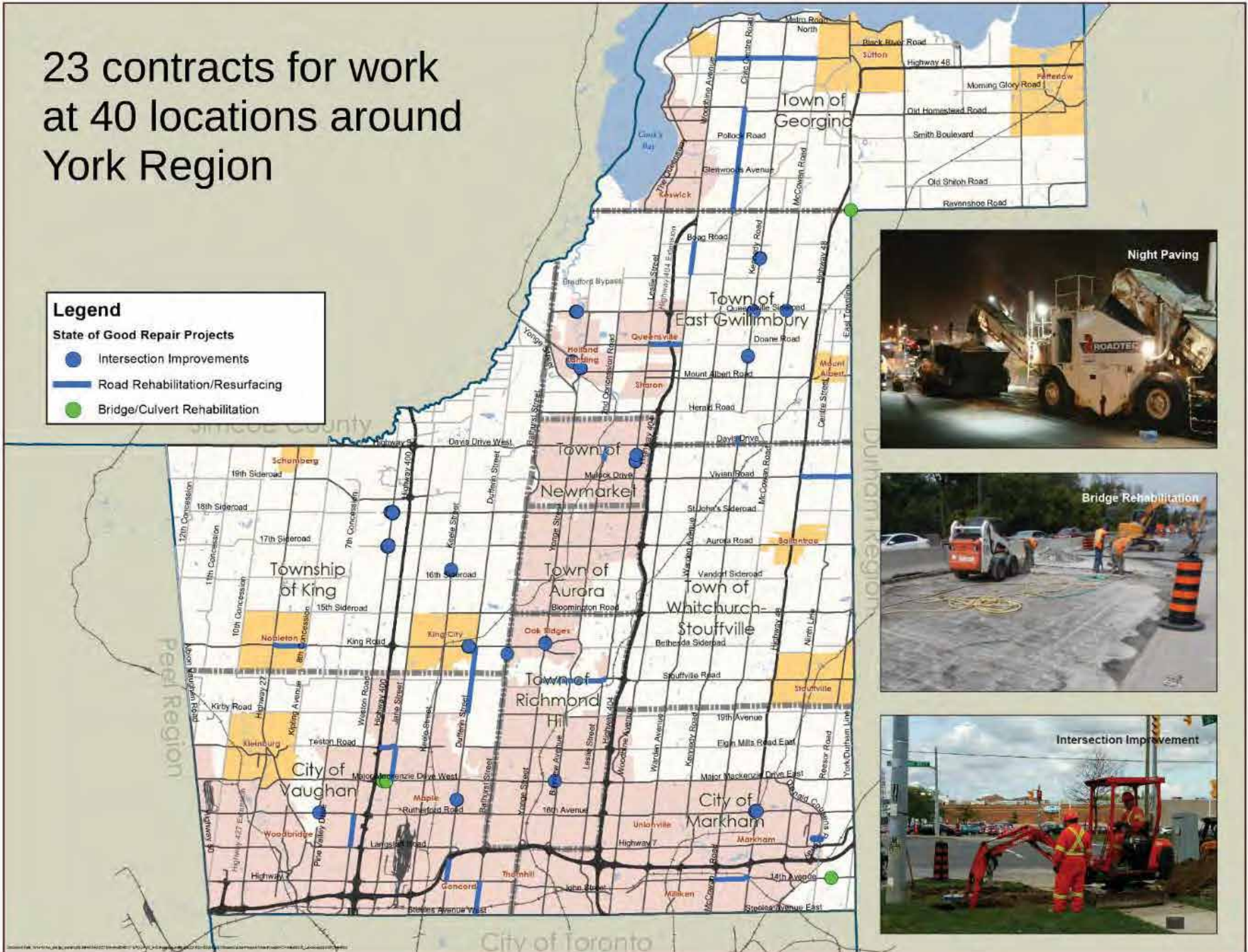


# 23 contracts for work at 40 locations around York Region

**Legend**

**State of Good Repair Projects**

- Intersection Improvements
- Road Rehabilitation/Resurfacing
- Bridge/Culvert Rehabilitation





\$18.5M

# Road Rehabilitation/Preservation

85 lane kilometres to be rehabilitated/resurfaced  
70 lane kilometres of road preservation



\$3.7M

# Bridge Rehabilitation

4 structures to be rehabilitated

# Intersection Improvements

Improvements to 18 intersections

\$5.4M



# Facilities



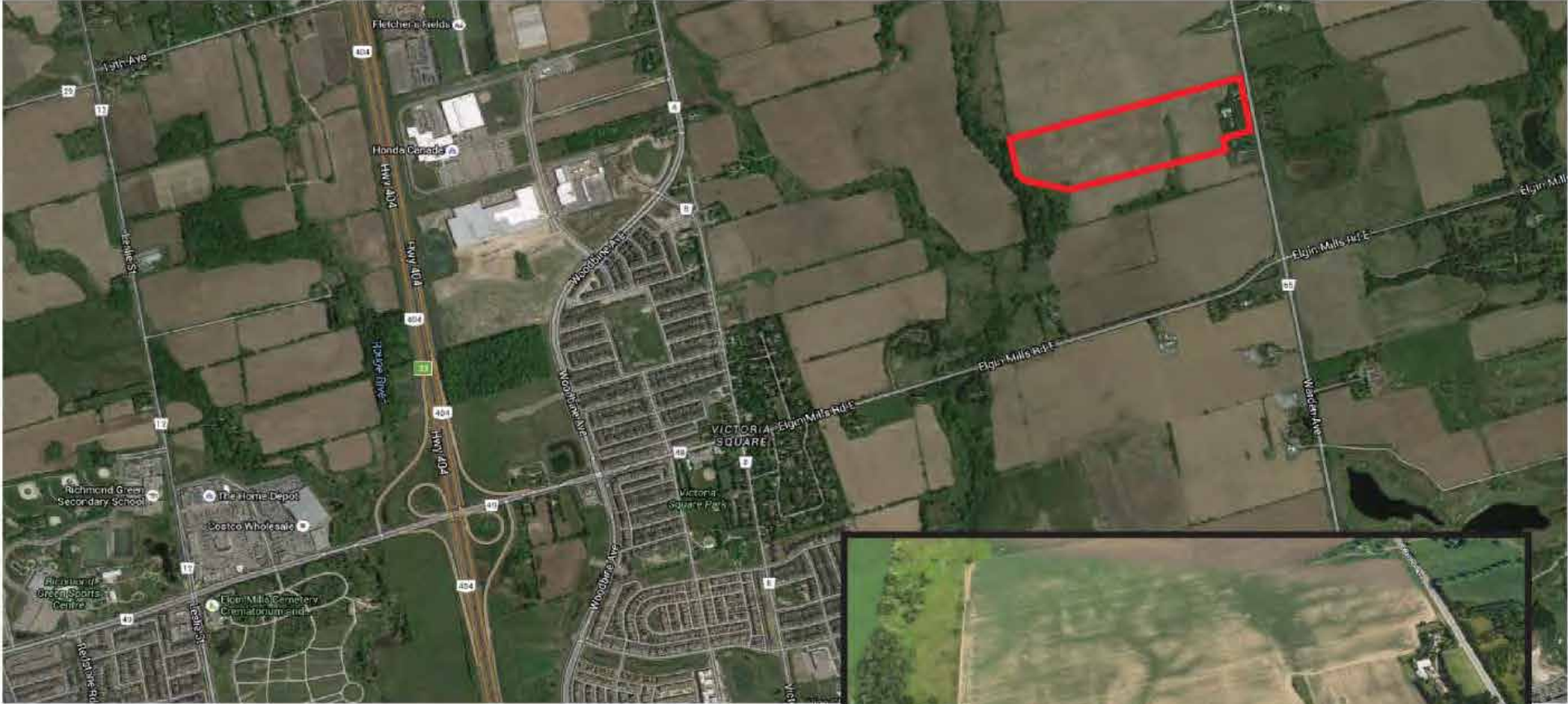
# 350 Yorktech Drive

## Combined Roads Maintenance and Household Hazardous Waste Facility

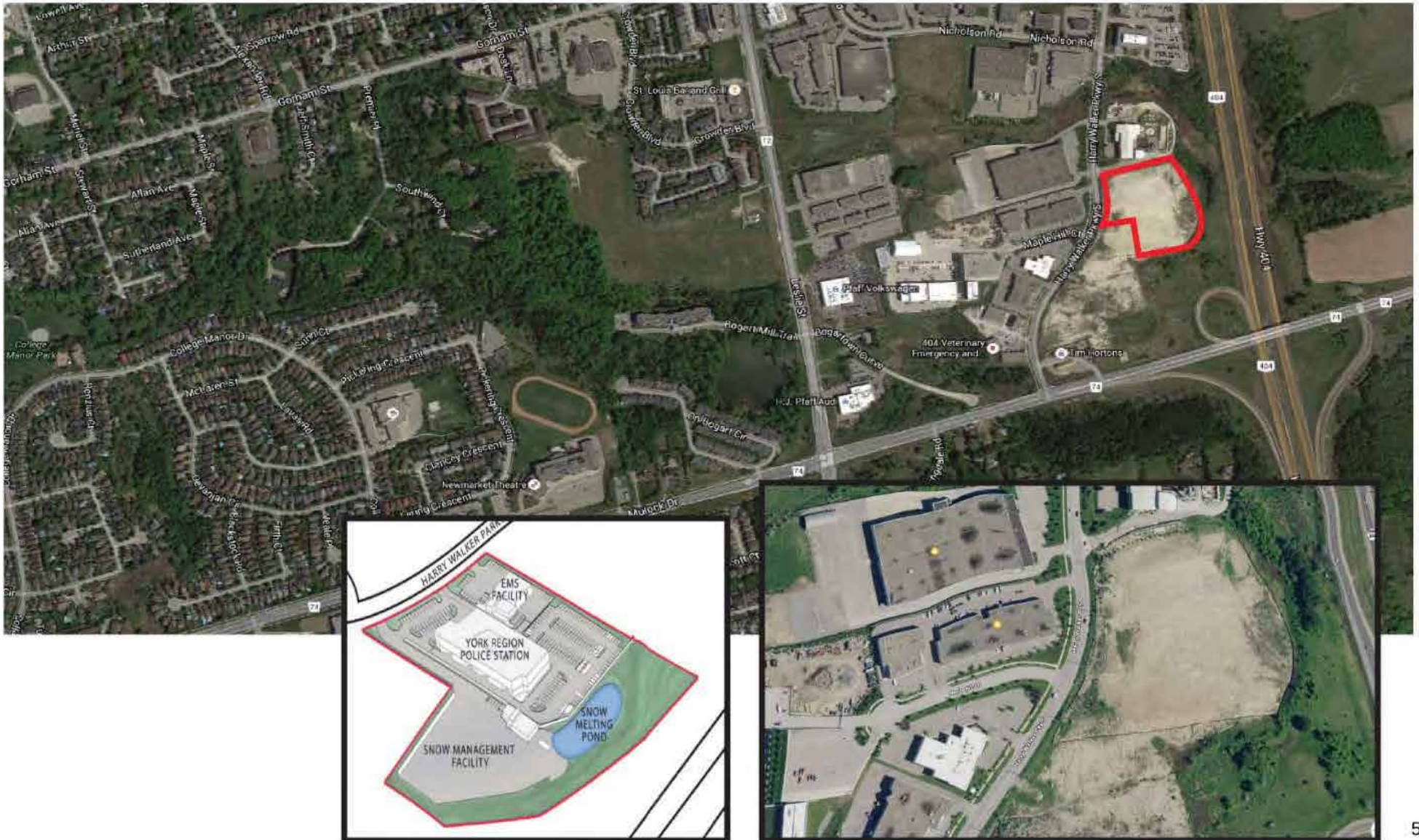




# 10990 and 10998 Warden Avenue Road Maintenance Facility



# 445 Harry Walker Parkway Snow Management Facility



# Discussion

Salim Alibhai, P.Eng., PMP  
Director

Capital Planning and Delivery  
Transportation Services

1-877-464-9675 ext. 75229  
salim.alibhai@york.ca

