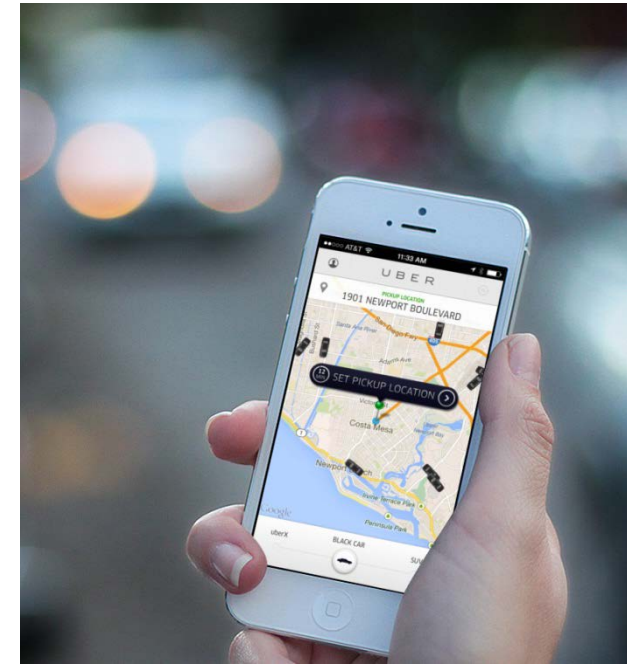


# Transportation Master Plan Advisory Task Force



*Your community, your say.*



## Draft 2041 Network and Proposed Phasing

Stephen Collins  
and Brian Hollingworth (IBI)

Wednesday, February 10, 2016





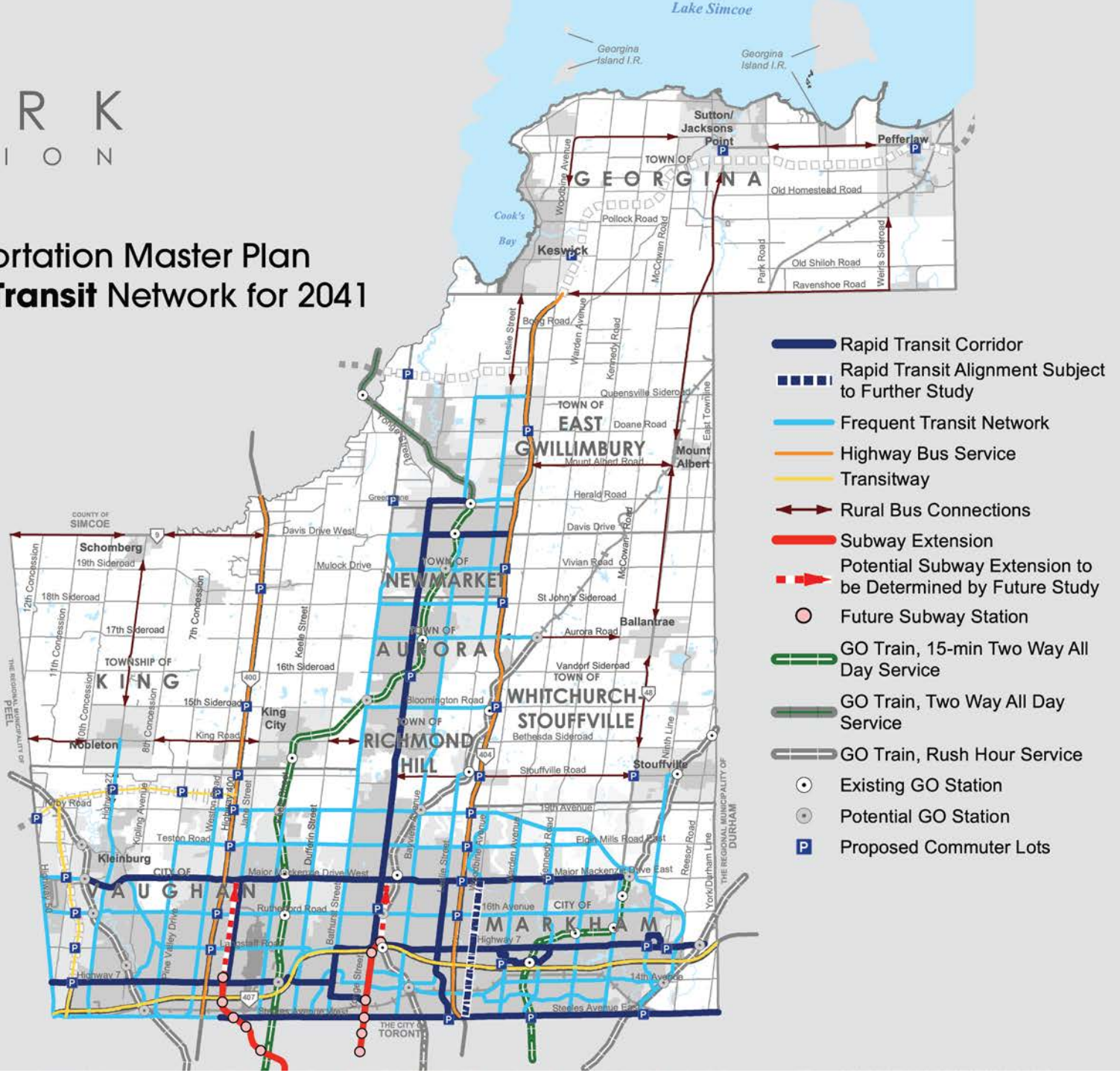
# Proposed Networks

## Proposed 2041 Transit Network



# YORK REGION

## Transportation Master Plan Proposed **Transit** Network for 2041



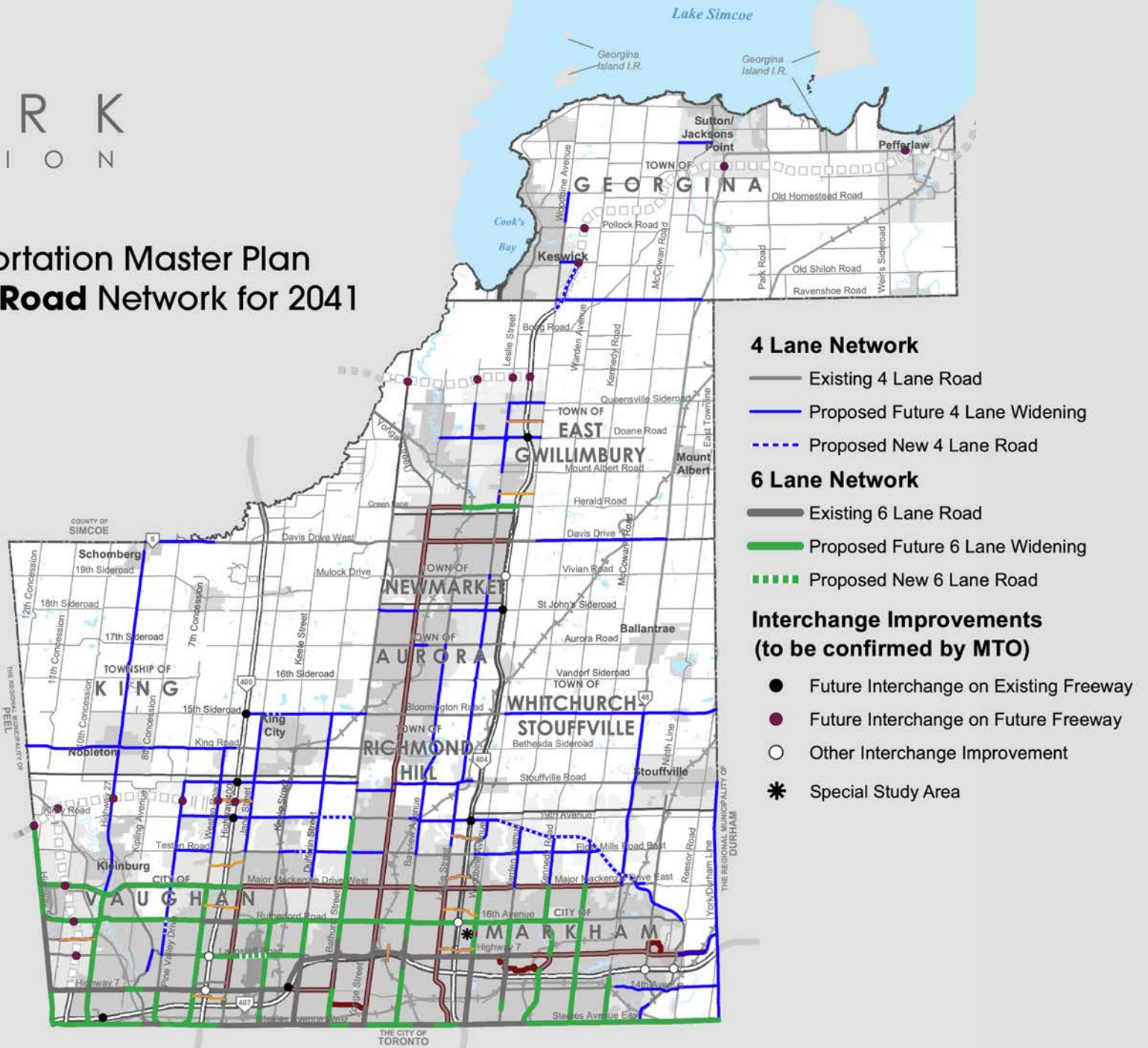


# Proposed Networks Proposed 2041 Road Network



# YORK REGION

## Transportation Master Plan Proposed Road Network for 2041



# Phasing of Networks: Key Assumptions

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## Key Assumptions:

- 40% Land Use Intensification Scenario for Population and Employment Forecasts
- Regional Express Rail will be implemented in York Region within ten years on the Stouffville and Barrie GO Train lines
- Highway 427 extension to Major Mackenzie will be opened by 2021
- Existing projects that are committed and under construction are assumed complete

Announced initiatives by Metrolinx and the MTO are key inputs



# Phasing of Networks: Results

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Network phasing informed by review of the following for all projects on a 2 km by 2 km basis:

- Capacity – current and projected future V/C to 2041
- Development – current active, forecast population and employment growth
- Multi-modal traffic – bus, truck, connection to highways, connections to centres and corridors
- Population and Employment in the catchment areas of each project
- Project readiness

Evaluation of consistent criteria for Evidence-Based Prioritization



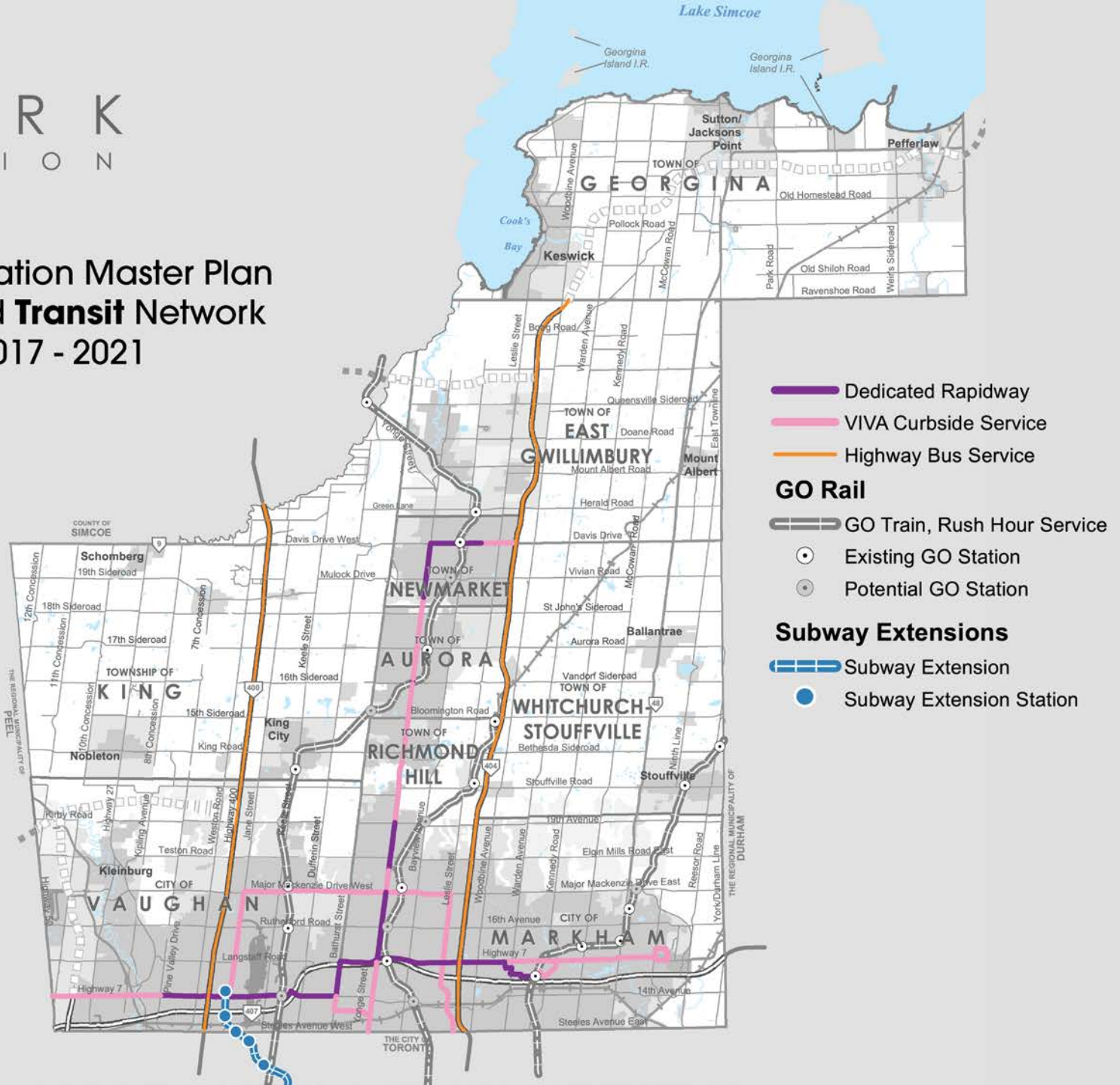
# Phasing Networks Needs by 2021





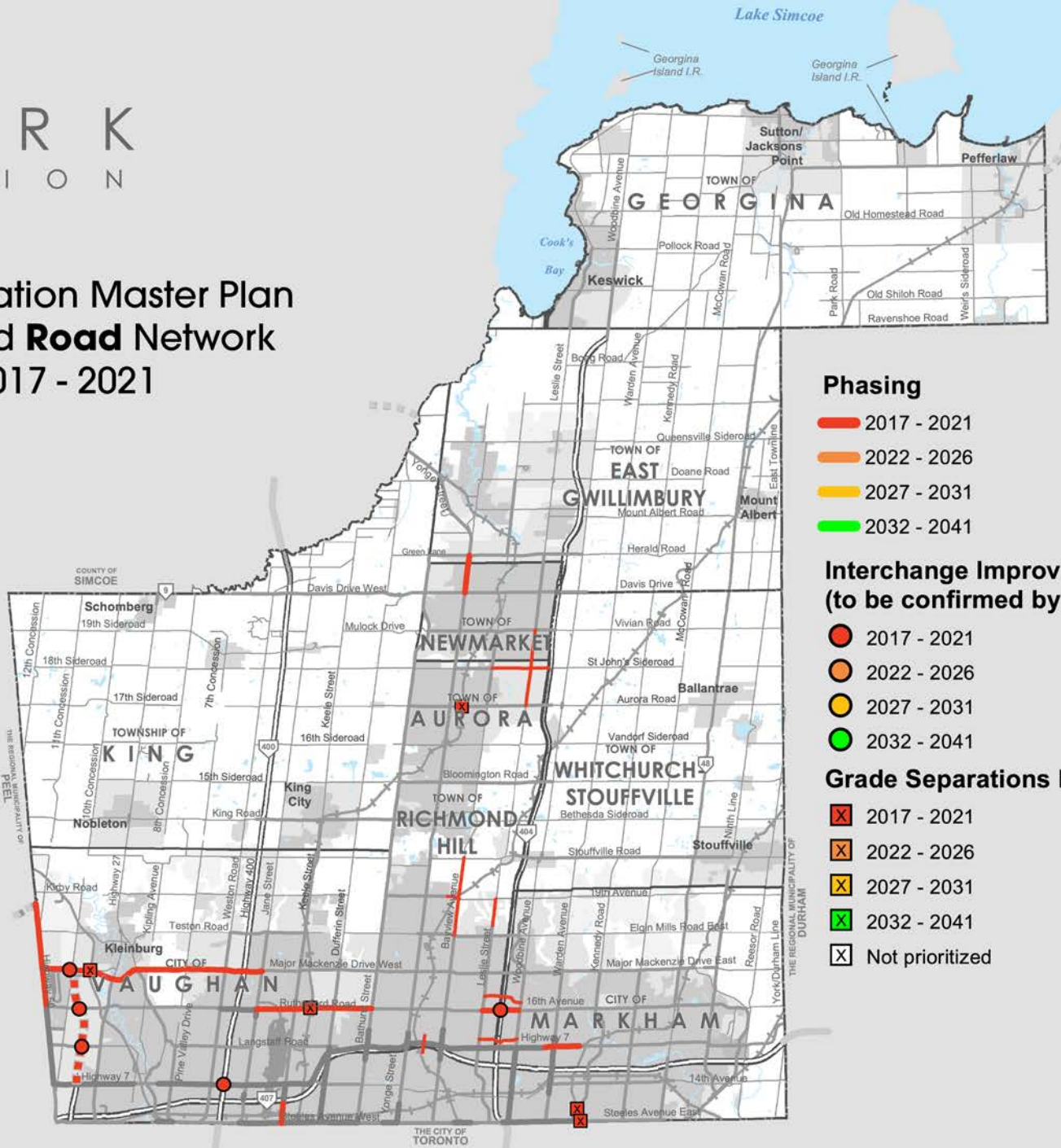
# YORK REGION

## Transportation Master Plan Proposed **Transit** Network 2017 - 2021



# YORK REGION

## Transportation Master Plan Proposed Road Network 2017 - 2021



### Phasing

- █ 2017 - 2021
- █ 2022 - 2026
- █ 2027 - 2031
- █ 2032 - 2041

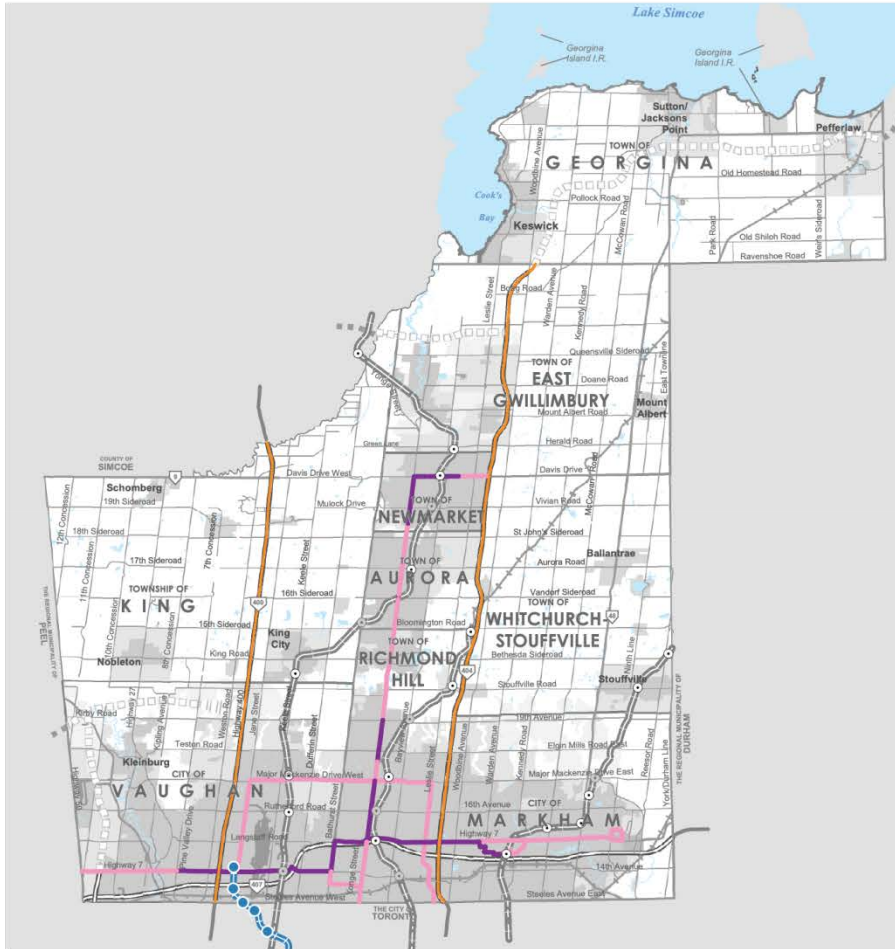
### Interchange Improvements Phasing (to be confirmed by MTO)

- 2017 - 2021
- 2022 - 2026
- 2027 - 2031
- 2032 - 2041

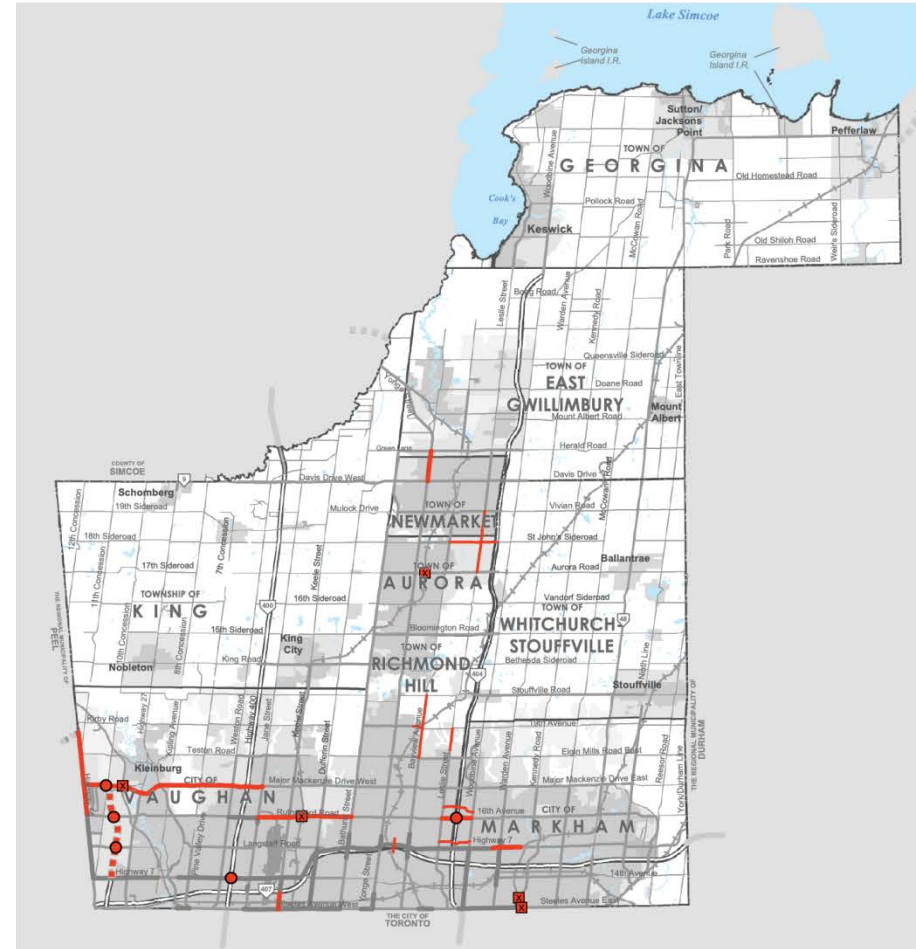
### Grade Separations Phasing

- ⊠ 2017 - 2021
- ⊠ 2022 - 2026
- ⊠ 2027 - 2031
- ⊠ 2032 - 2041
- ⊠ Not prioritized

# Transportation Master Plan Proposed **Transit** Network 2017 - 2021



# Transportation Master Plan Proposed **Road** Network 2017 - 2021

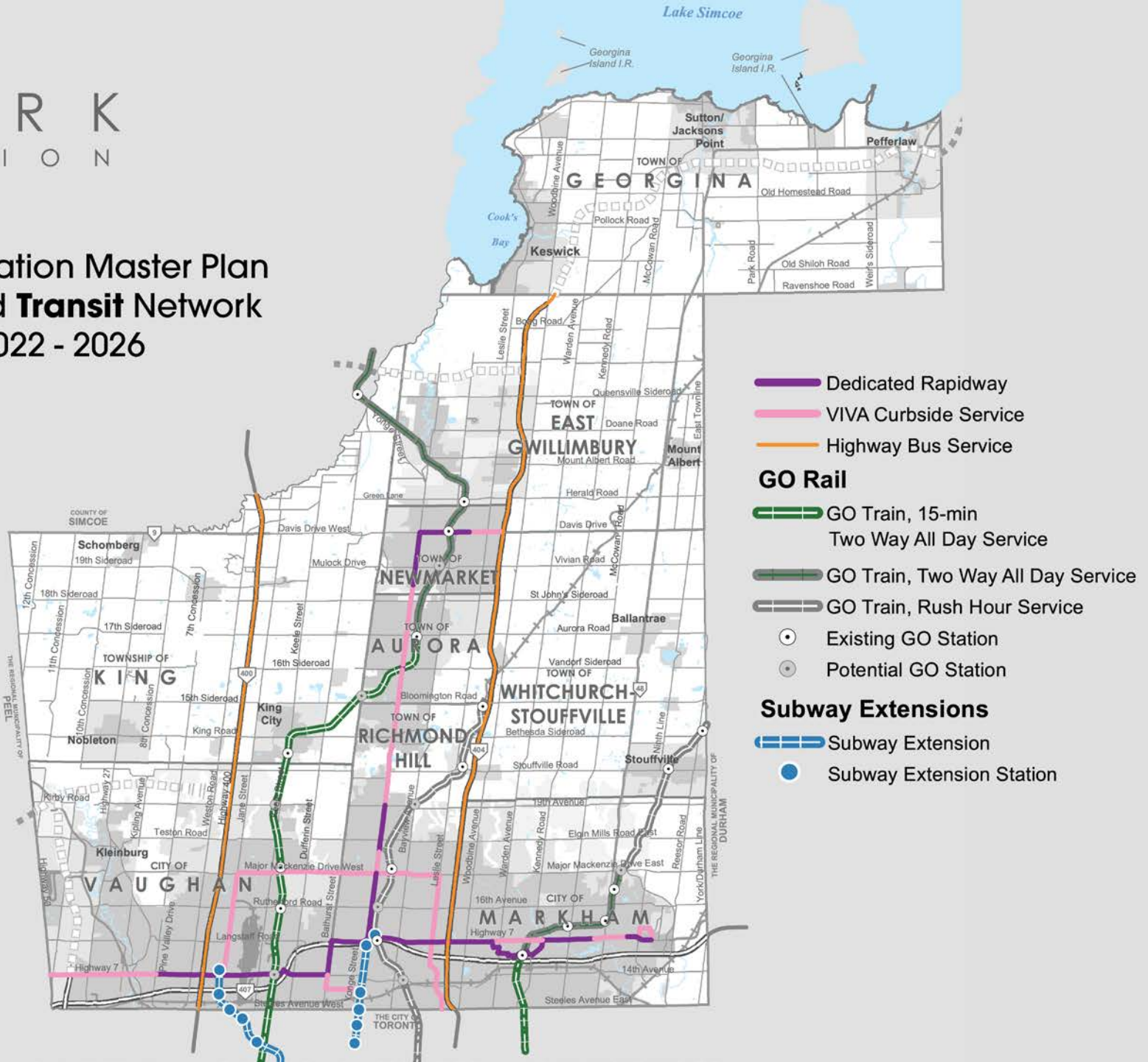


# Phasing Networks Needs by 2026



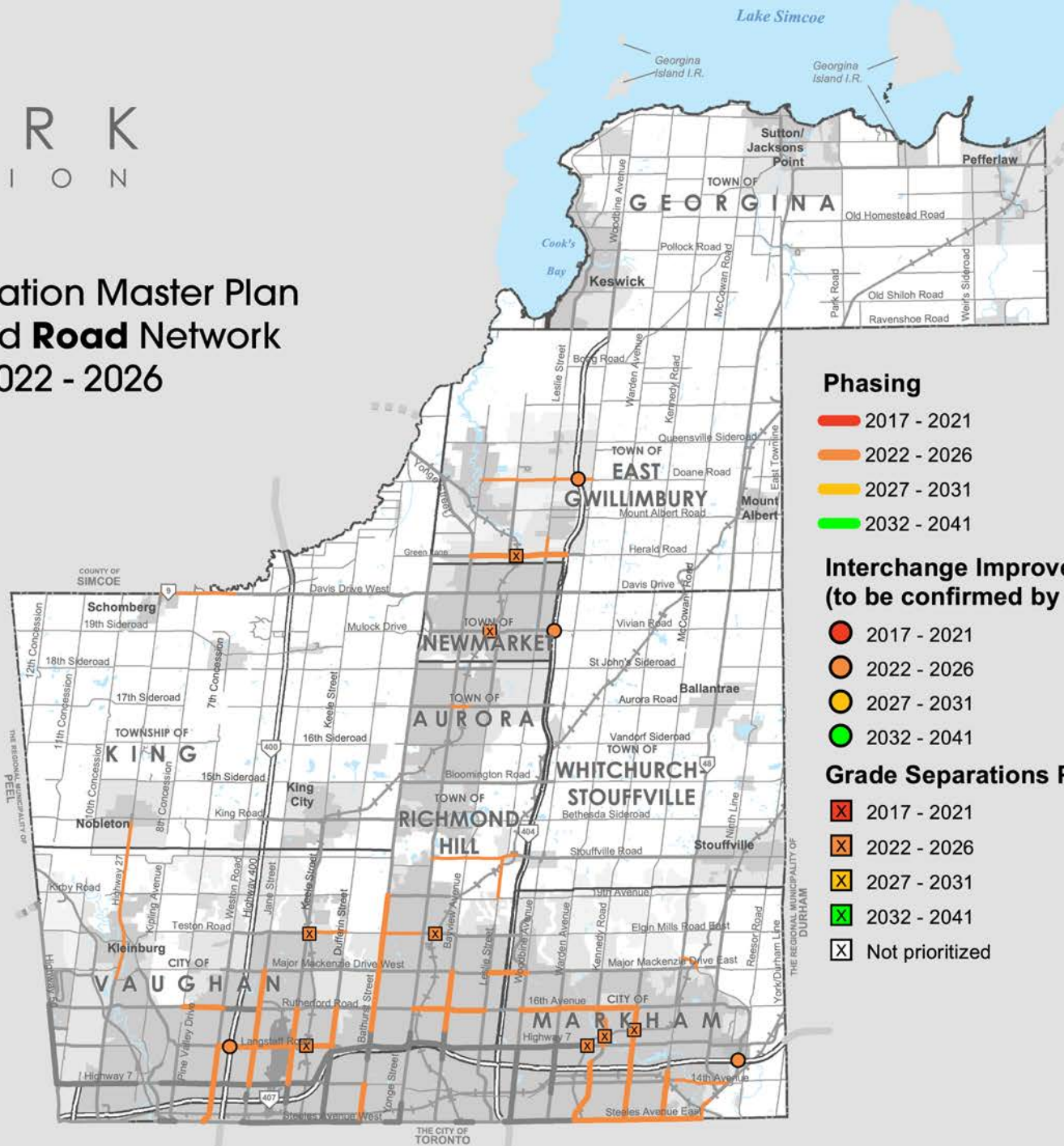
# YORK REGION

## Transportation Master Plan Proposed **Transit** Network 2022 - 2026



# YORK REGION

## Transportation Master Plan Proposed Road Network 2022 - 2026



### Phasing

- 2017 - 2021
- 2022 - 2026
- 2027 - 2031
- 2032 - 2041

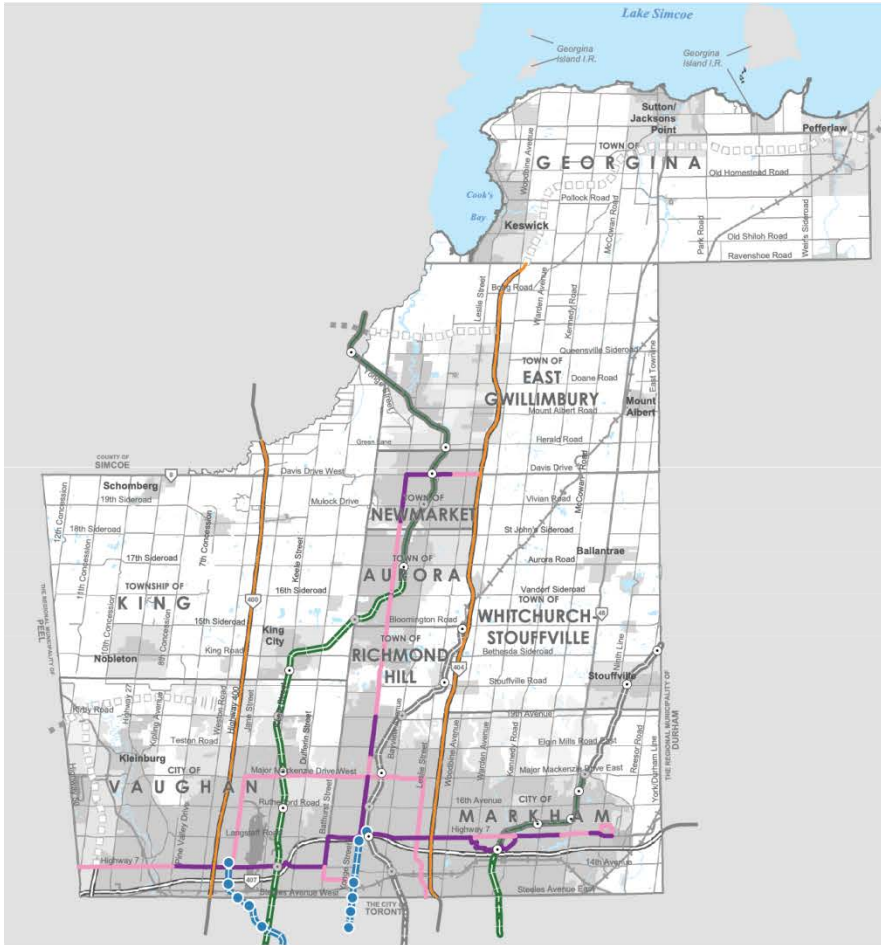
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- 2027 - 2031
- 2032 - 2041

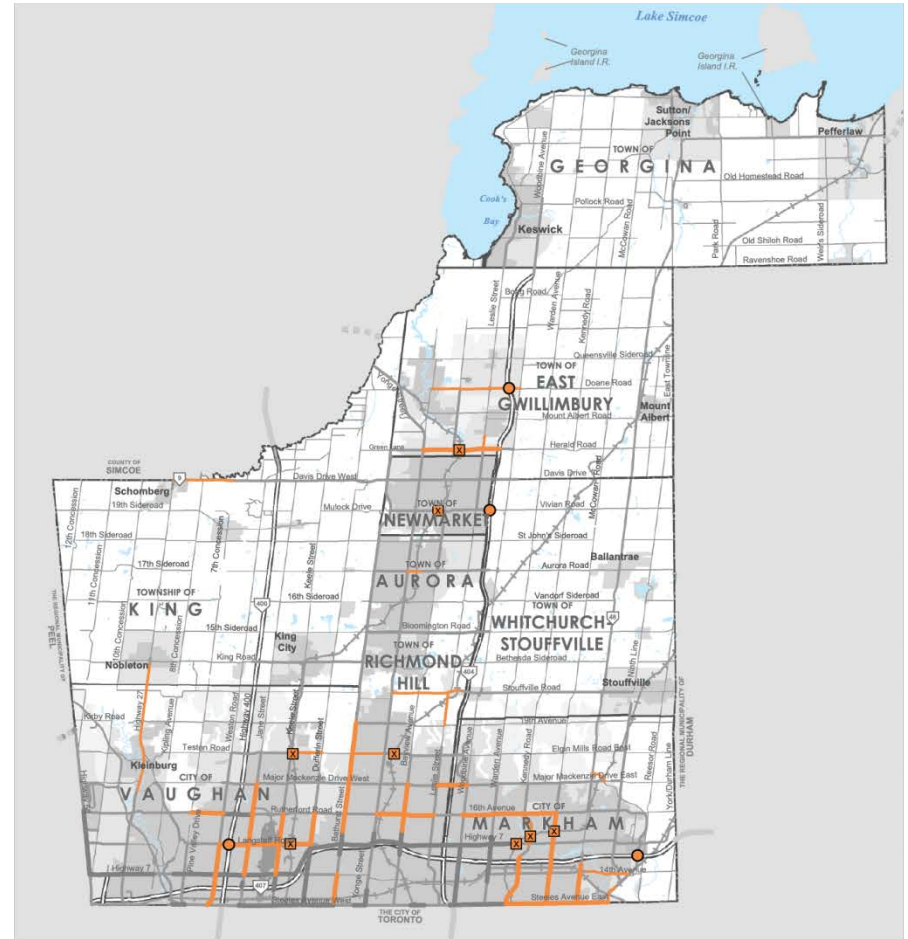
### Grade Separations Phasing

- X 2017 - 2021
- X 2022 - 2026
- X 2027 - 2031
- X 2032 - 2041
- X Not prioritized

# Transportation Master Plan Proposed **Transit** Network 2022 - 2026



# Transportation Master Plan Proposed **Road** Network 2022 - 2026



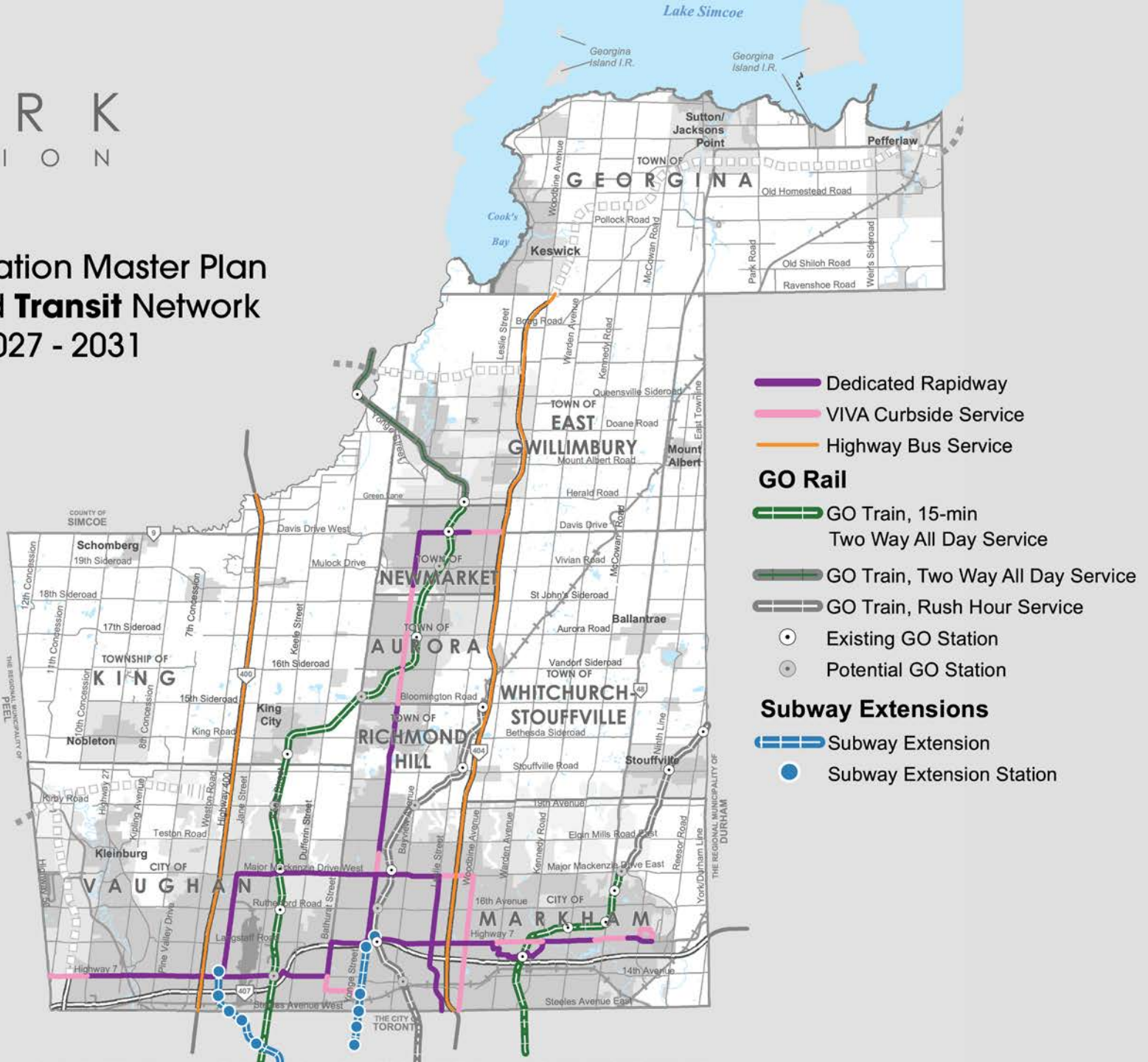
# Phasing Networks Needs by 2031






# YORK REGION

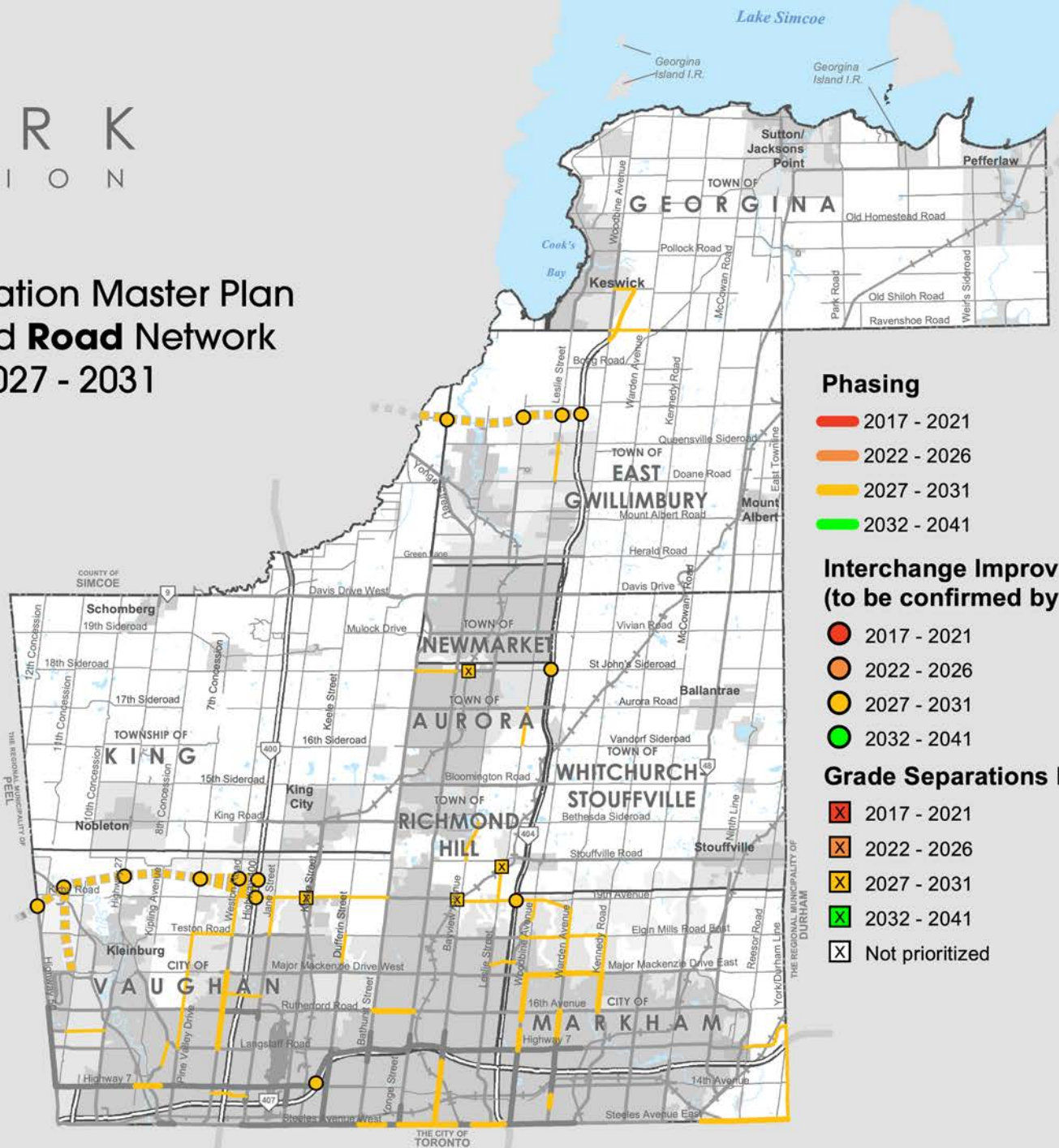
## Transportation Master Plan Proposed **Transit** Network 2027 - 2031



-  Dedicated Rapidway
-  VIVA Curbside Service
-  Highway Bus Service
- GO Rail**
-  GO Train, 15-min Two Way All Day Service
-  GO Train, Two Way All Day Service
-  GO Train, Rush Hour Service
-  Existing GO Station
-  Potential GO Station
- Subway Extensions**
-  Subway Extension
-  Subway Extension Station

# YORK REGION

## Transportation Master Plan Proposed Road Network 2027 - 2031



### Phasing

- 2017 - 2021
- 2022 - 2026
- 2027 - 2031
- 2032 - 2041

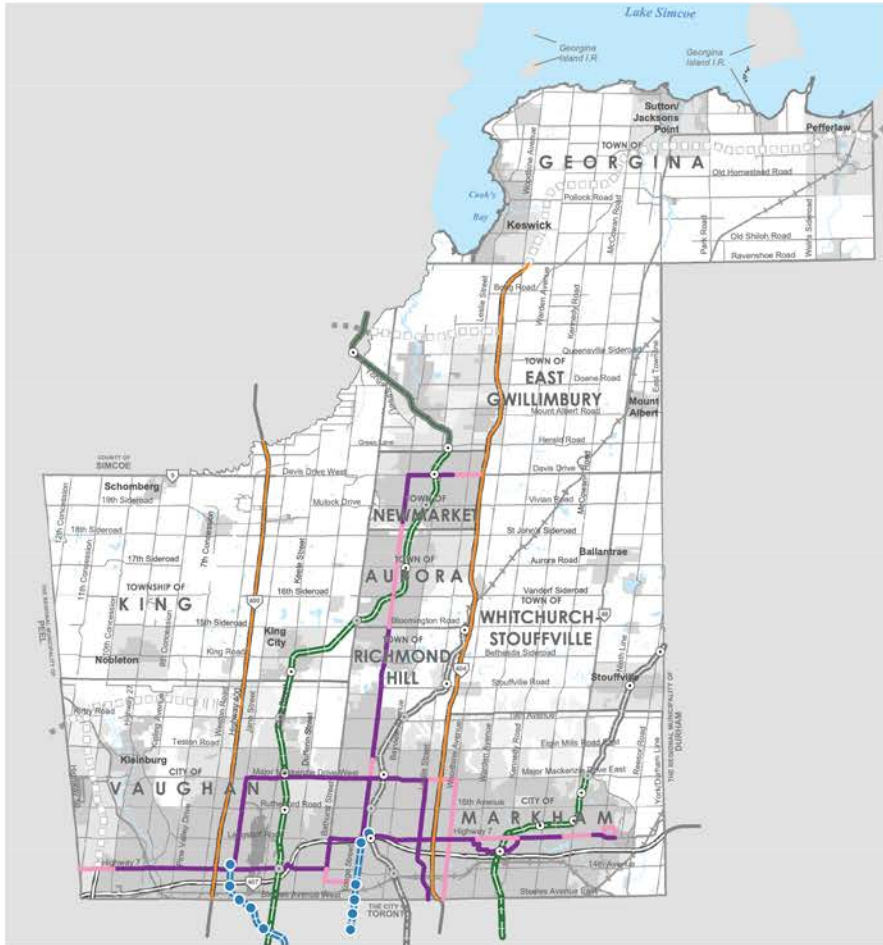
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- 2027 - 2031
- 2032 - 2041

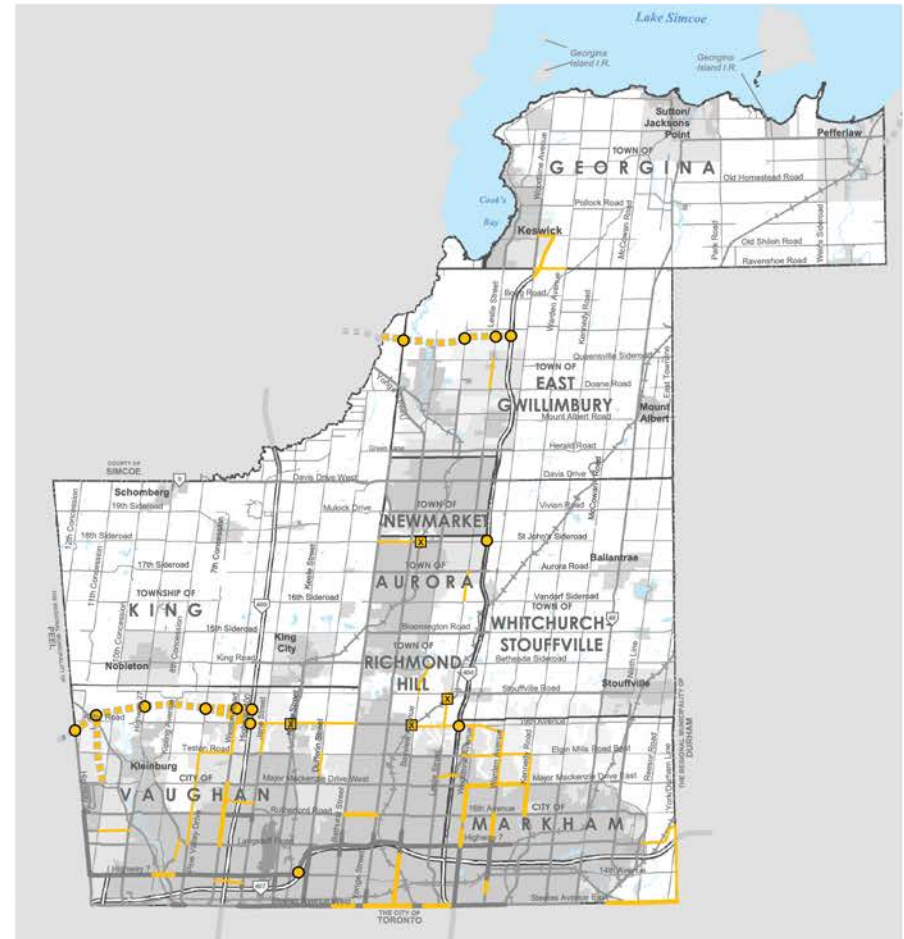
### Grade Separations Phasing

- X 2017 - 2021
- X 2022 - 2026
- X 2027 - 2031
- X 2032 - 2041
- X Not prioritized

# Transportation Master Plan Proposed **Transit** Network 2027 - 2031



# Transportation Master Plan Proposed **Road** Network 2027 - 2031

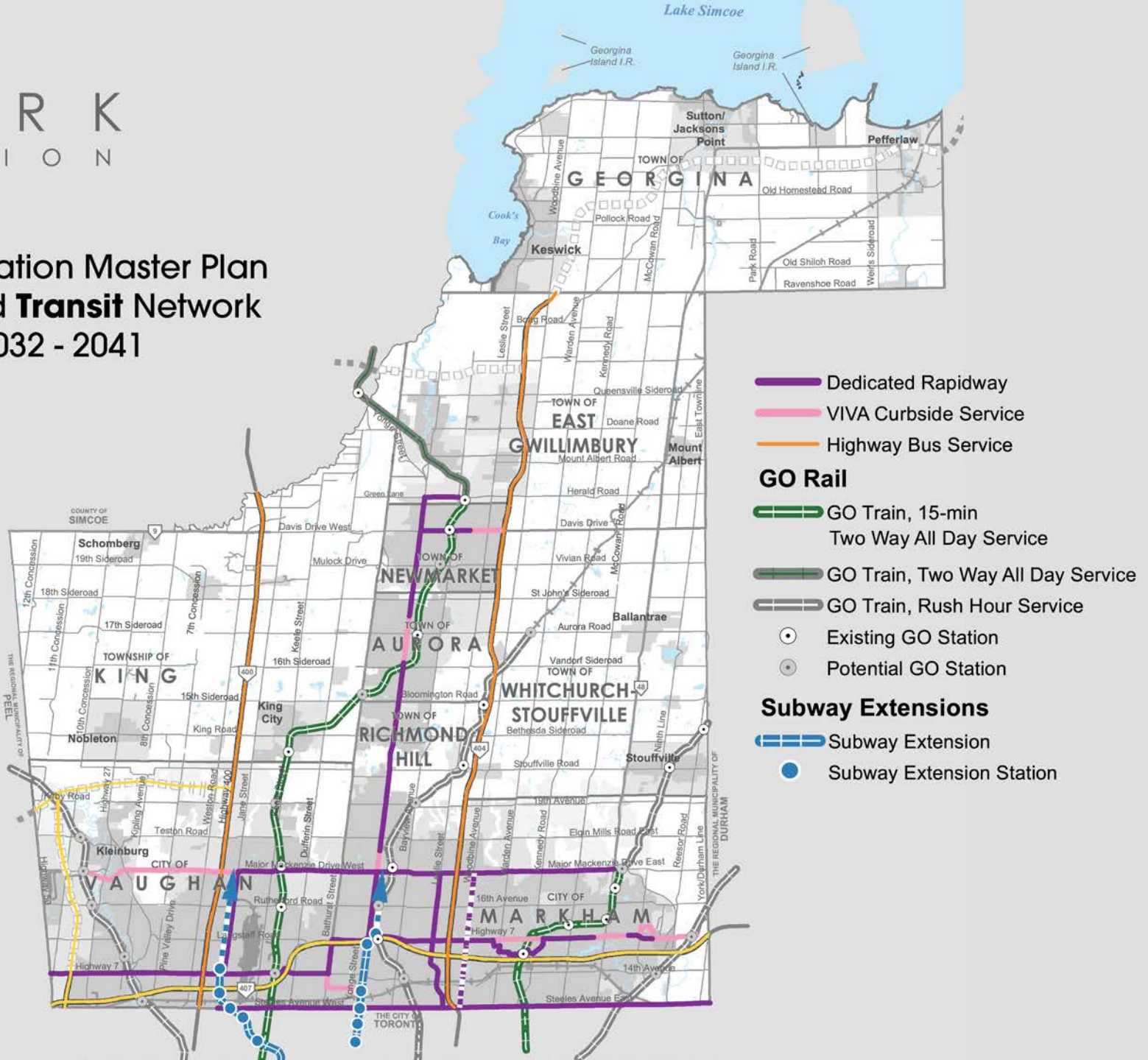


# Phasing Networks Needs by 2041



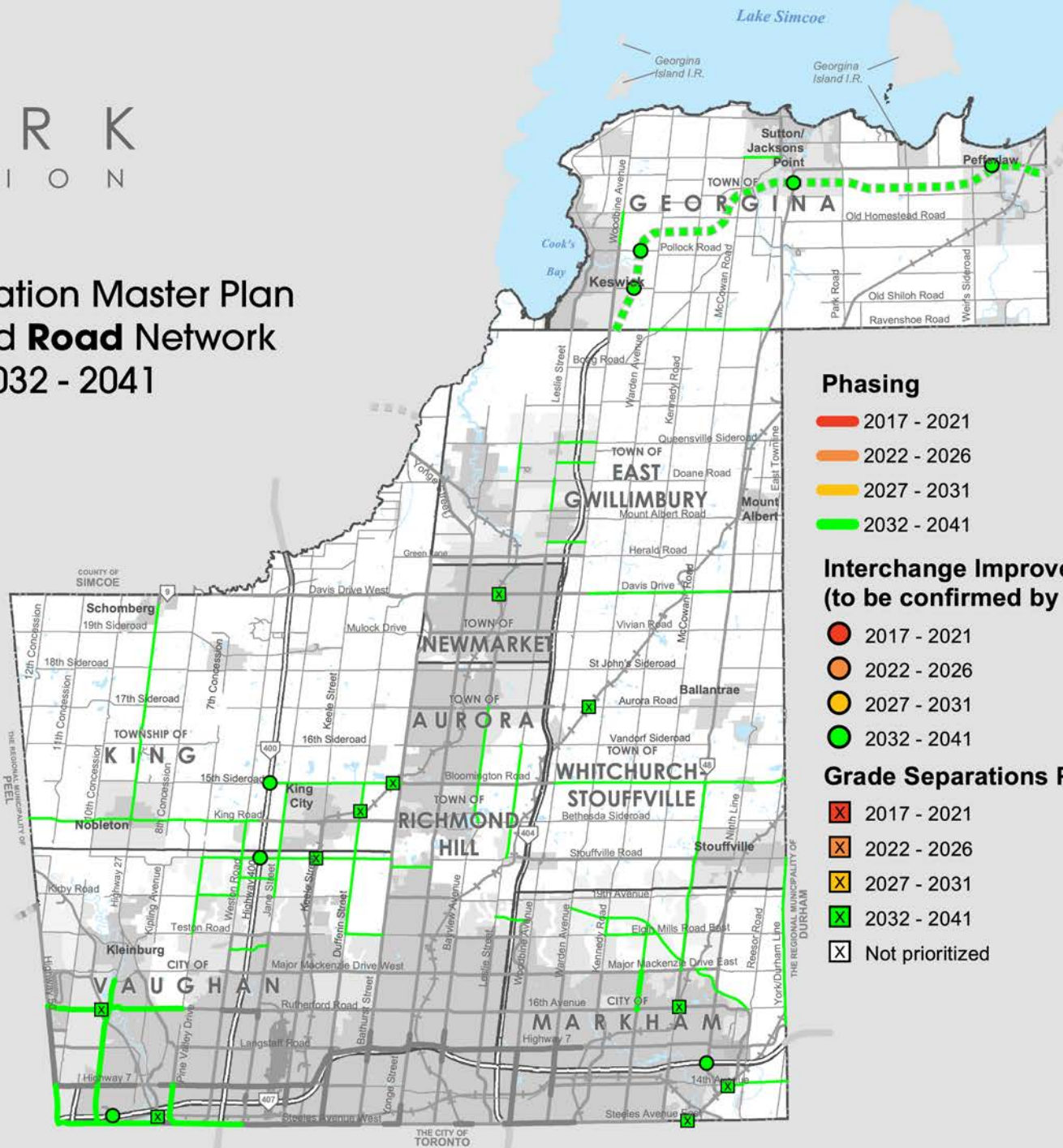
# YORK REGION

## Transportation Master Plan Proposed **Transit** Network 2032 - 2041



# YORK REGION

## Transportation Master Plan Proposed Road Network 2032 - 2041



### Phasing

- █ 2017 - 2021
- █ 2022 - 2026
- █ 2027 - 2031
- █ 2032 - 2041

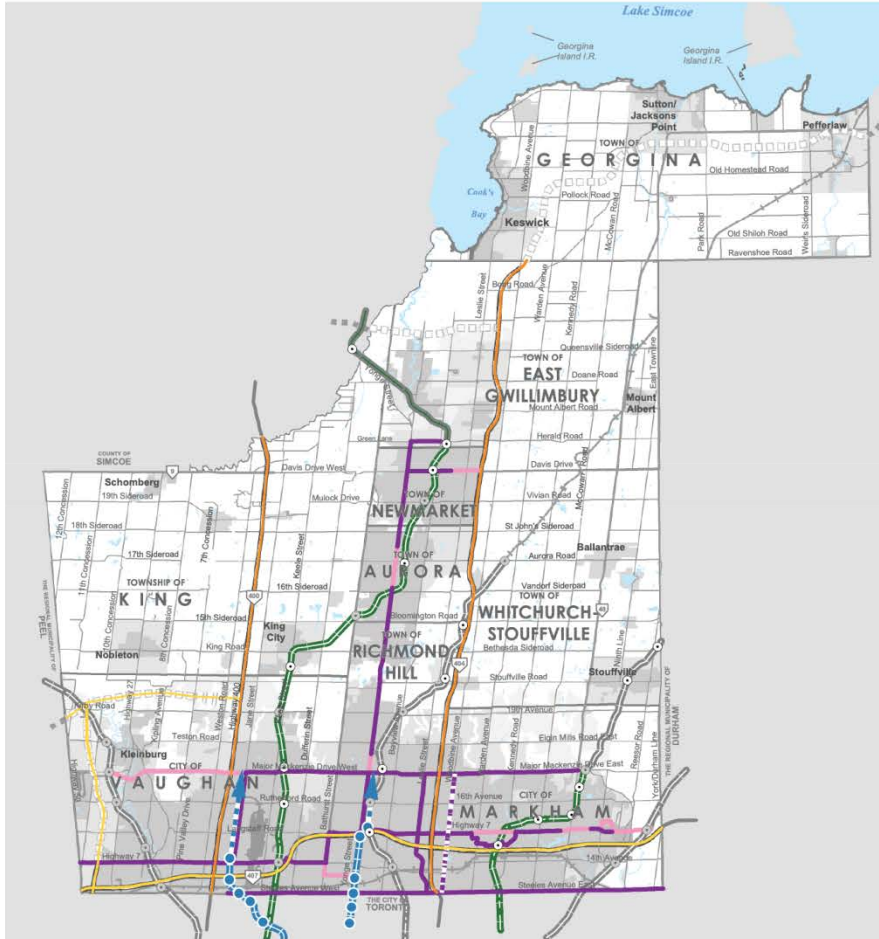
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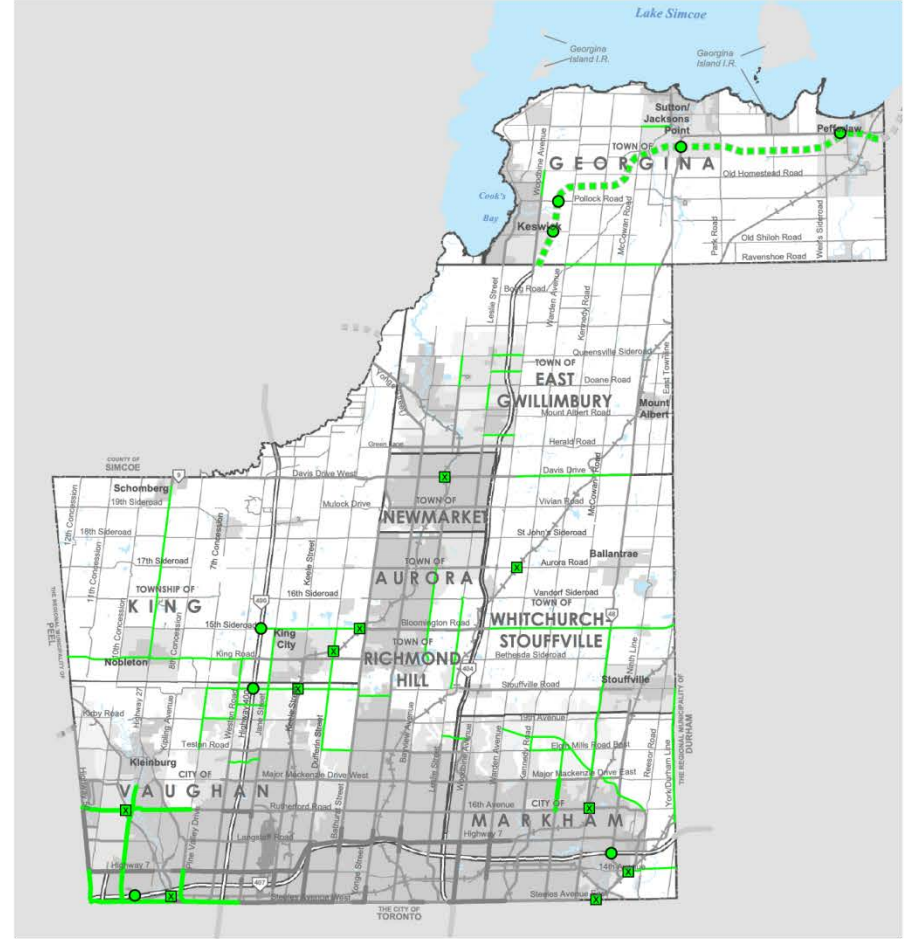
### Grade Separations Phasing

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- X 2027 - 2031
- X 2032 - 2041
- X Not prioritized

# Transportation Master Plan Proposed **Transit** Network 2032 - 2041



# Transportation Master Plan Proposed **Road** Network 2032 - 2041



# Cost of Implementation from 2009 to today

<i>Preliminary Cost Estimates</i>	2009 TMP (2008 \$M)	2009 TMP (2016 \$M)	Draft 2016 TMP (2016 \$M)	Difference (2016 \$M)
REGIONAL TRANSIT				
Infrastructure Expansion	12,500	13,500	7,600	(5,900)
REGIONAL ROADS				
Infrastructure Expansion	2,690	2,910	7,310	4,400
Subtotal	<b>15,190</b>	<b>16,410</b>	<b>14,910</b>	<b>(1,500)</b>
STATE OF GOOD REPAIR	3,150	3,820	7,500	3,680
TOTAL	18,340	20,230	22,410	2,180

Improved mobility, quality of life and the environment

