



Transportation  
Master Plan  
Update



# York Region Transportation Master Plan Update

*Moving on Sustainability*

*Planning and Economic Development Committee  
November 5, 2008*

# Objectives of this Transportation Master Plan (TMP) Update

- Prepare Sustainable 'Blueprint' to meet current and future transportation needs
- Prioritize short, medium and long-term transportation goals through 2031
- Identify infrastructure improvements and policy and program needs



# Transportation Master Plan: An Integrated Process



# Our Transportation Direction

Make sustainability the cornerstone of our Transportation Master Plan



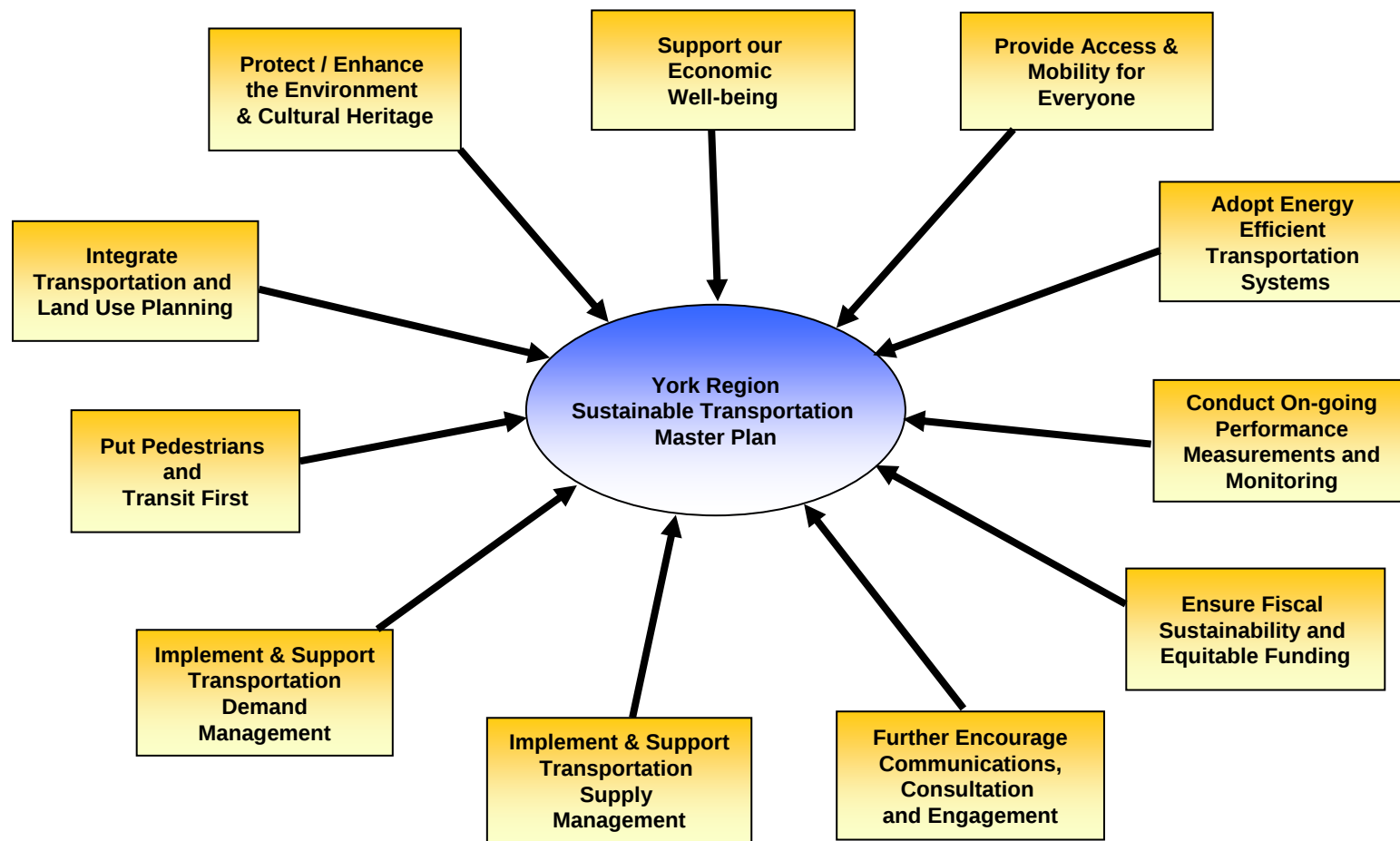
- Key actions focussed on sustainability principles

# Some Major Steps To Get Here



- Developed Sustainability Principles to guide the TMP
- Analyzed population projections and future land-use scenarios
- Produced several Issue Papers addressing transportation challenges & opportunities
- Conducted extensive public consultation including a survey with 1,000 York Region residents to gauge transportation views

# Transportation Sustainability Principles



# How We Engaged the Public



- Held three rounds of interactive public workshops in locations throughout York
- Participated in stakeholder workshops discussing sustainability principles
- Held two symposia with community leaders, area agencies
- Produced three newsletters
- Conducted a public opinion survey
- Developed a comprehensive website

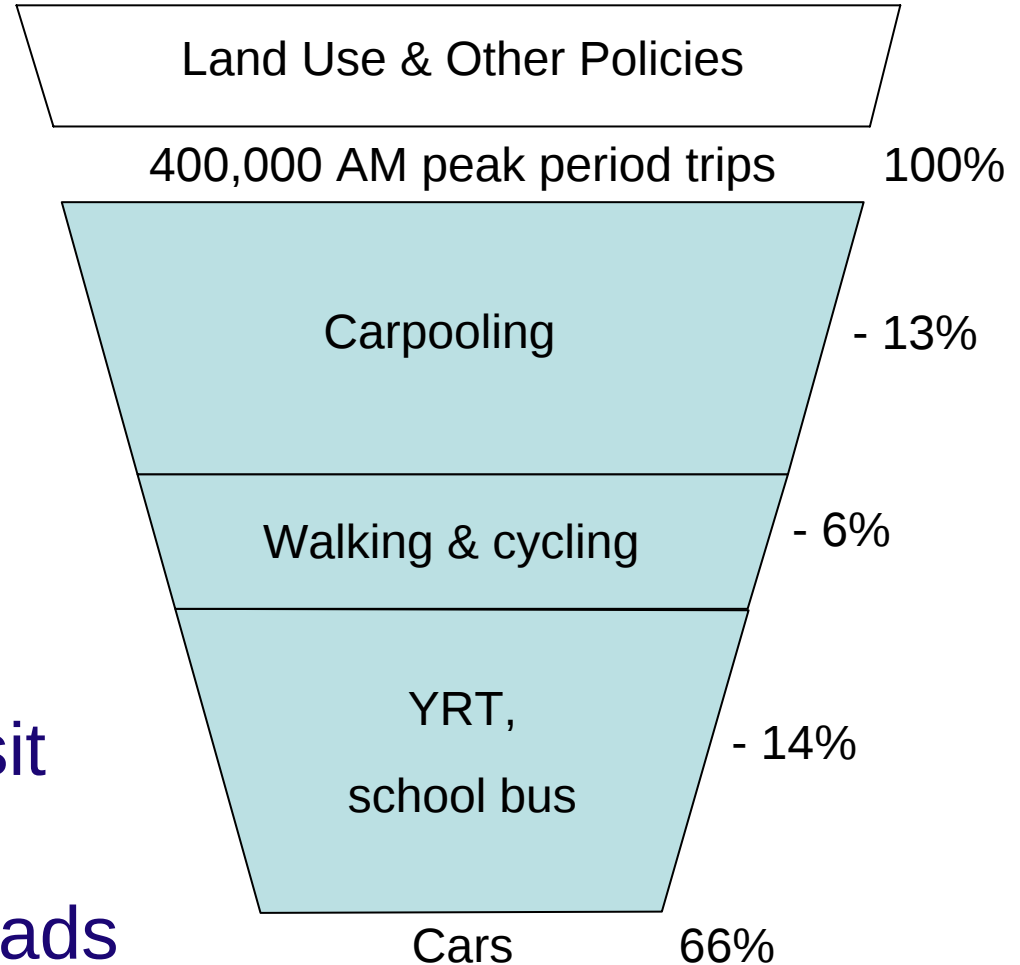
# Sustainable Transportation Planning Approach

❑ Reduce need to travel

❑ Alternative modes

❑ Public transit

❑ Optimise Roads



# Proposed Policy Goals



To develop a comprehensive array of transportation-related policies and strategies to be implemented over the 0-10+ year timeframe within the TMP

- ❑ Based on needs to support the network plans
- ❑ Sustainability = key driver
- ❑ Address the system (networks, land use and urban design) and the user (travel behaviour)

# Policy Groups

Full policy/program framework includes over 100 recommendations

## 1. Reduce need to travel:

- ❑ Planning and design
- ❑ Transit oriented development
- ❑ Environmental protection

## 2. Alternative modes

- ❑ Travel demand management
- ❑ Parking management/policies
- ❑ Collaboration and partnering
- ❑ Marketing and education

## 3. Public transit

- ❑ Transit
- ❑ ITS and technology
- ❑ Funding

## 4. Optimise Roads

- ❑ Roads and highways
- ❑ Goods movement



# “Bold Directions”- 0-2 years

Adopt a “putting pedestrians and transit first” policy into the TMP and Official Plan



Implement the Regional and municipal Cycling and Pedestrian Master Plans

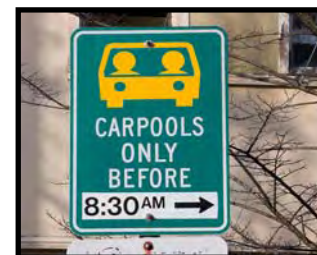
# “Bold Directions”- 0-2 years

Cap Road widenings to a maximum of 6 or 7 lanes

- ❑ Only when no other alternative exists
- ❑ Only for HOV/Transit

Initiate HOV2+ lanes for road segments

Require the local municipalities to design collector roads to accommodate local transit services



# “Bold Directions”- 3-5 years

## Expand Viva/YRT Intelligent Transportation System (ITS) program



## Transit Fare Integration

# “Bold Directions”- 3-5 years



Implement Parking Authority

# “Bold Directions”- 3-5 years

## Parking Strategies in Regional Centres & on Regional Corridors



## Maximum Parking Standards

# “Bold Directions”- 3-5 years

Demonstrate viability of sustainable modes through events such as Bike to Work Day, Free Transit Day, Clean Air Commute Week, Carpool Week, etc.



# “Bold Directions”- 3-5 years

Enhance the Natural Environment when planning corridor improvements

Plan transportation systems to avoid natural heritage features



# “Bold Directions”- 5-10 years

Policy in the Regional Official Plan requires minimum density to promote Transit Oriented Development



Develop gateway “mobility hubs” at major entry and transfer points

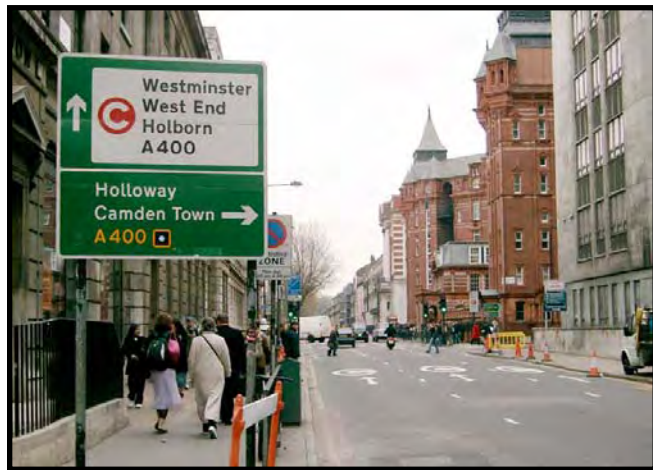
# “Bold Directions”- 5-10 years

Facilitate effective freight movement systems



# “Bold Directions”- 10+ years

Restrict delivery times by heavy vehicles



Explore road user fees in congested urbanized areas

# DRAFT 2031 Transit Network

## Rapid Transit Technologies

Subway



Light Rail Transit



Bus Rapid Transit



GO Rail



# Transit Network Improvements

- Existing GO Station
- Proposed GO Station
- Gateway to Transit Network
- Commuter / HOV Parking
- Regional Centres
- GO Rail Service
- 407 Transitway
- Rural Links
- Expressway Bus Service
- Subway Extension
- Rapid Transit Corridor
- Transit Priority Improvements
- TTC Rapid Transit

## Draft 2031 Transit Network

## GO Rail + 407 Transitway



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# Draft 2031 Transit Network

## Subways



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## Draft 2031 Transit Network

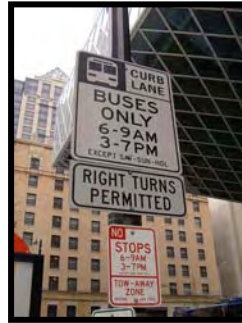
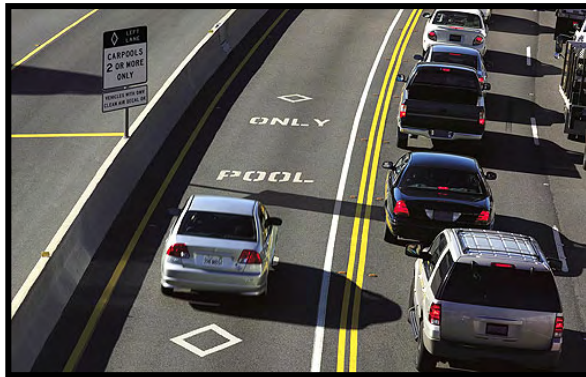
BRT/LRT



# DRAFT 2031 Transit Network

## Transit Priority Improvement Technologies

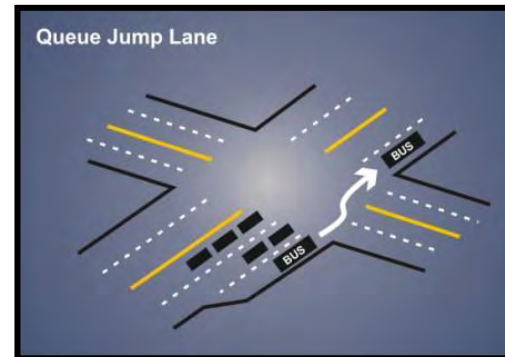
### High Occupancy Vehicle Lanes



### Transit Signal Priority



### Queue Jump Lanes

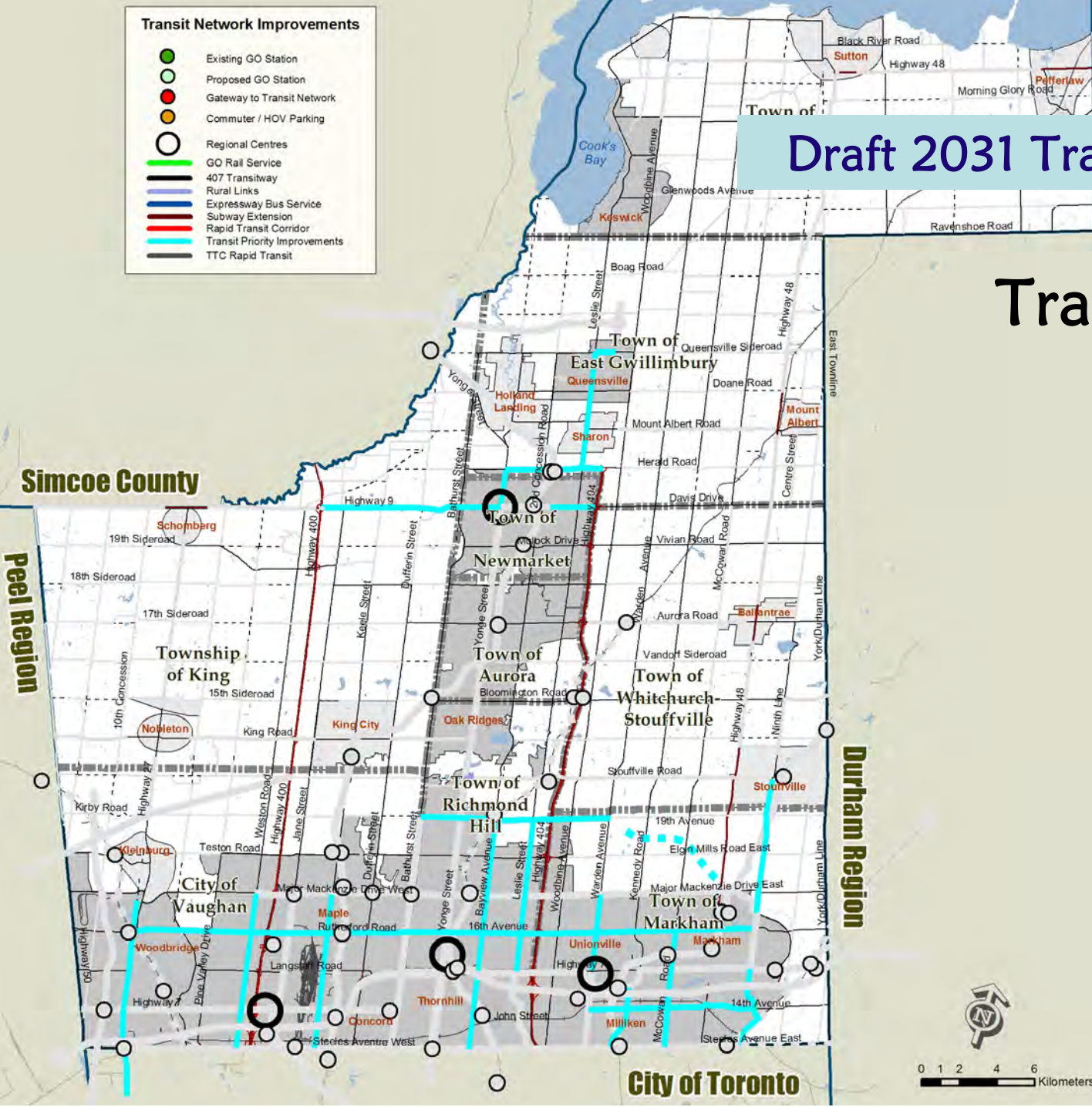


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## Transit Priority Corridors



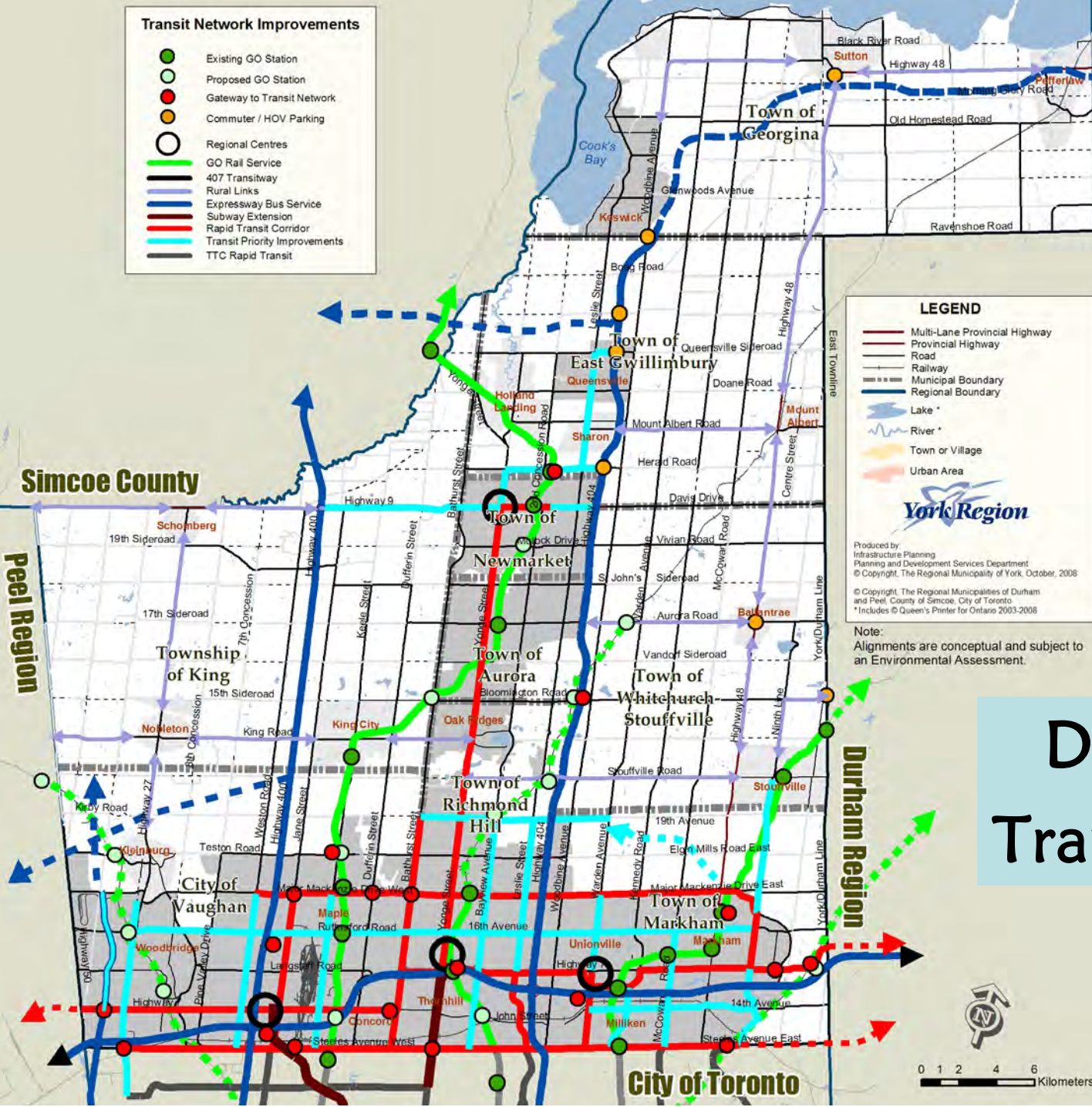
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## Draft 2031 Transit Network

## Rural and Highway Services





# DRAFT 2031 Transit Network

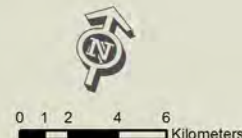
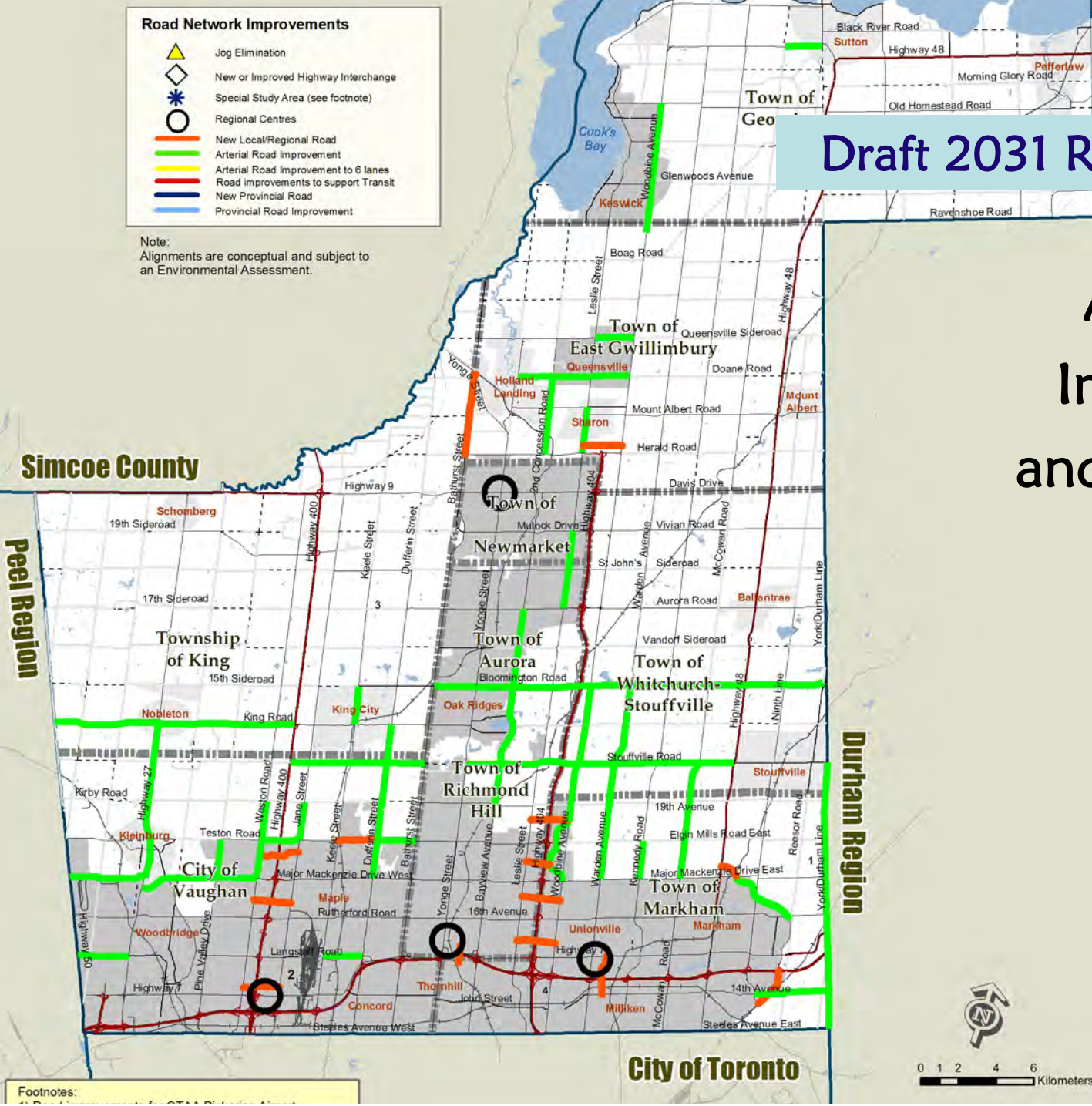
## Road Network Improvements

-  Jog Elimination
-  New or Improved Highway Interchange
-  Special Study Area (see footnote)
-  Regional Centres
-  New Local/Regional Road
-  Arterial Road Improvement
-  Arterial Road Improvement to 6 lanes
-  Road improvements to support Transit
-  New Provincial Road
-  Provincial Road Improvement

Note:  
Alignments are conceptual and subject to  
an Environmental Assessment.

# Draft 2031 Road Network

## Arterial Road Improvements and New Roads



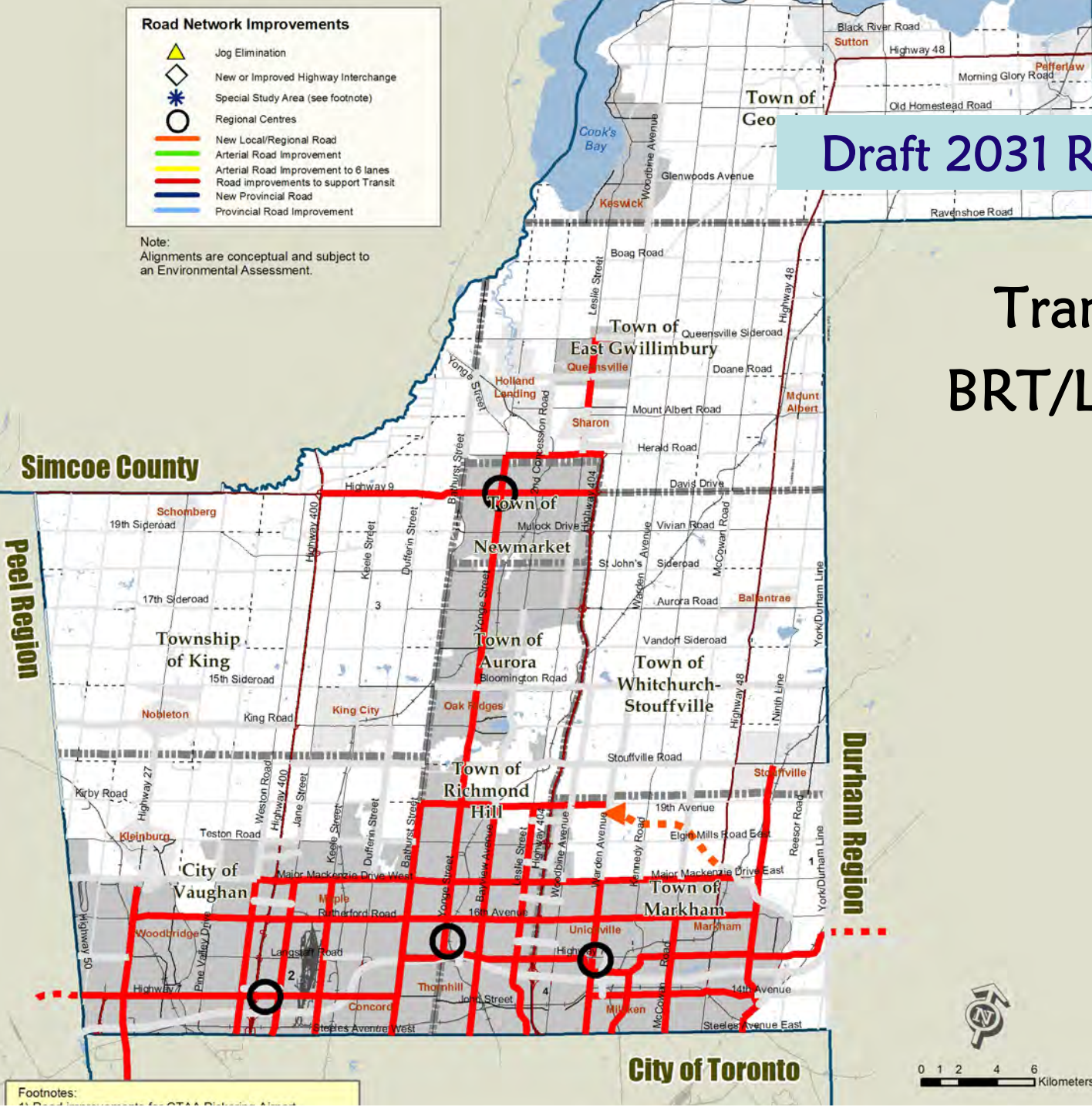
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## Transit Priority & BRT/LRT Corridors



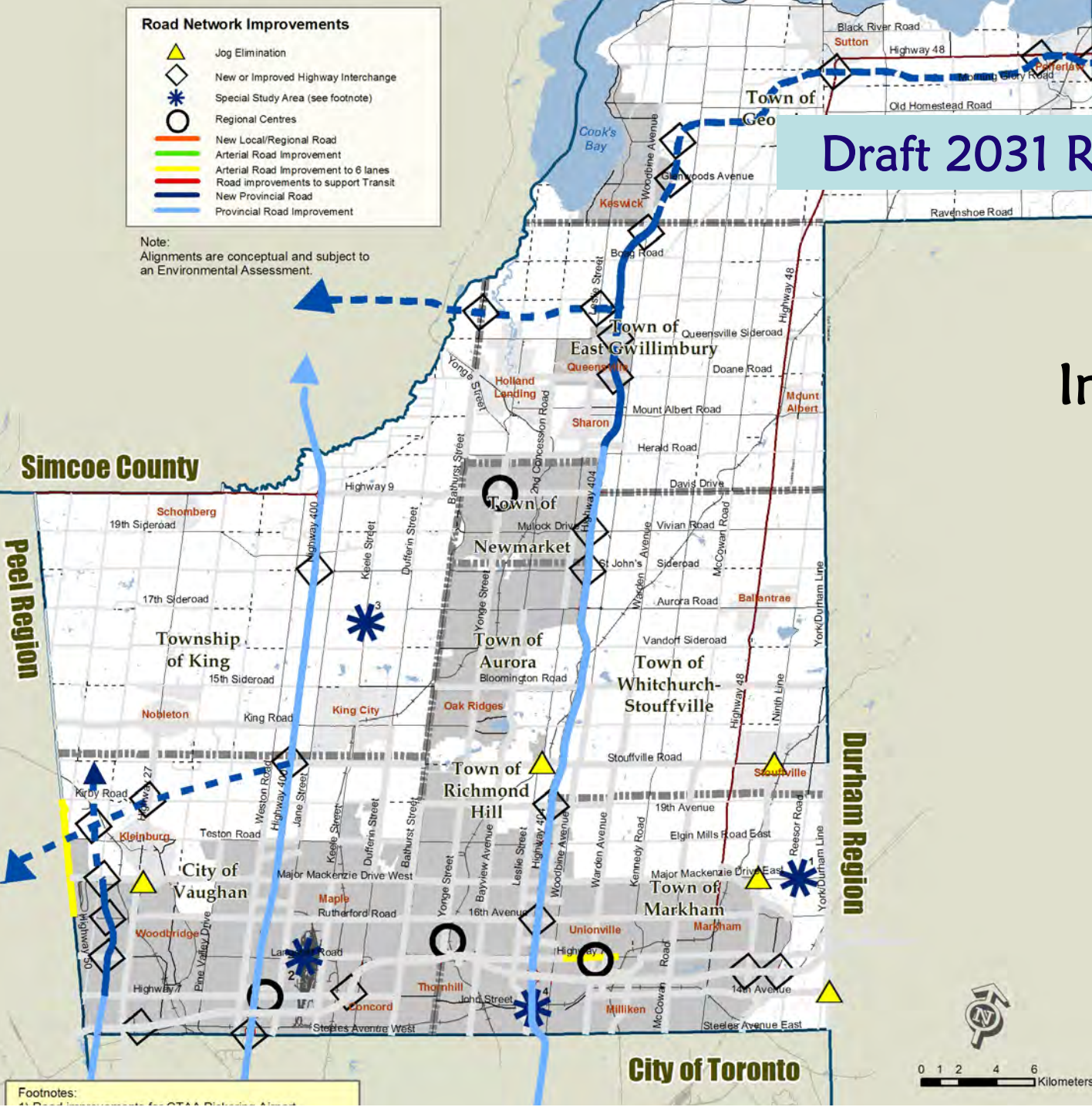
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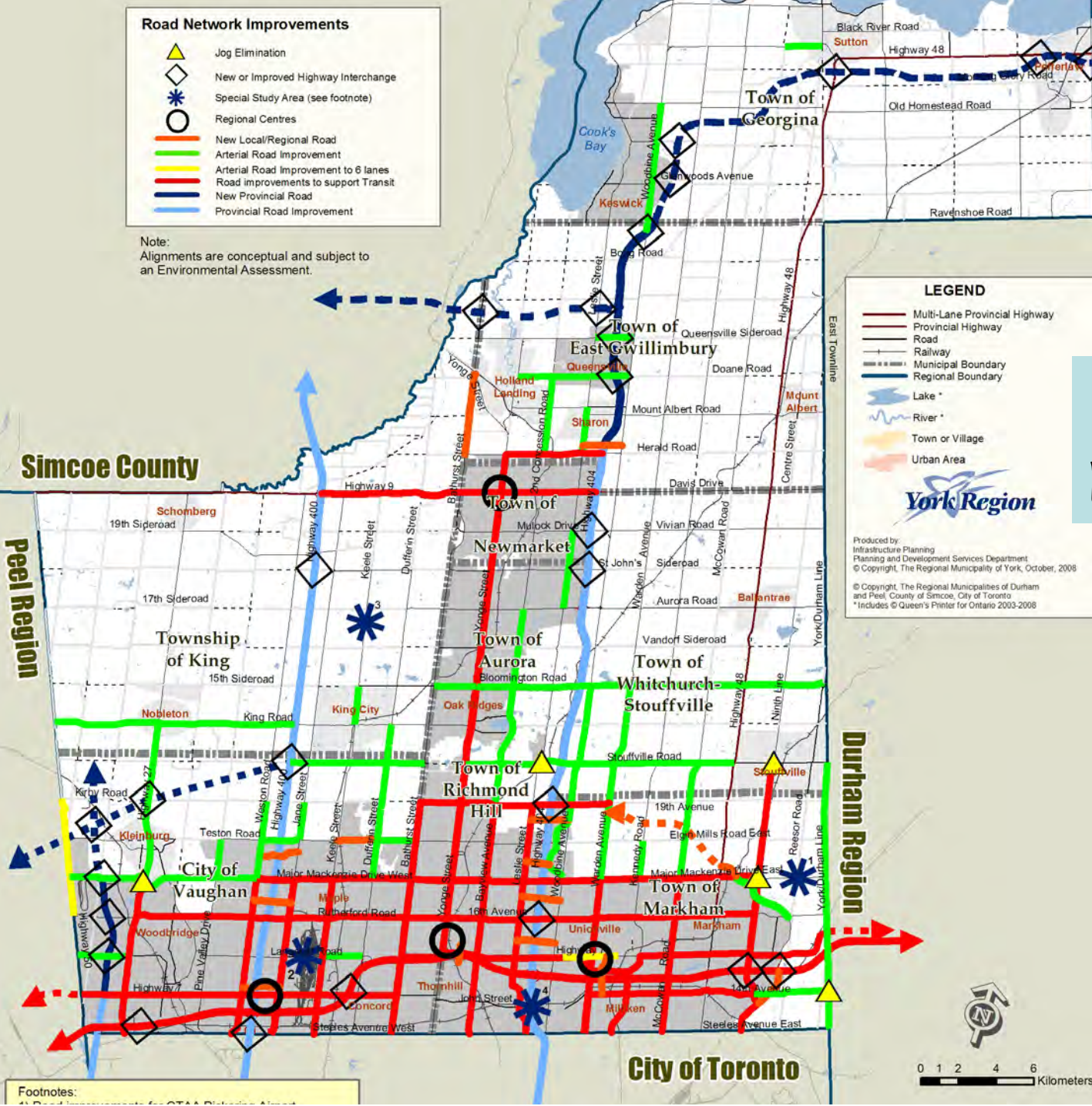
# Draft 2031 Road Network

## Highway Improvements



Footnotes:

4) Road improvements for GTAA District Street



# DRAFT 2031 Road Network

# TMP and Metrolinx RTP



- ❑ Road and Transit Recommendations recognize Metrolinx's Plan
- ❑ Complementary policies and initiatives between plans
- ❑ Both plans focus on sustainability with transit and alternatives modes as priorities
- ❑ TMP provides more details on York Region needs

# A Progressive, Bold Transportation Plan for Our Future



- transportation network connections
- efficient transit and transportation technologies
- pedestrian sidewalks and bicycle paths
- mixed land uses
- residential and employment development
- "people places"
- commercial Main Street areas
- urban and streetscape design

# Next Steps



- PCC #3 -Nov 12 – 27, 2008
- Phasing and implementation plans – Dec 08
- Draft TMP report for review – Jan 09
- Council endorsement of draft TMP – Mar 09
- 30-day public review – Mar/Apr 09
- Council endorsement of Final TMP – Apr/May 09

# Upcoming Public Consultation Centres



- November 12 – Stouffville (note change in location)
- November 18 – Vaughan
- November 20 – Markham
- November 25 – Newmarket
- November 27 – Richmond Hill