

DEVELOPMENT OF A REGIONAL
TRANSPORTATION PLAN FOR THE
GREATER TORONTO and HAMILTON AREA

TOWARDS
SUSTAINABLE
TRANSPORTATION

metrolinx

LINKING PEOPLE TO PLACES • ON Y V A

VISION, GOALS
AND OBJECTIVES

PRELIMINARY DIRECTIONS
AND CONCEPTS



White Paper #1

White Paper #2

White Paper 1 - Vision

An Integrated Transportation System for Our
Region that Enhances Prosperity,
Sustainability and Quality of Life

White Paper 1 – Goals and Objectives

A high quality of life. – comfort, reliability, choice, attractive, safe.

A thriving, healthy and protected environment. – smaller carbon footprint, ecosystem approach, conserving land

A strong, prosperous and competitive economy. – functional, integrated, efficient, fiscally sustainable, secure

White Paper 2 -Preliminary Directions

- **A System for Complete Mobility** to expand the existing transportation network into a complete and integrated system
- **Placemaking and Mobility Hubs** to support an appropriate and attractive urban form
- **Excellent Customer Service** to provide a safe and convenient travelling experience
- **Sustainable Financing** to fund the system
- **Innovation through Research** to ensure the best plans and ideas are considered and implemented
- **Partnership and Decision Making** to better coordinate and communicate across government sectors, stakeholders & the public.

White Paper 2 -Test Concepts

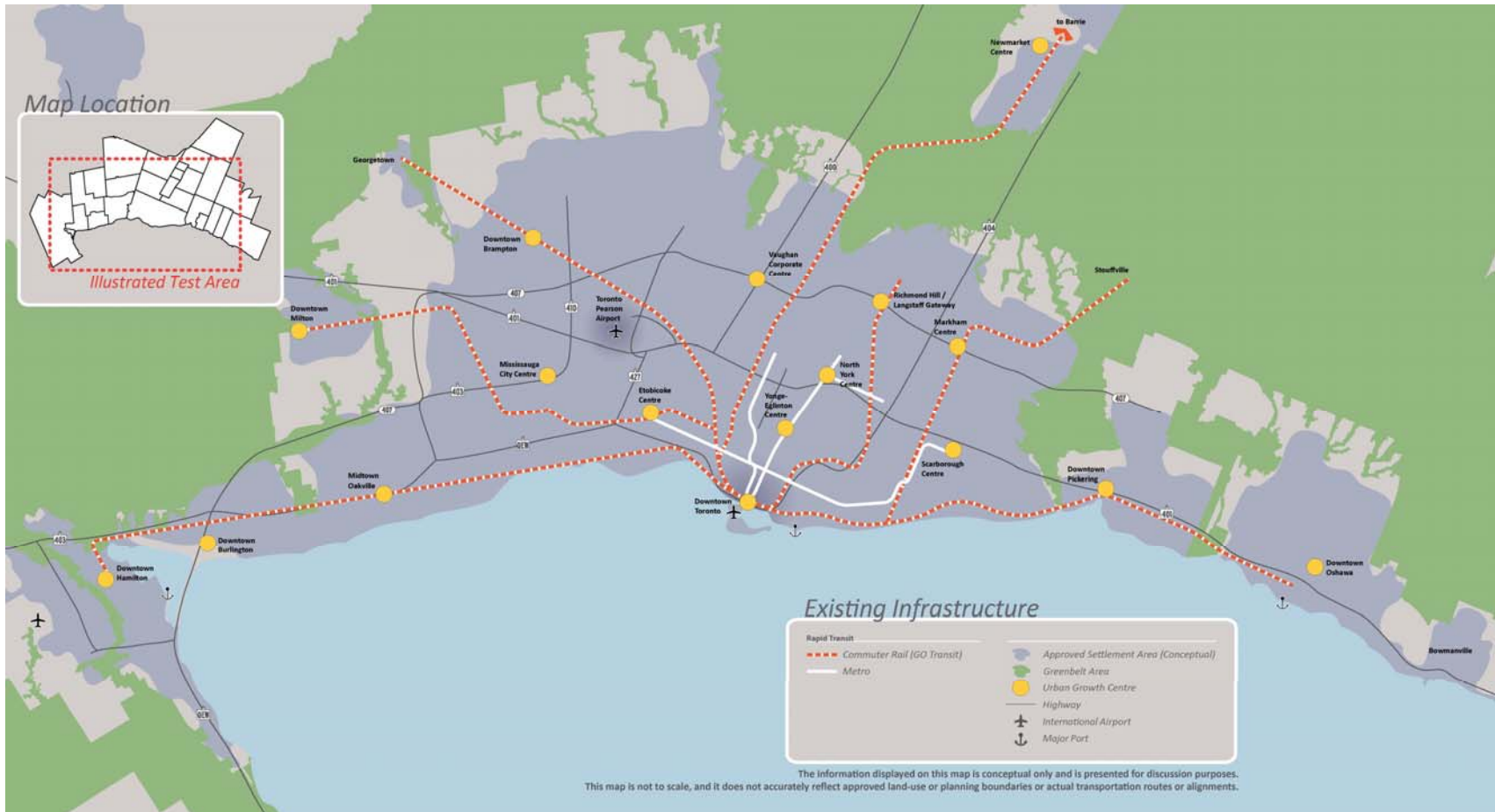
Test Concepts modelled are not mutually exclusive:

- Business-as-Usual
- Linear
- Radial
- Web

Model methodology:

- Based on MTO GGH model
- Assumes *Growth Plan* forecasts, planned highway and roads improvements, 100% increase in marginal auto operating, increased parking costs, stable transit fares, faster service.

Existing Transportation Network

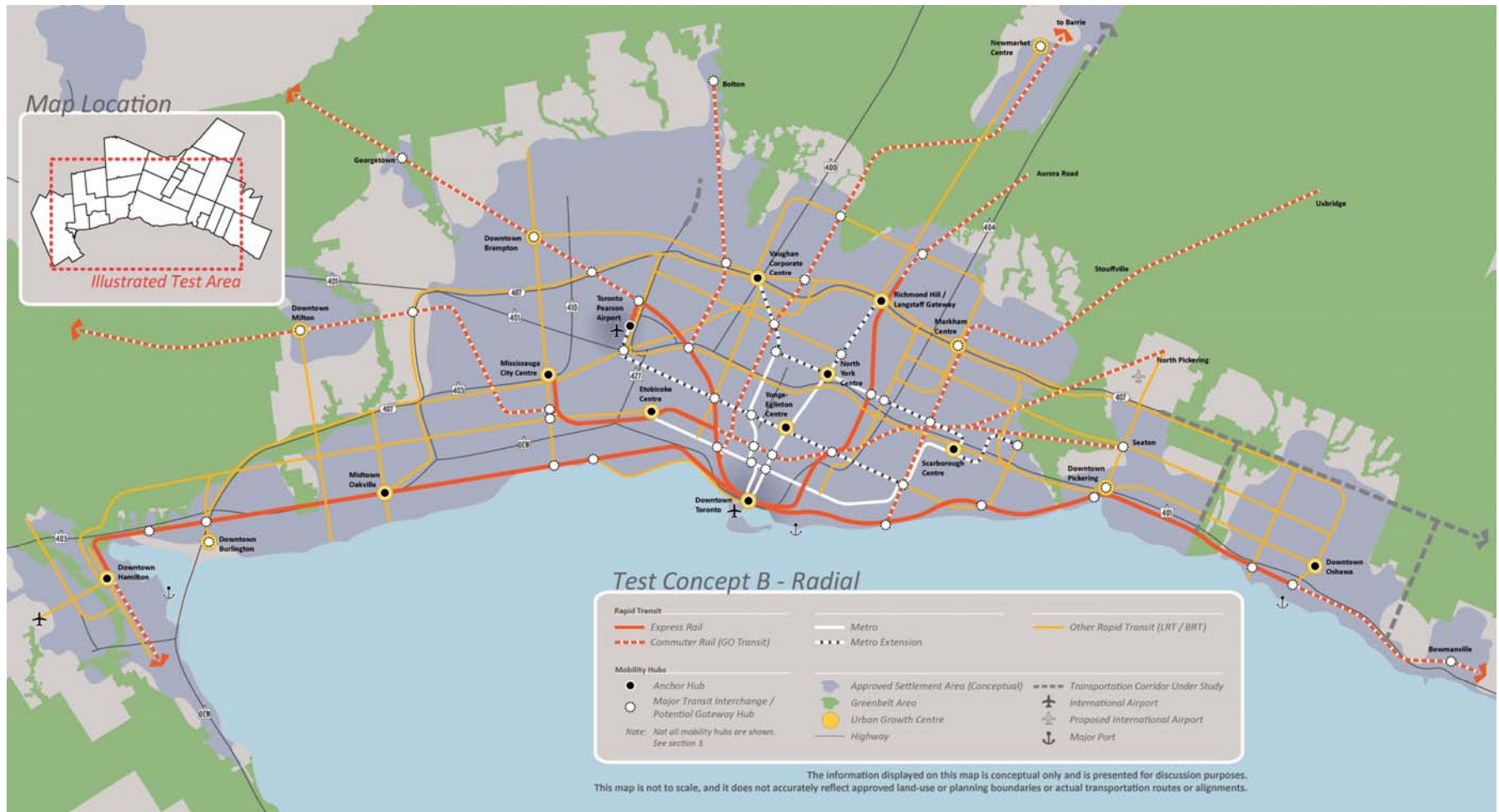


Test Concept A - Linear



Based on MO2020 with additions to complete connections, fill system gaps and address growth beyond 2020

Test Concept B - Radial



Builds on Test Concept A by strengthening radial corridors radiating from Union Station, with Regional Express (REX) a major component of the concept

White Paper 2 – Preliminary Estimates

Capital Cost Estimates

	BAU	Test Case A	Test Case B	Test Case C
Rapid and Local Transit	5	40	60	75
Regional Roads and Provincial Highways	15	20	15	15
Total *	20	60	75	90
Annual **	0.8	2.4	3.0	3.6
Per capita (in \$)	93	279	349	419

Transit Operating Estimates

	2006	BAU	AS Plan	Radial	Web
Transit Operating costs (in billions of 2006 dollars per year)	1.6	2.1	2.6	3.3	3.8

Preliminary Observations

A comprehensive approach needed: Combination of bold investment, coordinated transportation and land use planning and supporting policies are needed to achieve economic, social and environmental goals

Transit ridership increases are most significant when combined with aggressive land use intensification in corridors and mobility hubs

Greater transit use/efficiency is achieved with fewer and larger mobility hubs, rather than distributing over a more dispersed area

White Papers - Consultation

6 regional multi-stakeholder meetings:

- Durham - Oshawa Mon. May 26
- Hamilton Thurs. May 29
- Halton - Burlington Wed. June 4
- Toronto Fri. June 6
- Peel - Mississauga Tues. June 10
- York - Markham Thurs. June 12

TAG meeting scheduled for May 28

Ongoing meetings with municipalities and key stakeholders

Next Steps

- Synthesis of stakeholder input
- Draft RTP (July 08)
 - More detailed modelling and analysis
 - Consultation including public meetings
- Coordination w/ Investment Strategy
- Final RTP (Fall 08)