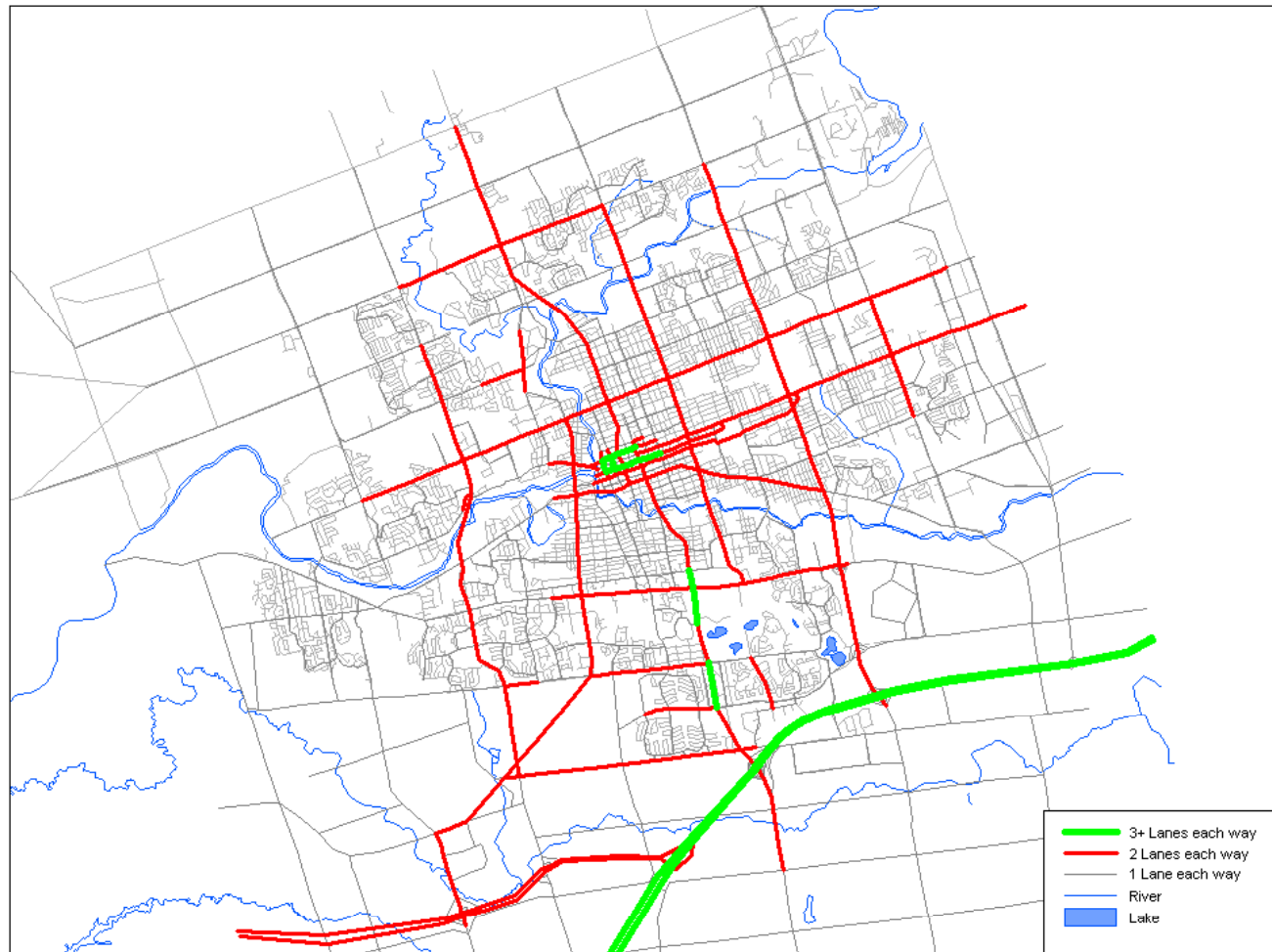


Presentation Outline

- What is a Transportation Master Plan;
- The Transportation Master Plan process;
- Examples of Transportation Master Plan visions and issues;
and
- Transportation Master Planning in London.

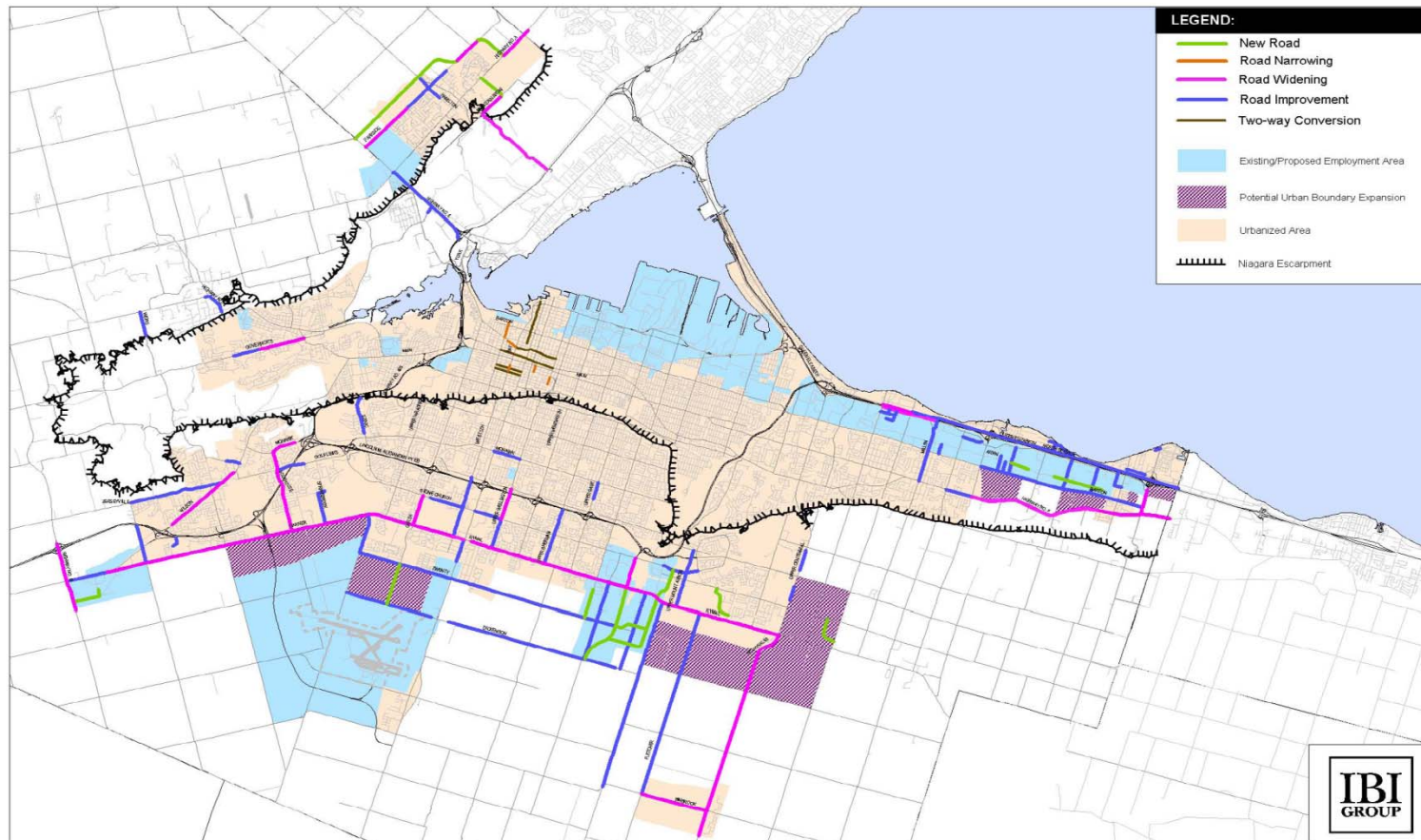
What is a Transportation Master Plan?

- Big Picture Strategic Planning;



What is a Transportation Master Plan?

- Big Picture Strategic Planning;
- For Decision-Making and Priority Setting;



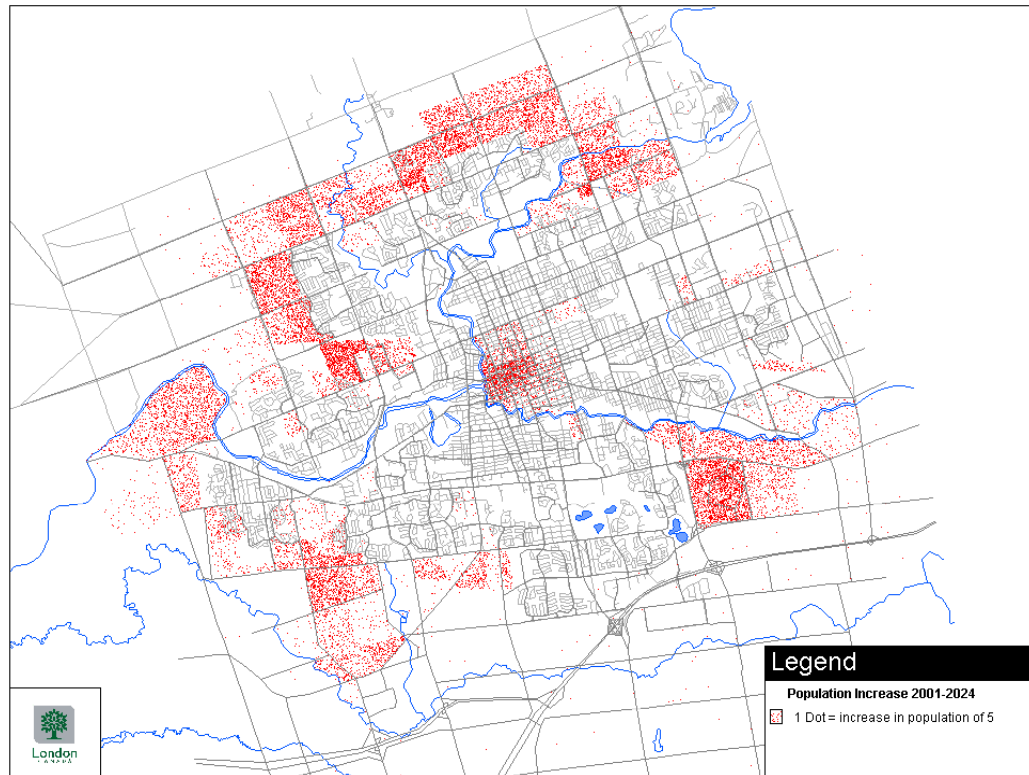
What is a Transportation Master Plan?

- Big Picture Strategic Planning;
- For Decision-Making and Priority Setting;
- Multi-Modal;



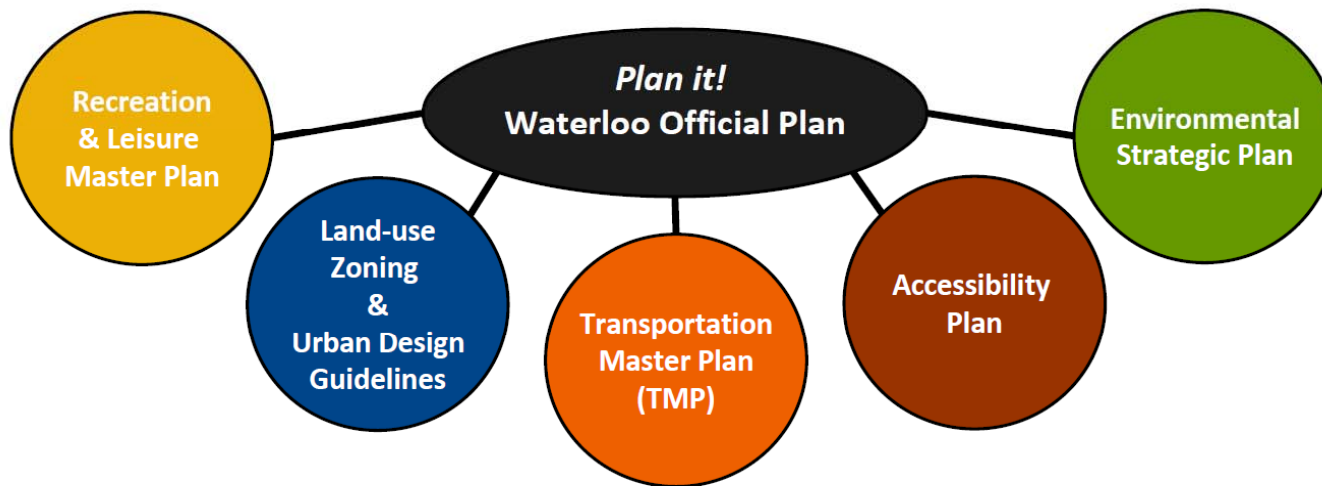
What is a Transportation Master Plan?

- Big Picture Strategic Planning;
- For Decision-Making and Priority Setting;
- Multi-Modal;
- Long Range 20 Years;



What is a Transportation Master Plan?

- Big Picture Strategic Planning;
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- Aligned with Official Plan and Other Plans; and



What is a Transportation Master Plan?

- Big Picture Strategic Planning;
- For Decision-Making and Priority Setting;
- Multi-Modal;
- Long Range 20 Years;
- Aligned with Official Plan and Other Plans; and
- Package of Actions.

The Transportation Master Plan Process



The Transportation Master Plan Process

1. Establish Vision, Goals, Objectives and Strategic Directions

London 2030 Draft Transportation Master Plan Directions:

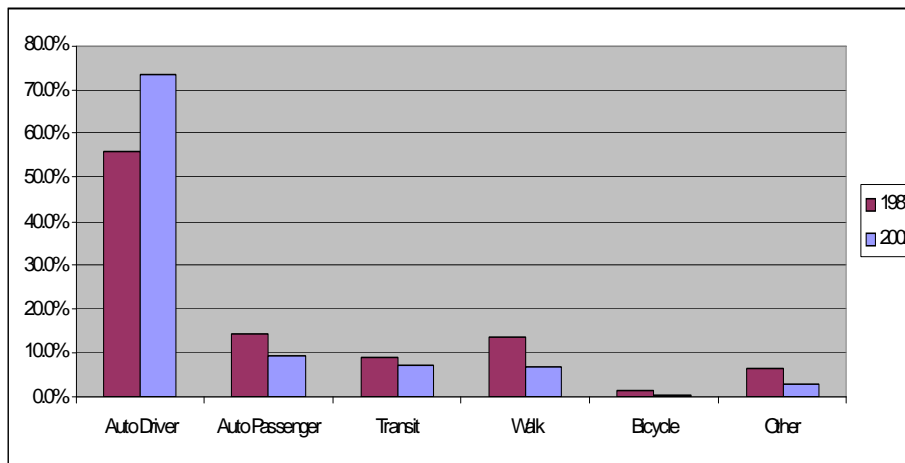
Source: AECOM

- Strengthen Policy Support (i.e. Active Transportation, Transportation Demand Management);
- Promote Sustainable Travel for All Travel Periods (57% of Weekday Travel occurs in Peak 6 Hour Period);
- Target Commuter Travel;
- Target School Travel;
- Increase Investment in Active Transportation Infrastructure;
- Downtown Parking Strategy; and
- Use Land Use Planning to Support Transit, Active Transportation and Transportation Demand Management.

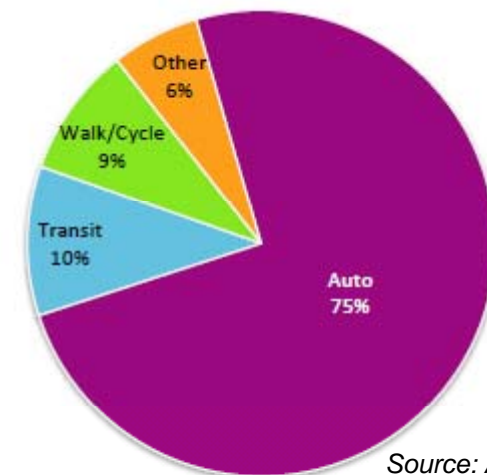
The Transportation Master Plan Process

2. Establish Existing Conditions;

- Roadway Traffic and Level-of-Service
- Transit Service and Mode Share
- Cycling Routes and Facilities
- Trail Routes and Facilities
- Transportation Demand Management Initiatives (i.e. parking supply and cost, ride-share programs)



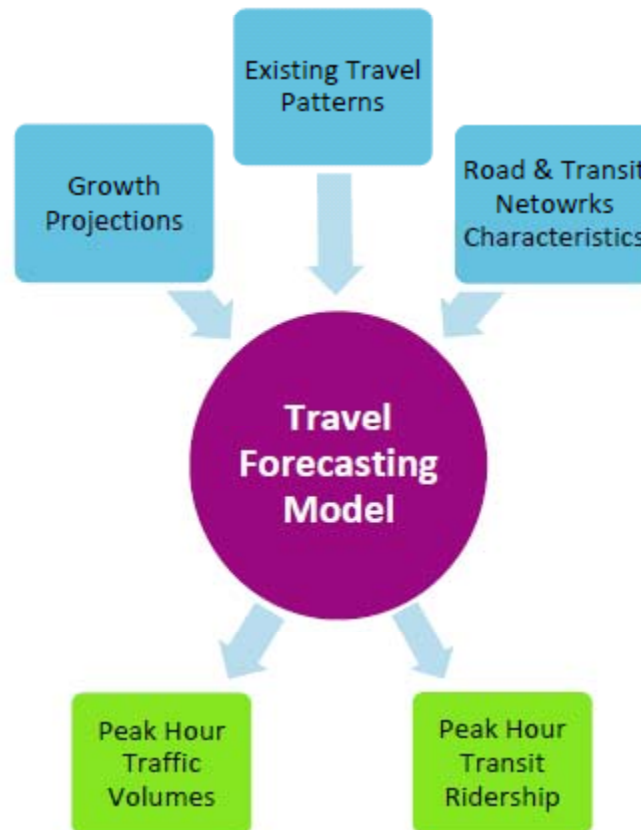
Base 2030 Mode Shares



Source: AECOM

3. Forecast Future Travel Demands

- Travel Demand Forecasting Model



Source: AECOM

4. Establish Future Strategic Alternatives and Transportation System Needs

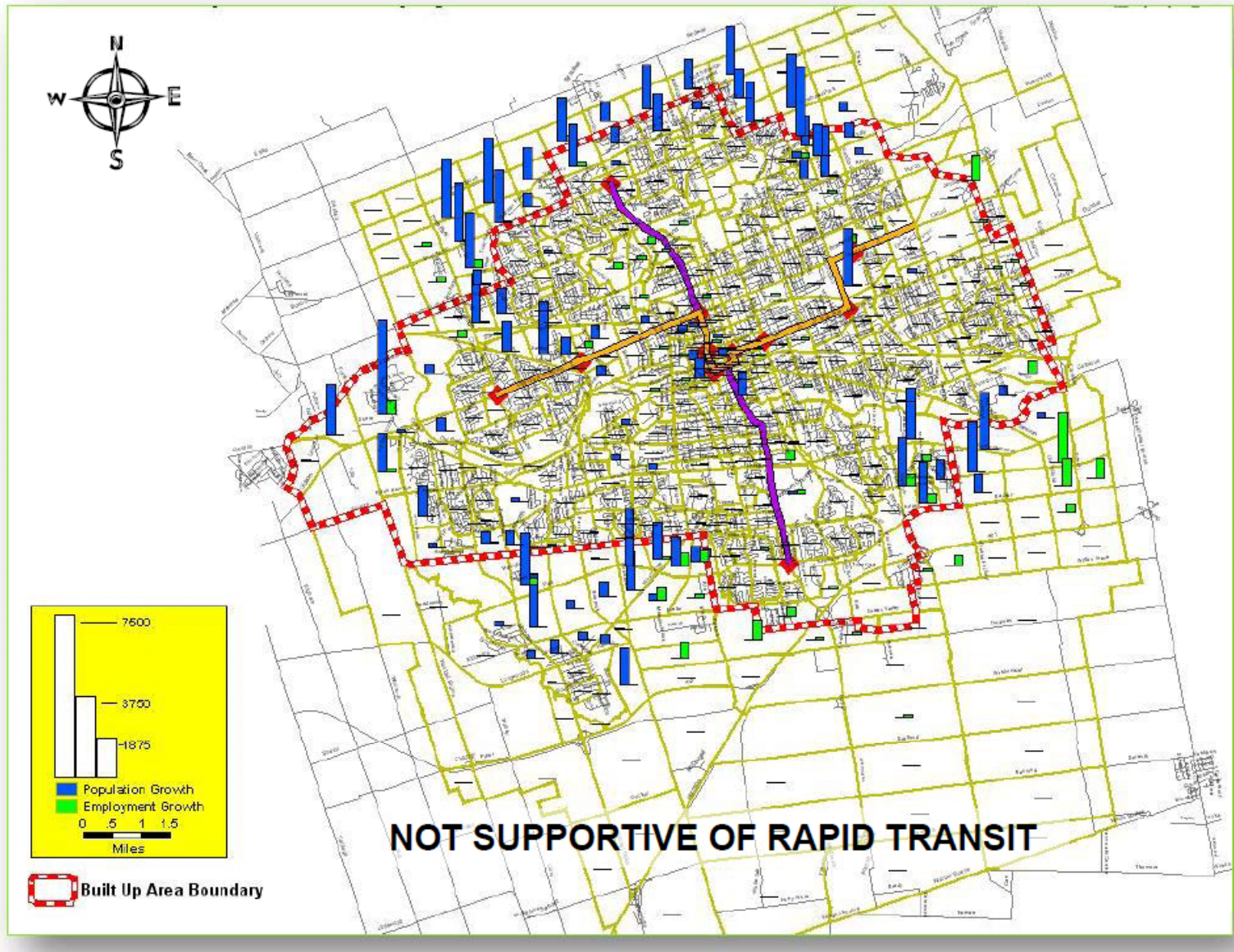
- Three future scenarios for London

Source: AECOM

1. Scenario #1: Business As Usual

- 70,000 more residents
- 37,000 more housing units
- 22% built in existing built-up areas
- 78% outside in greenfields.

The Transportation Master Plan Process



Source: AECOM



IBI Group

Macro Level Transportation Planning – April 26, 2011

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The Transportation Master Plan Process

- Three future scenarios for London

Source: AECOM

1. Scenario #1: Business As Usual
 - 70,000 more residents
 - 37,000 more housing units
 - 22% built in existing built-up area.
2. Scenario #2: 40% intensification with 1% annual growth rate; and
3. Scenario #3: 40% intensification with 2% annual growth rate.

5. Transportation Master Plan Preparation and Implementation

- Implications for Road Network Improvements, Active Transportation and Transportation Demand Management: *Source: AECOM*

Initial road network assessments need to be confirmed and detailed at a corridor level in the final study phase.

Road improvements will be needed not just to manage congestion, but also to provide advantages to transit.

Within the Downtown, existing lanes will need to be dedicated along BRT routes.

Beyond the Downtown, road widenings will be needed to provide exclusive transit lanes along BRT routes.

Walking and cycling networks will need to be strengthened and better integrated with transit, particularly the proposed BRT network.

TDM, including parking management, is an important policy lever available to the City in combating congestion.

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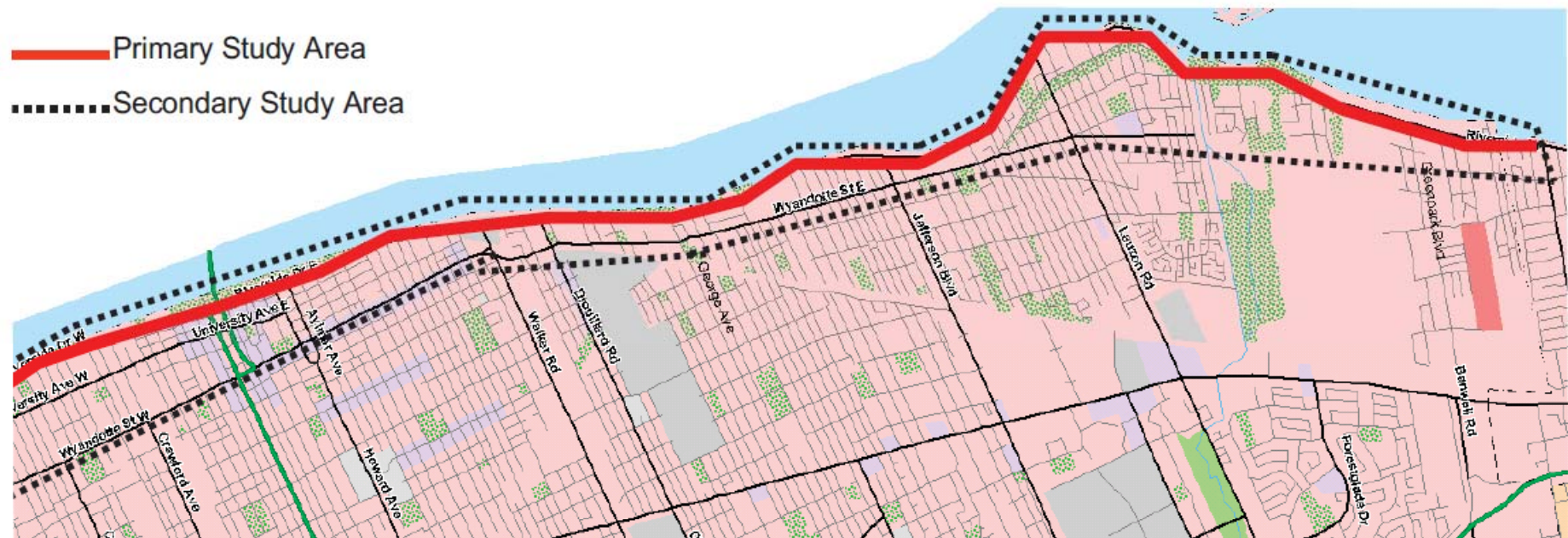
Examples of Transportation Master Plan Visions and Issues



Examples of Transportation Master Plan Visions and Issues

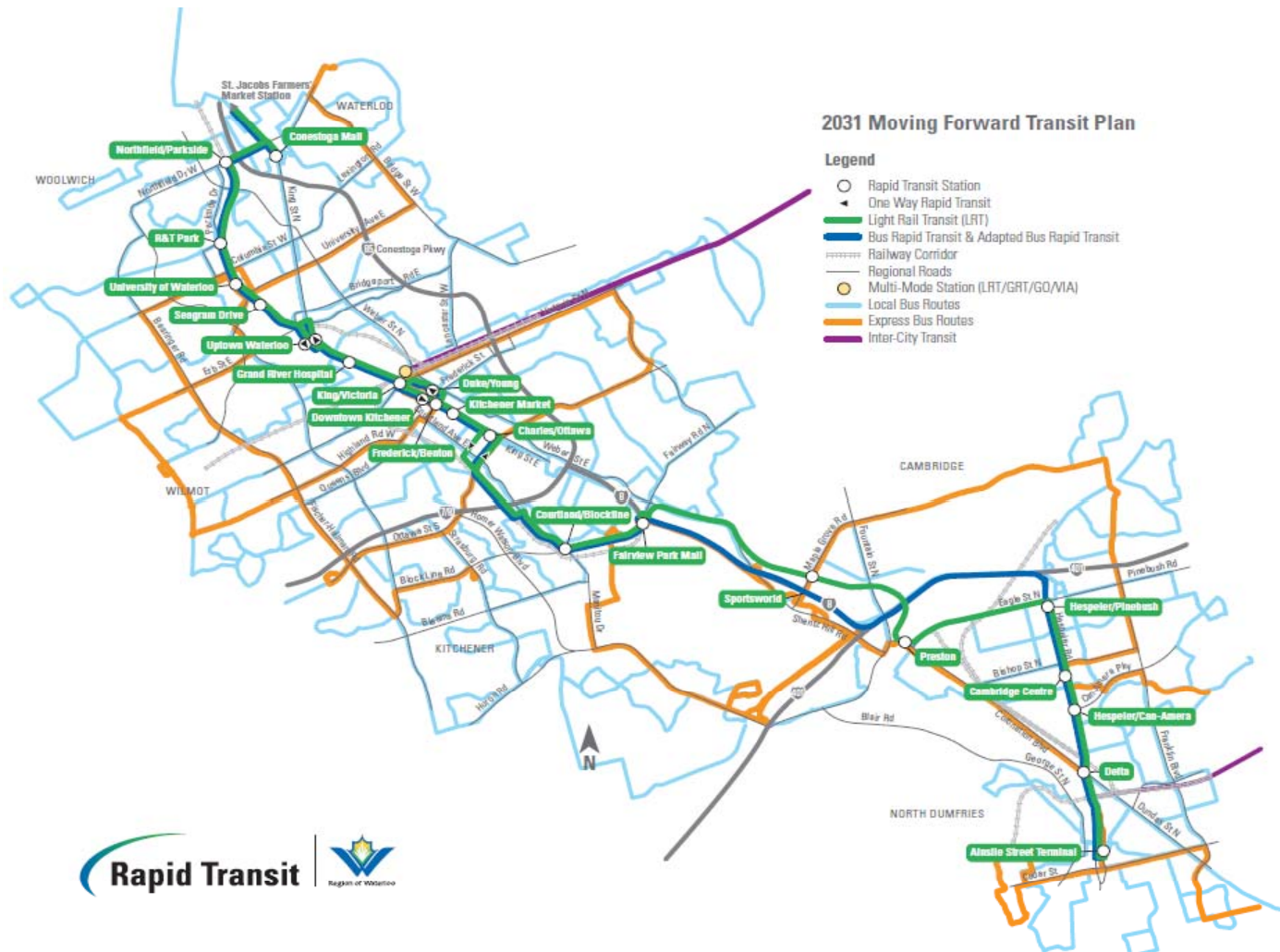
Windsor Area Long Range Transportation Study (WALTS) 1999

EXHIBIT 1-1 – STUDY AREA



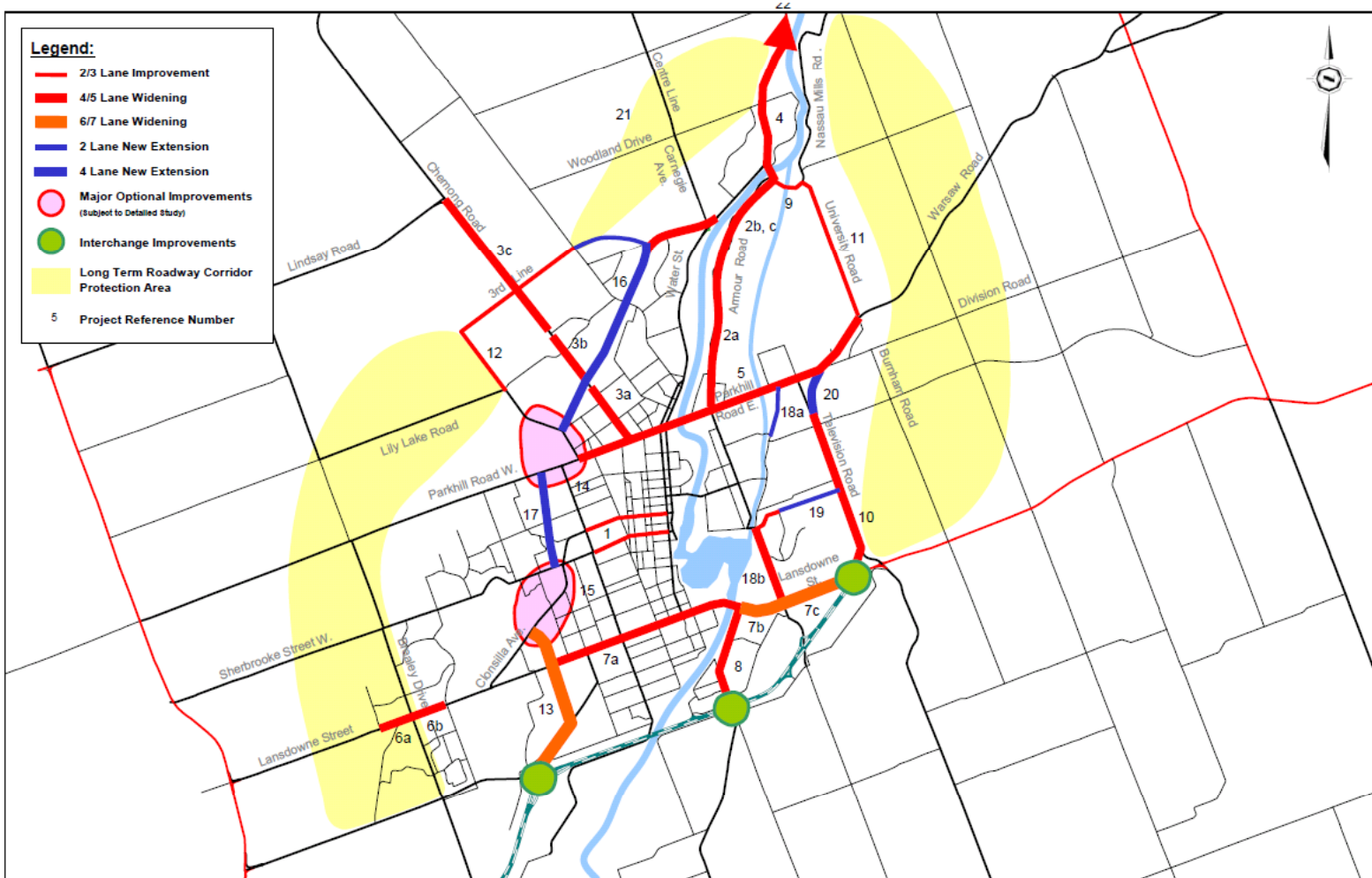
Examples of Transportation Master Plan Visions and Issues

Region of Waterloo Transportation Master Plan (2010)



Examples of Transportation Master Plan Visions and Issues

City of Peterborough Comprehensive Transportation Plan Update (2002)



Transportation Master Planning in London



Transportation Master Planning in London

London Urban Transportation Study I - 1970's;

London Urban Transportation Study II - 1980's;

London Transportation Plan Review - 1994

London Transportation Plan Update - 2004

Towards a More Sustainable Transportation System in London - Current

