NIAGARA REGION
TRANSPORTATION STRATEGY
UPDATE - 2011

TSSC Meeting
January 18, 2011
Transportation Strategy – 2002

Past 5 Years Key Developments
- Province/ MTO
- Regional
- Municipal

Niagara in Transportation Context

2010 Strategy
- Directions
- Initiatives
- Objectives
• Travel and Commuting
• Economic Growth
  • Planned Land Use
• Quality of Life
• Environmental Stewardship

• Travel & Commute to Surrounds
• International Trade
• Destination Access
  • Tourist
  • Recreational
• Travel Choice
### 2002 Strategic Initiatives

<table>
<thead>
<tr>
<th>Road Systems</th>
<th>Alternate Modes</th>
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<tr>
<td>Mid-Peninsula Transportation Corridor</td>
<td>Bicycle and Pedestrian Systems</td>
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<td>QEW Corridor</td>
<td>Railway Networks</td>
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<td>Highway 406 Corridor</td>
<td>Niagara Transit Systems</td>
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<td>Arterial Roads System</td>
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<td>International Bridges</td>
<td>Inter-Regional Rail-Bus-Ferry</td>
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<td>Niagara Airports</td>
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Policy/ Strategy context

- Greenbelt Plan – 2005
- Places to Grow – 2006
- Metrolinx RTP – 2008
- MTO – Southern Highways Program (2008-12)
- GO Rail 2020
- TDM partnerships – 2009
- NHS-HIP Plan - 2009
Infrastructure Improvements

• QEW Widening
• Hwy 406 Widening
• GO Service Expansion
  • Bus
  • Weekend Rail and Summer Trains
• EA’s
  • NGTA Study
  • GO Rail Expansion
• Carpool Lots
• St. Catharines - New Health Care Complex
KEY DEVELOPMENTS …
REGIONAL

Policies/ Programs/ Strategy

• Roadways Allowance Policies – 2005
• Bikeways Master Plan – 2005
• Regional Policy Plan Amendments – 2007
• Niagara 2031 GMS – 2009
• NEDC Economic Development Strategy – 2009
• TDM Framework Development – 2010
• Active Transportation Network initiatives
• Bikeways cost sharing
• Ports Marketing
Studies

• Roads System Sustainability Review – 2009
• Niagara Economic Gateway and Zone Center Study – 2009
• Airports – Regional Role – 2009
• Inter-Municipal Transit Enhancements – 2009-10
• TDM Framework Development – 2010
• EA’s – ongoing
  South-Niagara EW - 2009
  New IC on Hwy 406 - 2010
  Glendale-QEW-Hwy 405 – 2010
• Niagara Neighborhood Profiles
Infrastructure/ Asset Improvements

- Regional Roads major widening & improvements
  - Fourth Avenue/ McLeod/ RR 20/ Martindale
- Bridges
- NST Services
- Bike Lanes
- NDA Airport Improvements
- GIS database Implementation
- Signal improvements
- Emergency Detour Route Signage
KEY DEVELOPMENTS ... MUNICIPAL

- WSCT Study – 2006
- Western Hill Revitalization Study (in progress)
- St. Catharines TMP (in progress)
- Niagara Falls TMP (in progress)
- CIP’s
- People Mover Project
- Model Bikeways Policies (in progress)
2010 Strategic Directions

- Quality of Life
- Travel & Commute to Surrounds
- Destination Access - Tourist - Recreational
- International Trade
- Travel Choice
- Travel and Commuting
- Economic Growth
- Planned Land Use
- Environmental Stewardship
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<td>• Travel Demand Management</td>
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<td>• ITS &amp; Soft infrastructure</td>
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2010 STRATEGIC OBJECTIVES

Provincial Road Systems

QEW-Hwy 406 link:
• Synergy between NGTA Route Planning and the South Niagara EW Studies Gateway Economic Zone Centre Strategy
• Pursue Regional interest in expansion of the NTGA route west of Hwy 406 linking ‘Hamilton Transportation Corridor’

QEW Expansion:
• Improvements to the Garden City Skyway
• Role as entrance to the Niagara Tourist Area
• Support development of the Canadian Motor Speedway
• Widening between – Mountain Rd and McLeod Rd

Hwy 406/ Hwy 140 Expansion/ Widening
Regional/ Municipal Road Systems

- Complete Streets concept
- Crossing of barriers e.g. Welland Canal, 12 Mile Creek
- Grade separation for major rail lines
- Intersections rework on regional roads
  - more pedestrian friendly
  - narrower
2010 STRATEGIC OBJECTIVES

Transit, and GO Bus/Rail Systems

• Work collaboratively with the municipalities to implement Inter-Municipal Transit Service concepts of Triangle Service/Feeders/ and Rural Demand response.
• Integrate transit services for municipal, and inter-municipal with the GO Transit and other inter-regional services
• Development of Nodes and corridors
• GO Bus services expansion along Hwy 406
• GO Rail weekday services implementation sooner than later
• GO Rail services expansion to Fort Erie and link Empire Corridor USA
• Collaborate with Seaway for commuter train crossings
Bicycle, Pedestrian & Active Transport Systems

• Prioritize implementation of the Bikeways network
• Integration of bikeways and trails provided by Region, Municipalities and Park Authority
• Active Transportation Networks – walkable communities, embrace the concept of complete streets
• Youth Travel
• School Travel
2010 STRATEGIC OBJECTIVES

Travel Demand Management

• Integration of land use and transportation planning
  • strategy must work towards reducing dependency on automobile
• TDM - how does it fit in?
• Car Pool Lots - inventory, leverage in TDM
• Assist in development of TDM Policy
• Engage stakeholders for effective TDM
  • Large public and private sector employers

Airports

• Review of Regional Role in the Airports
• Develop Marketing Strategy with respect to the Niagara Airports
2010 STRATEGIC OBJECTIVES

Rail

• Link to the Empire State Corridor (New York, USA)
• Improve direct rail freight services to the industries and businesses of Niagara
• GTAH to Niagara to Buffalo CP Rail Line connection
  - Explore opportunities for existing assets utilization with short-line Rail operators (Trillium)

Ports

• Marketing of Welland Canal and surrounding infrastructure assets
• Gateway Economic Zone and Centre
2010 STRATEGIC OBJECTIVES

International Bridges

• Increase capacity to facilitate easy flow of traffic and trade and tourism
• Facilitate improvements for better connection of pedestrians and bikeways on both sides of the border

ITS & Soft infrastructure

• Facilitate implementation of trip planner and related information technology tools to aid transit services
• Data sharing between Region and Municipalities
• Transportation assets inventory enhancements
Thank You

Questions ....