

# **Transportation Issues 2010 - 2014**

**Engineering Department  
March 8, 2011**

## Overview

- **Significant issues during this term of Council (2011 – 2014) will be before Transportation Committee;**
- **Provide an overview of issues, timing and next steps;**

## Overview

- **Issues relate to;**
  - Transportation Strategy/Policies
  - Transit
  - Road
  - Travel Demand Management
  - Parking Strategy & Implementation
  - Cycling & Pedestrian Implementation
- **Issues are included in Mayors “Building Markham's Future Together”**

## Jurisdiction

- **Provincial**
  - Metrolinx - GTA Transit Plan – Big Move
    - Funding & Prioritization
    - GO Transit
  - Ministry of Transportation - Highway 404
    - Highway 48 N
    - 407 Transitway
  - 407 ETR – Highway 407

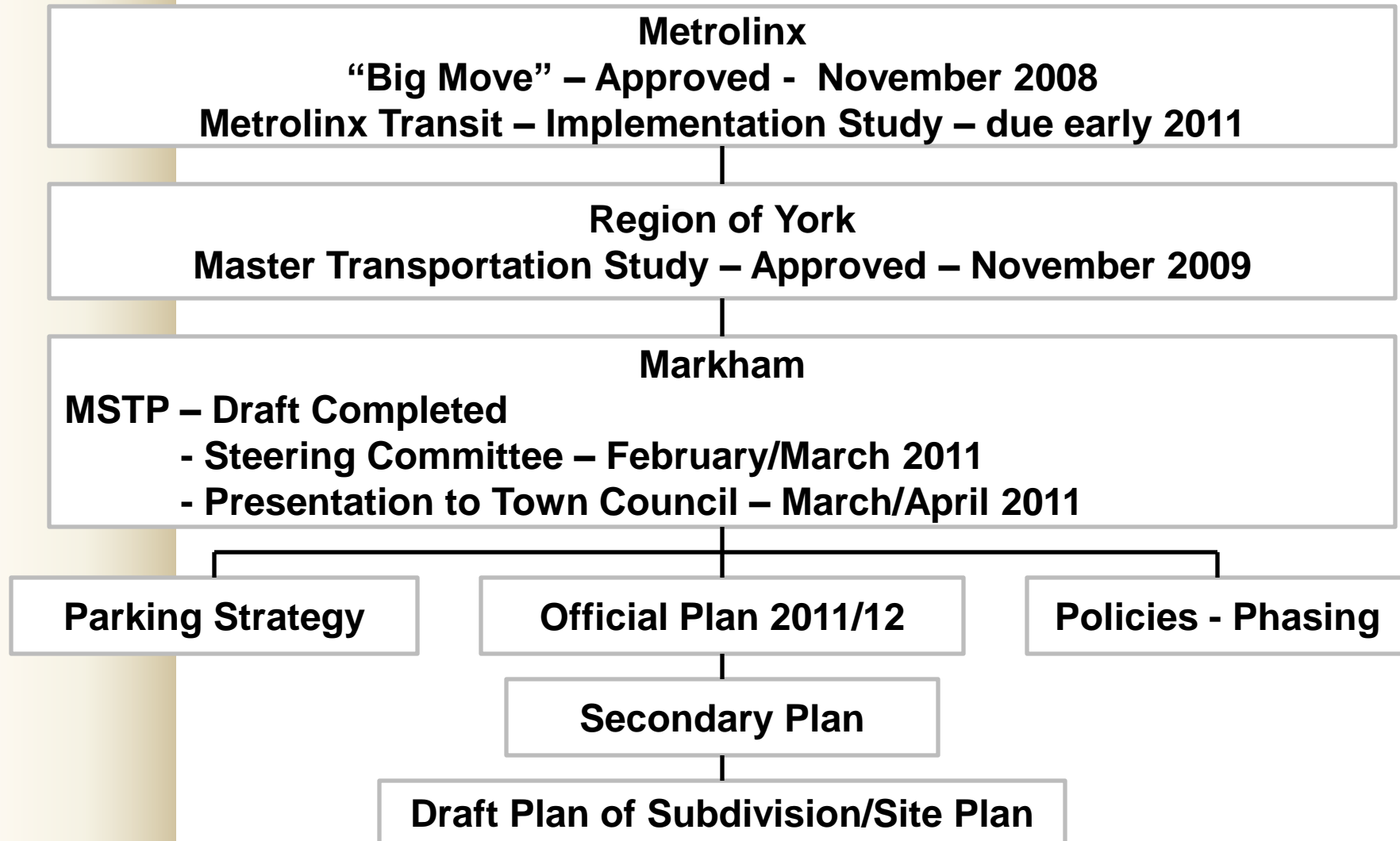
## Jurisdiction

- **Regional**
  - VIVA/YRT Transit Service
  - Arterial Road Improvements
  - Cycling Network – Regional Roads
  - Travel Demand Management – Funding Partner

## Jurisdiction

- **Municipal – Markham**
  - Collector and Local Roads
  - Cycling and Recreational Network
  - Parking Strategy
  - Travel Demand Management
  - Traffic Operations (parking, signal, stop signs)
  - Safe Street Strategy

## Strategy/Polices



# Transit

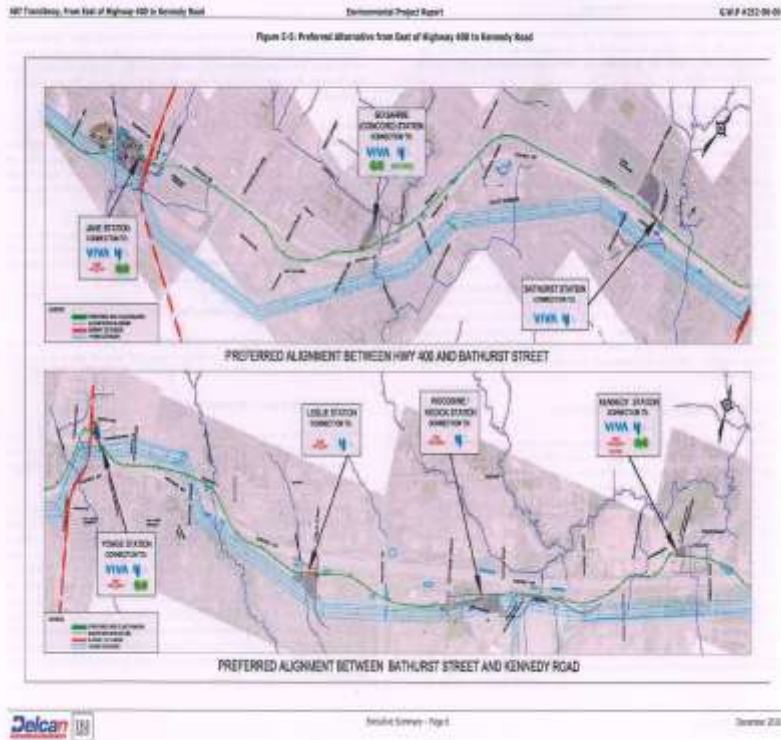
## Yonge Subway



- Finch Ave to Hwy 7 – 7km
- 6 Stations (Cummer, Steeles, Clark, Royal Orchard, Langstaff and Richmond Hill Centre)
- Currently in Metrolinx 15 Year Implementation Plan - \$2.4 billion (not funded)
- Region of York and TTC conceptual design underway - \$3.75 million
- Awaiting funding commitment/schedule from Metrolinx – early 2011
- 9 years to implement (design, construction and commissioning)



## Transit 407 Transitway



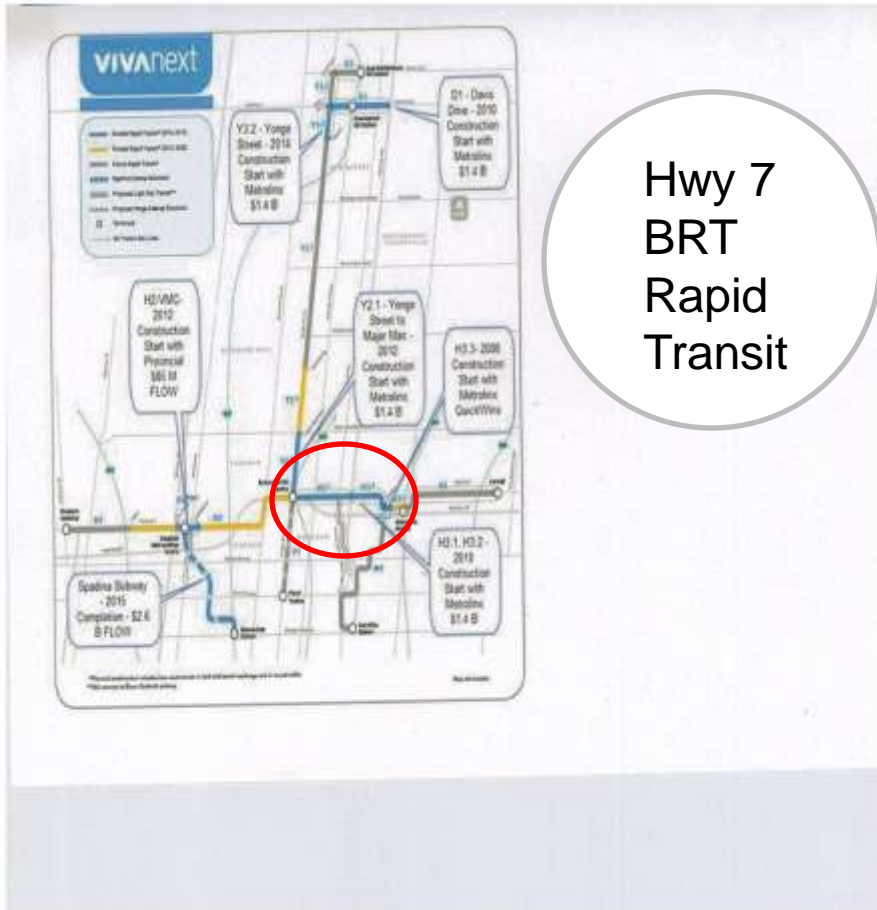
- East of Hwy 400(Spadina Subway) to Kennedy Road (Central segment-Phase 1)
- 23 KM
- Stations at Yonge St, Leslie St, Rodick and Markham Centre
- Cost unknown
- In Metrolinx 15 – 25 year implementation plan
- EA filed – December 2010
- Markham Council November 16, 2010 Report
- Next Steps
  - Meet with Ministry of Transportation and Regional Chair early 2011 re Markham issues

# Transit

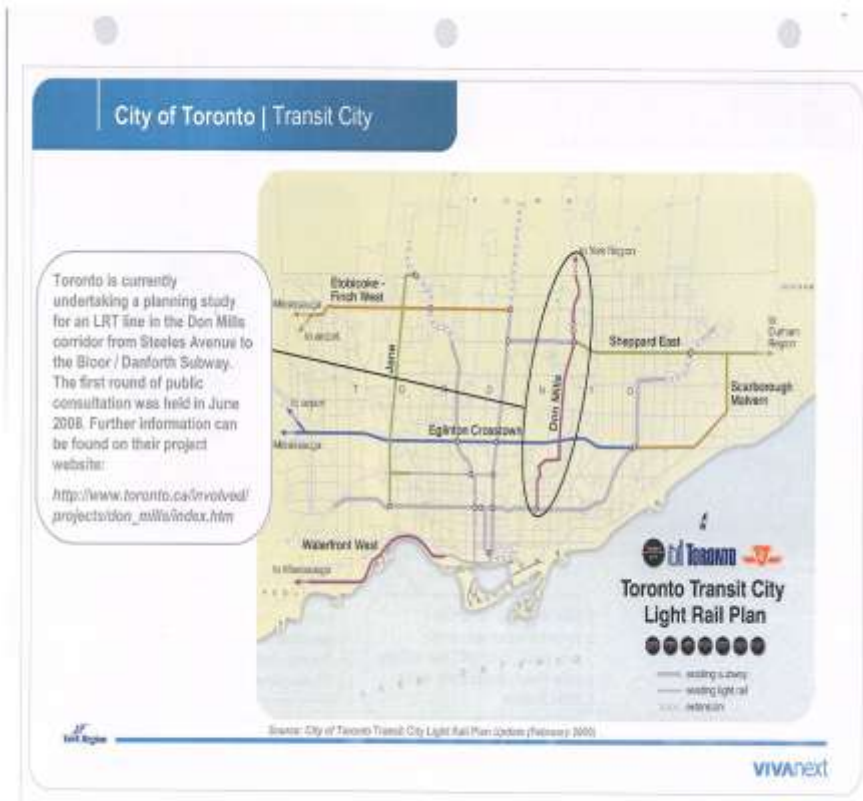
## Hwy 7 Rapid Transit

Hwy 7  
BRT  
Rapid  
Transit

- Yonge Street to Markham Centre
- 7 km – dedicated BRT system
- Funding of \$150 million approved by Metrolinx
- Council approved EA on Nov 2006
- Utility relocation currently under way
- Viva- March, 2011 Update
- **Next Steps**
  - design by spring 2011
  - Construction to start - Spring 2011
  - Completion Fall 2013
  - Staff report to committee –March/ April 2011 (re streetscape and municipal funding requirements)



## Transit Don Mills LRT



- **Toronto/TTC**
  - EA Study from Steeles to Bloor/ Danforth subway station
- **ROY/VIVA**
  - EA study from Steeles Ave to Hwy 7 on hold due to Markham's concerns
- **Next Steps**
  - ROY to review transit line under “Sustainable Travel Choice Study” to start early 2011
  - Update committee/ Council on status

# Markham Centre Mobility Hub



- Calthorpe plan proposed alternative transit hub location
- Council requesting Viva and MTO peer review
- Markham Report, Dec 2010
- Adamson study; further refined transit hub location

## Next Steps:

- Viva, MTO and Go peer review of the Mobility Hub
- Technical working group with stakeholders- Update Council



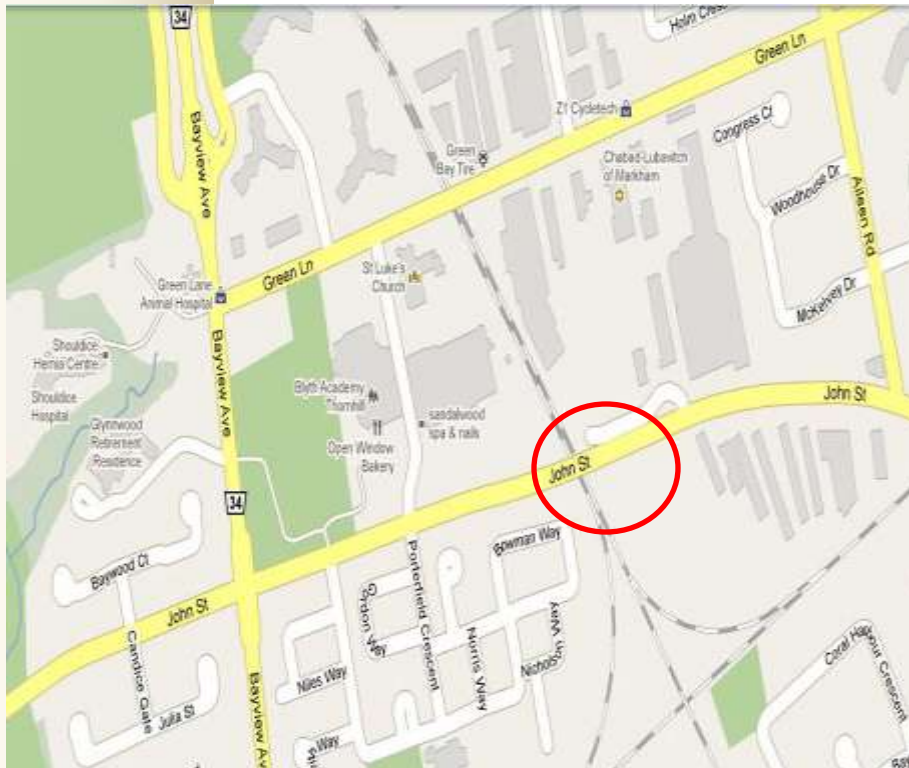
# Langstaff Mobility Hub



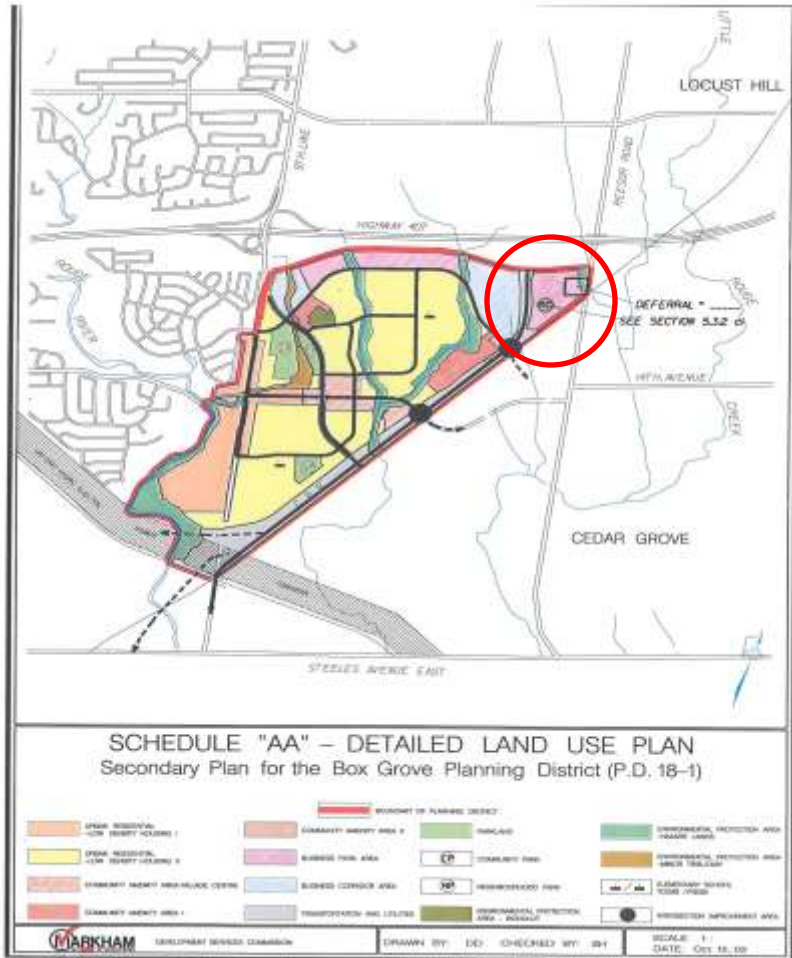
- Markham retained ARUP, March, 2010 to review Mobility Hub and Transit Alignments
- Stakeholders and owners review
- Next Steps:
  - March/ April presentation to committee
  - Review alternatives with stakeholders

## John St. GO Station

- GO transit and Town agreed to Fund Feasibility Study
- GO to commence study early 2011
- **Next Steps**
  - Keep Council updated on feasibility Study



## East Markham Mobility Hub



- Funding approval in 2010 Capital Budget to undertake a study for a mobility hub in the Highway 407/Donald Cousens Parkway area
- Stakeholders (MTO, GO Transit ,VIVA and Landowners)
- **Next Steps**
  - Initiate stakeholders steering group spring 2011
  - Prepare study scope of work and retain consultant
  - Update council as required

# Metrolinx Study

## - Metrolinx Prioritization Study:

The Big Move identified a \$50B transit capital need over the 25- year horizon of the plan and set out three bundles of new transit projects:

- First 15 years, 16 to 25 years and Beyond 25 years

This study is a tool to inform decision- making on unfunded priorities of the Big Move

## - Investment Strategy

- Metrolinx strategy as to funding outstanding projects - 2013

## - Mobility Hub Guideline (Draft)

To guide planning and development at mobility hubs in GTHA.

- **Next Steps:**

- Update committee/Council on study/guideline/funding strategy



## Roads

- **Region of York**
  - **annual ( $\pm$  \$135 million) and 10 year capital program (\$2.1billion)**
  - **Need to be updated based on Growth Management Strategy**
  - **\$400 million in Markham over 10 years**
  - **Key road improvements over next 4 years**
    - Highway 7 – Woodbine Ave to Sciberras Road
    - Warden Ave – 16<sup>th</sup> Avenue to Major Mackenzie Road
    - 16<sup>th</sup> Avenue – Donald Cousens Parkway to East of Reesor Road (Intersection improvements)
    - Donald Cousens Parkway/Major Mackenzie to Highway 48 2015/16
  - **Sustainable Travel Choices Study to be conducted for the following roads:**
    - 16<sup>th</sup> Ave – Highway 404 to Kennedy Road
    - Bayview Ave – Steeles Ave to Highway 407
    - Kennedy Road – Steeles Ave to Highway 7

# Roads

- **Town of Markham**

- Annual and 10 year capital program updates to Council annually - Spring 2011
- ± 35 million per year Capital Program
- Needs to be updated to reflect Growth Management Study and MTSP
- Largely funded by Development Charges
- EA approvals, design and construction could take 3 to 5 years
- Key road improvement over next 4 years:
  - **Birchmount Road**
    - Enterprise Blvd to 14<sup>th</sup> Ave
    - Highway 7 to Enterprise Blvd

## Roads

- **Rodick Road**
  - Miller Avenue to Esna Park Drive
- **Main Street Markham**
  - 16<sup>th</sup> Avenue to Major Mackenzie
  - Highway 7 to 16<sup>th</sup> Avenue
  - Highway 7 to Highway 407
- **Box Grove Collector Road**
  - Highway 407 to 9<sup>th</sup> Line
- **Highway 404 Crossing and Ramp Extension**
  - North of Highway 7
- **Highway 404 Ramp Extension**
  - North of Major Mackenzie Drive

# Parking Strategy

- **Parking – Background**

- Markham Transportation Strategic Plan (MTSP) 2002 – recommended the establishment of a Parking Authority
- 2005 – Markham Centre Parking Strategy prepared
- 2007 – Markham Parking Advisory Committee formed

- **Why a Parking Strategy?**

- Address the oversupply of parking created by the current land use policies and development approvals process
- Increase parking turnover in strategic areas across the Town that are currently experiencing parking supply pressures
- Influence transportation demand and mode choice by providing improved travel options and an optimal parking supply



# Parking Strategy

- **Parking - Current Status**

- **November 2009** – Draft Markham Parking Strategy and Governance presented to Parking Advisory Committee
- **March 2, 2010** – Final Draft - Markham Parking Strategy, Business Plan and Governance recommendations submitted to Parking Advisory Committee
- **April 2010** – Parking Strategy presented to DSC and staff requested to hold a 'Parking Workshop' for members of Council

- **Next Steps**

- Council 'Parking Workshop' – strategy, governance options, standards, business plan, on-street parking issues – April 2011
- Present Final Parking Strategy – Sept 2011

# Transportation Demand Management

- **Background**

- 2002 Markham Transportation Strategic Plan (MTSP) establishes policy framework to implement TDM policies, programs, and services
- Transportation Management Association (TMA) formed in August 2005 – Smart Commute Markham /Richmond Hill
- Town commuter options program on-going
  - 50% discount for Town employees on York Region Transit fares
  - Carpool Zone ride matching
  - Guaranteed Ride Home program offered
  - Telework pilot program
  - Program review to be carried out in 2011

- **Next Steps**

- TDM and Land Development
  - 'Travel (TDM) Plans' required to support development applications
- Elementary School Travel Plan program framework established
- Community based TDM programs
  - Special events parking management
  - 2010/2011 Residential Pilot Program with Region of York in Cornell
- Smart Commute Markham/Richmond Hill Business Plan Recommendation - March 2011

# Cycling, Pathways and Trails Master Plans

- **Background**

**April 2010** - Master Plans endorsed by Council

**May 2010** - 5 Year Implementation Program – reviewed and endorsed by Cycling and Pedestrian Committee and Council

**Nov. 2010** - Toogood Pond to Bob Hunter Park MUP review approval  
- Commenced January 2011

**Dec. 2010** - Endorsement of the 5 Year Implementation Program  
- Council requested staff review opportunities to advance implementation

- **Next Steps**

- Environmental Assessment for the Toogood Pond to Bob Hunter Park Multi-use Pedestrian Pathway underway and scheduled to be completed late 2011
- Phasing and funding strategy for 5 year Implementation Program to be prepared – Council Directed - June 2011
- Cycling and Pedestrian Advisory Committee (CPAC) annual business plan to be presented to DSC - March 2011