



## Mississauga Bus Rapid Transit Project



# PUBLIC INFORMATION CENTRE

## MAY 2010



# WELCOME

## ***The Mississauga Bus Rapid Transit (BRT) Project***

Thank you for attending this Public Information Centre.  
We welcome your input on design issues for this project.

Please sign in at our registration table.

**The purpose of today's session is to:**

- Provide Mississauga Bus Rapid Transit (BRT) project background and context
- Describe the current project and explain where we are in the design and construction process
- Present the final design of the busway and stations
- Present the next steps towards implementation of the project.



# WHAT IS BUS RAPID TRANSIT?

Bus Rapid Transit (BRT) is an integrated system for moving people by bus using dedicated road rights-of-way, called busways, for the operation of bus services.



To maximize flexibility and reduce the need for transfers, stations are placed at key points along the busway where passengers can connect to other modes of travel (e.g. cycling, local bus, etc).

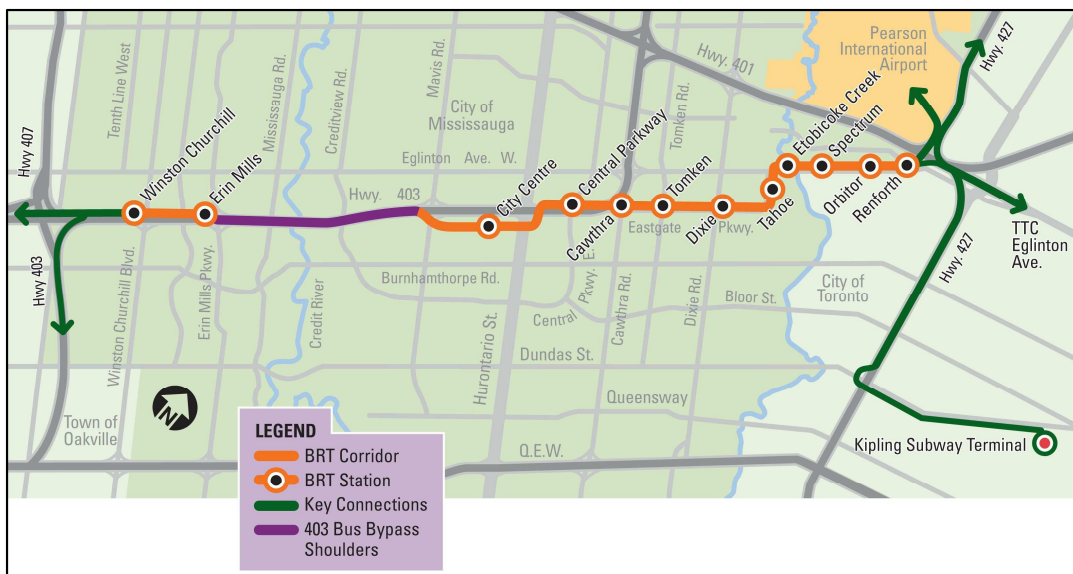
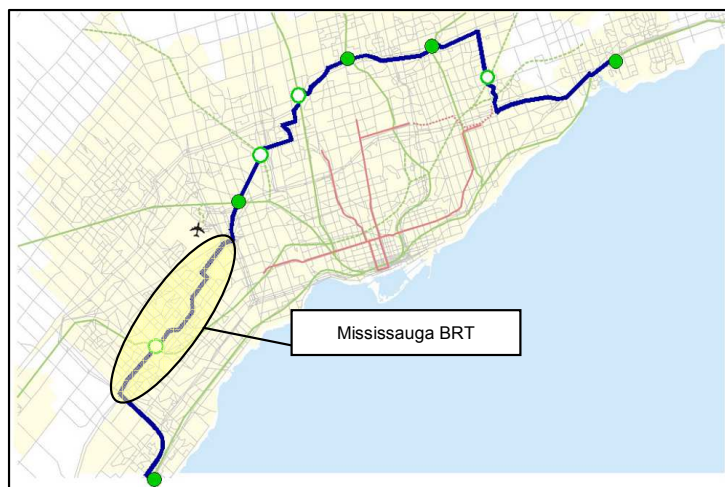






# MISSISSAUGA'S BRT

- The BRT system will improve the quality of life for those living and working in Mississauga.
- The Mississauga BRT system was originally planned in the early 1990's to respond to forecast travel demand within and through the City of Mississauga.
- The Mississauga BRT system is part of a Greater Toronto Area-wide GO, A Division of Metrolinx, initiative to create a high-efficiency east-west busway which will span from Oakville to Pickering.
- Mississauga's portion of this BRT system will cover approximately 18 kilometres
- The City Centre Transit Terminal and the Highway 403 Bus Bypass Shoulders were built in the 1990's as part of the BRT program.
- The BRT plan was updated in 2003 through the EA process to respond to changes in land use and demand forecasts.

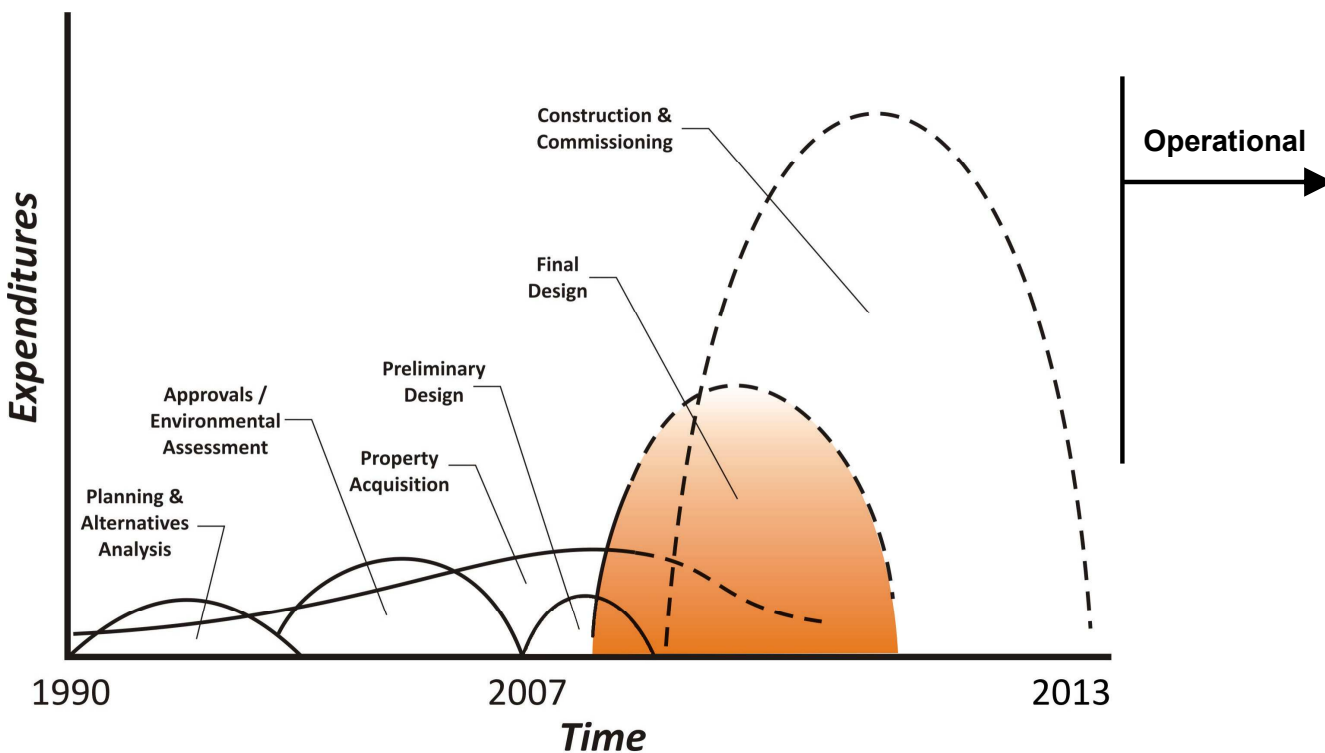






# PROJECT TIMING

- Inter-Urban Transit Corridor Identified (1978)
- Mississauga Transitway Planning Study / Provincial EA Approval (1993)
- Highway 403 HOV Bus By-Pass Shoulders (2003)
- Provincial EA Addendum (2005)
- Commitment of Provincial Funding (2006)
- Commitment of Federal Funding (2007)
- Preliminary Design (2007-2008)
- Federal Environmental Assessment (2007-2008)
- Provincial Environmental Assessment Addendum (2008-2010)
- Final Design (2008-2011)
- Construction (2010-2013)
- Opening Day (2013)





# APRIL 2008 PUBLIC MEETING FOLLOW-UP

- Two public meetings for the Mississauga BRT were held in April, 2008. More than 100 people attended the meetings. Many ideas were put forward around four questions:
- ***“What can be done to maximize Mississauga Transit ridership?”***

|                                 |                       |
|---------------------------------|-----------------------|
| ■ Station amenities             | ■ Transit service     |
| ■ Bus amenities                 | ■ Fare system         |
| ■ Cycling / Pedestrian features | ■ Additional stations |
- ***“What are the strengths and weaknesses of the station design concepts?”***
  - Strengths
  - Weaknesses
  - Suggested improvements
- ***“What issues / concerns do you have about the Mississauga BRT system?”***

|                                 |                                  |
|---------------------------------|----------------------------------|
| ■ Station amenities             | ■ Service / Fares / Connectivity |
| ■ Bus amenities                 | ■ Additional stations            |
| ■ Cycling / pedestrian features | ■ Technology                     |
| ■ Environmental                 | ■ Visual appeal                  |
| ■ Safety / Security             |                                  |
- ***“Any other suggestions?”***
  - Various
- Where possible, the comments and suggestions were incorporated or addressed. Some comments relate to issues beyond the scope of the preliminary design study, and will be addressed by others as appropriate.
- Additional public information centres were held in June, 2008 as part of the EA Addendum process for five specific sites in the corridor. Approximately 45 residents attended the June drop-in centres. Residents' concerns focused on the site-specific changes to the plans, and their comments have been taken into account in finalizing the plan in the affected areas.
- In October 2008, the City of Mississauga held another series of Public Information Centres to present the preliminary design for the Mississauga BRT. Approximately 60 people attended over two nights.



# EA COMMITMENTS

- The City of Mississauga and GO, A Division of Metrolinx, committed to implementing measures and/or carrying out additional studies to mitigate impacts associated with the BRT.
- The following is a summary of the key commitments that have been made and are addressed in the final design of the BRT:
  - Implement landscaping/visual screening of above-grade sections of the BRT;
  - Impacts to watercourses/fish habitat are minimized by crossing at expanded existing crossings;
  - Impacts to existing vegetation to be addressed through restoration/compensation where possible, and supplemented by new plantings elsewhere;
  - Stations designed by applying principles of Crime Prevention Through Environmental Design (CPTED) and through consultation with emergency services to maximize user safety;
  - Impacts to existing utilities minimized by modifying alignment of BRT;



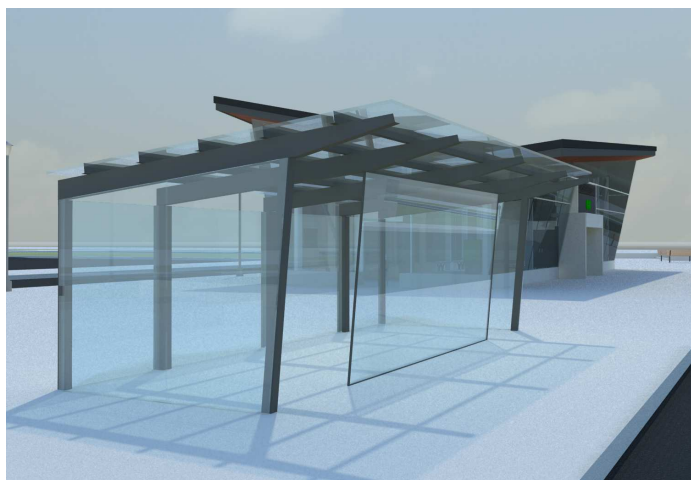
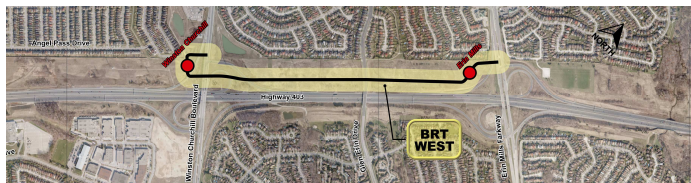


# BRT WEST STATION



## KEY PLAN

BRT West station sites





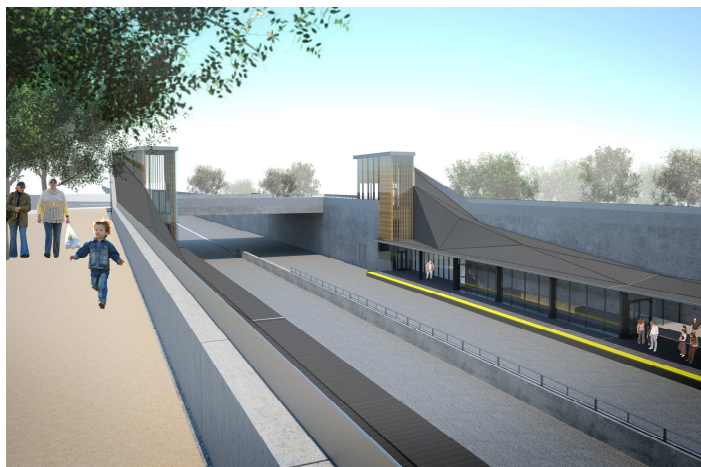
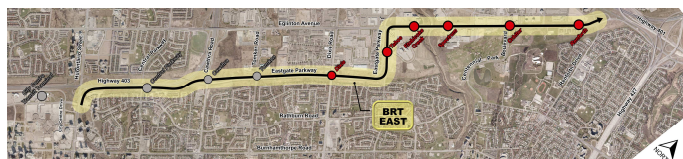


# BELOW-GRADE STATION



## KEY PLAN

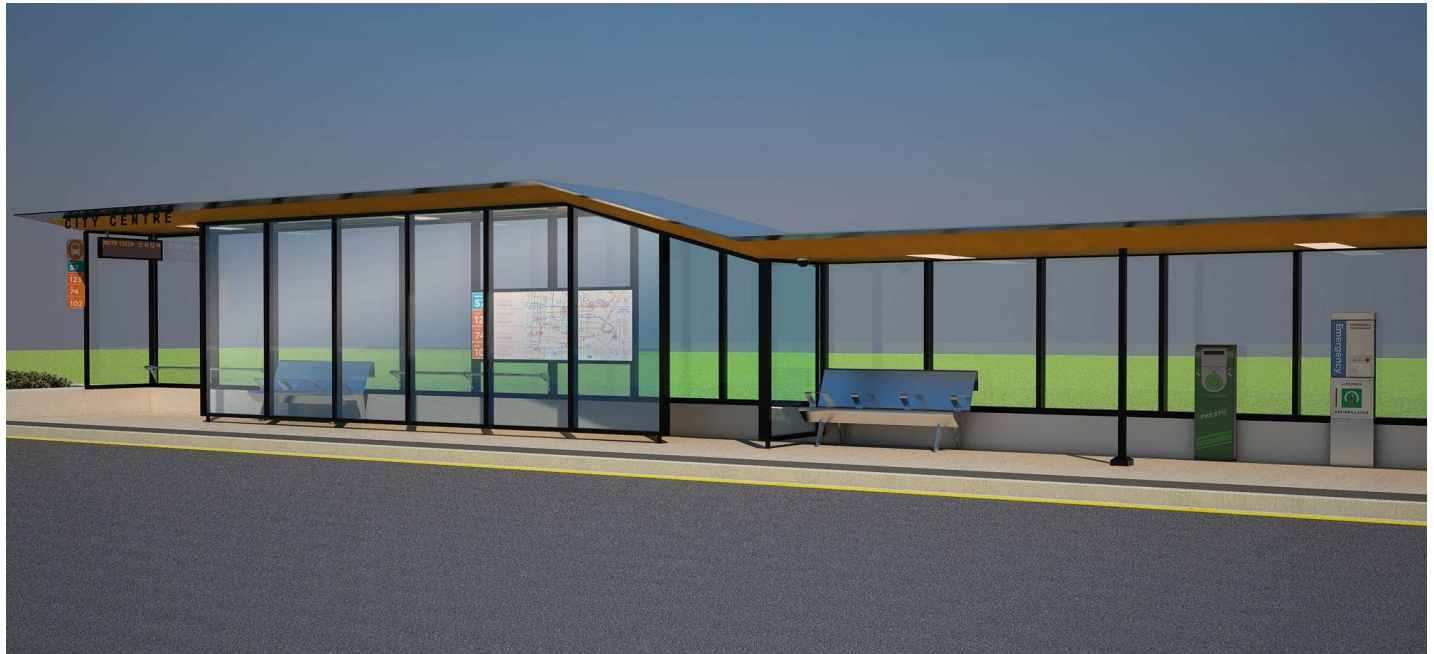
Below-grade station sites ●







# AT-GRADE AND ABOVE-GRADE STATION



## KEY PLAN

At-grade or Above-grade station sites







# TRANSIT SERVICE PLAN

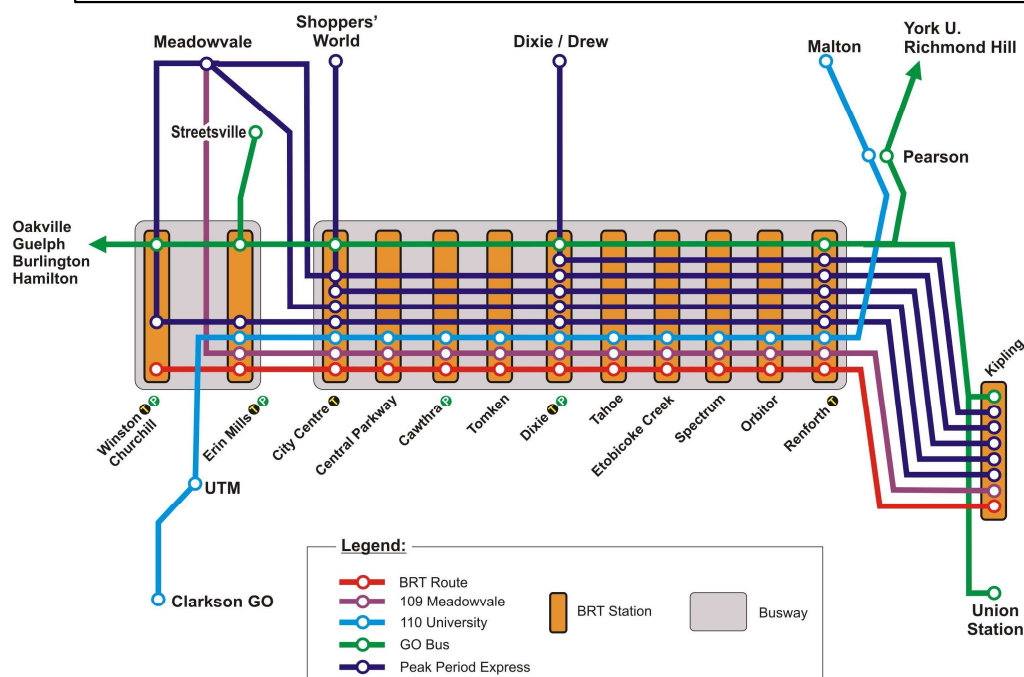
- A service concept was developed in consultation with Mississauga and GO-Bus Transit Planning staff.
- The service plan increases the percentage of the population within a 20 minute transit trip of the **City Centre** from 17% to 32% and the number within 30 minutes of **Kipling Station** from 5% to 15%
- The average travel time for all transit trips in Mississauga for AM peak, weekday service is anticipated to decrease by 8.5 minutes with the new infrastructure and service plan.
- Overall, the result of the investment in infrastructure and additional service will be an increase of Mississauga Transit overall annual ridership from 29 million in 2006 to in the order of 45 million by 2014.

## BRT TRAVEL TIMES

| ORIGINS                 | DESTINATIONS |     |            |     |         |     |                          |     |
|-------------------------|--------------|-----|------------|-----|---------|-----|--------------------------|-----|
|                         | City Centre  |     | TTC Subway |     | Airport |     | Airport Corporate Centre |     |
|                         | Today        | BRT | Today      | BRT | Today   | BRT | Today                    | BRT |
| Meadowvale Town Centre  | 40           | 26  | 59         | 45  | 70      | 45  | 41                       | 34  |
| Clarkson GO Station     | 40           | 34  | 55         | 47  | 100     | 53  | 65                       | 44  |
| Mississauga City Centre | –            | –   | 37         | 22  | 41      | 19  | 27                       | 10  |
| U of T Mississauga      | 25           | 21  | 53         | 30  | 81      | 40  | 60                       | 30  |
| Westwood Mall           | 61           | 31  | 30         | 20  | 20      | 20  | 31                       | 31  |

2007 Demand Forecasting Model Results – BRT Preliminary Design Report

Note: all travel times are in minutes

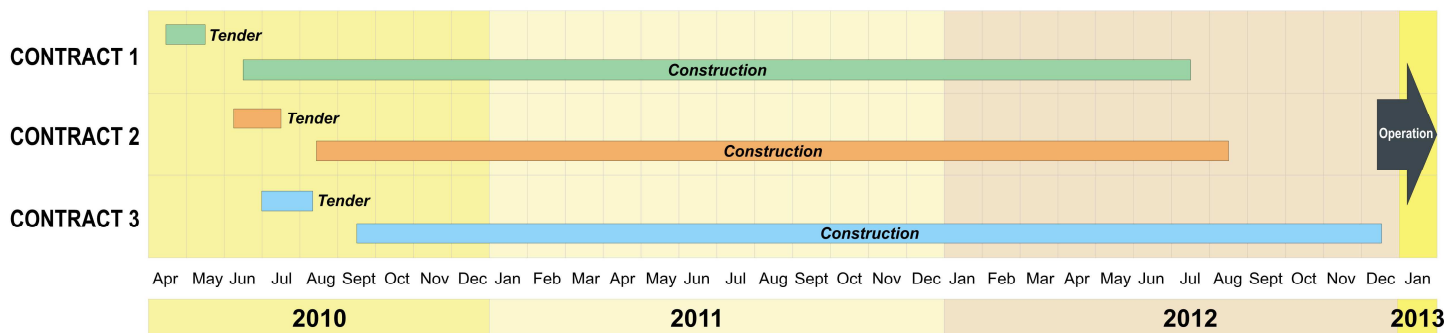




# IMPLEMENTATION

- **BRT WEST:**
  - Busway construction to commence in fall 2010
  - Station construction to commence in spring 2011
- **BRT EAST** Tender and award 3 contracts for construction:
  - Hurontario to Fieldgate (May 2010)
  - Fieldgate to Eglinton (July 2010)
  - Eglinton to Renforth (August 2010)

## BRT EAST CONSTRUCTION SCHEDULE





### The Project Team will:

- Finalize any outstanding approval requirements with regulatory agencies and stakeholders
- Finalize property acquisition
- Award BRT East Contract 1 and initiate construction on the segment between Hurontario and Fieldgate
- Tender and award BRT West contracts starting in 2010 for construction beginning in 2010
- Tender and award BRT East Contracts 2 and 3 in 2010 for construction beginning in 2010





# STAY INFORMED

- Sign in at the registration table to ensure that you are added to the Project mailing list.
- If you require further information, please contact the BRT Project Office at:

Telephone: 905-615-3200 x5745  
Fax: 905-896-5504  
E-mail: [brt.info@mississauga.ca](mailto:brt.info@mississauga.ca)  
Website: [www.mississauga.ca/brt](http://www.mississauga.ca/brt)