

# WELCOME

Royal York Road Phases 4, 5, and 6

Reconstruction and Rehabilitation of Royal York Road  
from  
Mimico Creek to Ashley Road

Public Meeting and Open House



Wednesday, February 16, 2005  
6:00 pm to 9:00 pm



# Purpose

- To provide members of the community with an opportunity to view the alternative road cross-sections and provide input in order to arrive at a preferred cross-section for the Royal York Road Rehabilitation/Reconstruction Project.
- Gather further information and comments from the community about the project and related issues.
- A public meeting and open house was held on January 21, 2005 to present the results of the Road Safety Audit for Royal York Road from Mimico Creek to Ashley Road.

# Background

- Royal York Road is classified as a Minor Arterial Road under the City's new Road Classification System endorsed by City Council in June 2000.
- It handles approximately 20,000 to 25,000 vehicles per day.
- The rehabilitation/reconstruction of Royal York Road is part of the 2005 Capital Works Budget.
- As part of the Council approved Toronto Bike Plan, Royal York Road has been designated a bicycle route.
- Royal York Road pavement has deteriorated over the years and is beyond rehabilitation. Reconstruction is the most economical alternative for the section between Mimico Creek and Usher Avenue while rehabilitation is the most cost-effective alternative for the section between Usher Avenue and Ashley Road.

# Background

- Frost action and age have caused structural problems in sidewalks creating potential trip hazards for pedestrians.
- The existing watermain was built in the 1920's and is reaching the end of its life span.
- The existing storm sewer and sanitary sewer and services from Mimico Creek to Bloor Street were constructed in the first half of the 20<sup>th</sup> century and require replacement.
- The sanitary sewer north from Bloor Street to Usher Avenue was relined by the City in the late 1990's.
- Toronto Water will be carrying out relining of the sanitary services on Royal York Road from Bloor Street to Usher Avenue in March and April of 2005. A notice to affected residents will be delivered in the near future.

# Scope

- Phase IV of the project will take place between Mimico Creek and Bloor Street with construction scheduled to start in late May for a 3 month period. New storm sewer, sanitary sewer and servicing and watermain and servicing will be constructed first. Road construction with curb and gutter including sidewalk construction will take place following underground work. Storm water management will be implemented where possible.
- Phase V of the project will take place between Bloor Street and Usher Avenue with construction scheduled to start in late June for a 3 month period. Certain sections of storm sewer will be replaced and new watermain and servicing constructed throughout. Road construction with curb and gutter including sidewalk repair will take place following underground work. Storm water management will be implemented where possible.
- Phase VI of the project will take place between Usher Avenue and Ashley Road with construction scheduled to start in late July for a 3 month period. New watermain and servicing will be constructed first. Road rehabilitation with alignment changes to the curb and gutter and sidewalk will take place following watermain work.

# Road Reconstruction

- Excavation of the existing road.
- Construction of new granular base and asphalt pavement to meet the City's specifications for the new road.
- Installation of subdrains and construction of new curb and gutter.
- Repair of the concrete sidewalk where needed and reconstruction of existing substandard sidewalk to a minimum width of 1.5 metres (5 feet) to more safely accommodate pedestrians, strollers and motorized wheelchairs.
- Boulevard improvements and streetscaping.
- Newly expanded grassed boulevard areas to replace existing asphalt and surface-treated shoulders.

# Road Rehabilitation

- Removal and replacement of substandard and deteriorated concrete road base followed by overlay with new asphalt.
- Removal and replacement of deficient sections of sidewalk and curb and gutter.
- Certain sections of curb and sidewalk will be removed and reconstructed in a new alignment as required to eliminate unnecessary lanes near Dundas Street.
- Repair of existing catchbasins (storm drains) and manholes.
- Repair of utility trenches in the roadway pavement.
- Installation of landscaped median islands.

# Underground Construction

- Replacement of the existing cast iron 200mm (8 inch) diameter watermain with PVC (poly-vinyl chloride) watermain and upgrading of substandard water services within the road allowance as required.
- Storm sewer system together with facilities for storm water management for road drainage and infiltration of storm water to the ground for the section south of Bloor Street.
- Facilities for storm water management for road drainage and infiltration of storm water to the ground for the section north of Bloor Street to Usher Avenue.
- New exfiltration catchbasins (storm drains) and related perforated pipe system to improve road drainage.
- Removal and replacement of the sanitary sewer pipe and sanitary services within the road allowance for the section south of Bloor Street.

# Storm Water Management

The City's Wet Weather Flow Management Master Plan states as its goal:

“Reduce and ultimately eliminate the adverse effects of wet weather flow on the built and natural environment in a timely and sustainable manner, and achieve a measurable improvement in ecosystem health of the watersheds.”

Wherever possible, new road and sewer designs implement storm water management strategies to improve the quality of road drainage water before it discharges into our rivers and lakes. The expected pervious nature of the native sandy soils on Royal York Road provides an opportunity to incorporate the following storm water management methods into the reconstruction portion of the project:

- Over-sized 200mm diameter exfiltration subdrains that run under the curb and gutter or down the middle of the road. These perforated pipes allow storm water from the road to infiltrate into the ground.

# Storm Water Management

- Perforated catchbasins that allow water collected from the roadway to percolate into the ground.
- The catchbasins include a “sump drain” to allow any standing water to drain into the surrounding ground reducing mosquito breeding and the threat of West Nile Virus.

# Additional Design Considerations

- New coloured concrete crosswalks and median island improvements at the Bloor Street intersection.
- New decorative hard-surfacing, streetscaping elements and possible coach lights at the Bloor Street – Royal York subway station area.
- Trees will be planted in locations where there is sufficient room and vertical clearance.
- Construction of landscaped median islands north and south of Dundas Street.
- The drop-off zone for the Royal York subway station will be reconfigured and the taxi-stand relocated to allow better traffic flow and reduce jay-walking in the area.
- The Road Safety Audit identified certain locations to be addressed in the detailed design with regard to road user safety and visibility: for example: Glenroy pedestrian crossing location, Bloor Street / Royal York subway station area, Usher Avenue left turn lane, Government Road ramp onto Royal York Road, Lambeth Road extension onto Royal York Road.

# Services During Construction

- All 4 TTC bus services out of the Royal York subway station will be maintained; however, bus stop locations may be temporarily relocated from time to time to allow construction to occur.
- During construction, Royal York Road will be closed to through traffic. Access will be maintained for local traffic, buses and emergency vehicles.
- From time to time access to your driveway may be cut off due to construction activities. Parking will be allowed on side streets. The Construction Notice will provide further details.
- Normal garbage and recycling schedules will be maintained.



# Public Participation

- Your comments will be considered as part of the City's public consultation process. Please submit comments as soon as you can.



- If you plan to widen your driveway, please tell us by completing a comment sheet. City staff will address your request and advise you accordingly. *Please note: driveway frontage cannot exceed 40 percent of your total on-street frontage.*
- As part of the work, non-standard water services will be upgraded to 19mm (3/4 inch) copper pipe within the road allowance to improve water flow to homes in the area. Please let us know if you experience low domestic water flow by filling out a comment sheet.

# Public Participation

- If you have experienced flooding in the past or know of any rain water connections into the sanitary sewer, please advise us with a comment sheet so we can evaluate each situation.
- The City suggests that any front yard-landscaping wait until after the rehabilitation/reconstruction work is completed.
- If you have any questions, please contact our 24 - hour comment line at (416) 397-7777 or David Nagler of Public Consultation at (416) 338-2830 [dnagler@toronto.ca](mailto:dnagler@toronto.ca)