key points of the presentation

- Geography / York Region at a glance
- Urban transformation
- Major rapid transit projects in York Region
- Highway 7 east rapidway
- Rapidway and station intersection
- Boulevard
- New vivastations, fare equipment and ITS
- Traffic signal and transit signal priority system
- Bayview towers accessibility
- Media campaigns
- Next Step
It’s about the whole corridor:

› Building face to building face
› Multi-modal
› High density mixed-use
› Compact urban form
› Street life and pedestrian activity is safe and inviting
Highway 7 east rapidway

› 6.2 km total length of dedicated bus lanes
› 1 Curbside and 10 Median Stations at major intersections (avg ~ 0.5 km apart)
› Dedicated bike lanes on Highway 7 with bike boxes at signalized intersections
› Enhanced beautification of boulevards and medians
Examples of vivaNext standards

- Tree grate
- Bicycle box
- Bicycle rack
- Tree planting
- Red Asphalt (Red Aggregates, polymer with modified black asphalt cement, and engineered red pigment)
- Bird’s Eye view of an intersection
- Intersection lighting
boulevard - transforming our streets

- Pedestrian-friendly spaces
- Key project legacy: up to 50% more trees were planted
New vivastations – focus on the user

› New canopies are passenger friendly
› Provide greater comfort, convenience and accessibility
new ticket machines feature:
› New ergonomic design with reduced overall size
› Improved screen brightness
› Faster printer and computer

fare equipment communication
› TVM communicates to existing Revenue Management System at 50 High Tech
› PRESTO is connected to PRESTO Servers via 50 High Tech
station its – vms and clock

› Provides real-time scheduling information based on GPS technology
› Mounted on the canopy
› VMS provides next bus information
ecb and cctv

- Blue strobe light on VMS and emergency call box
- Communicates to YRT Dispatch 24/7 at 50 High Tech
pa system

- Can be used for live or pre-recorded announcements
- Microphones installed at 50 High Tech to make announcements

outside speakers

inside speakers
traffic signal control system

› Interactive GIS based system maps
› New state of the art traffic controller
transit vehicle detection system

› New and improved Transit Signal Priority [TSP] for buses
› Reduced travel time for riders
transit signal priority system

› New GPS system calculates vehicle speed, heading, longitude and latitude information

› Intersection equipment is programmed with an approach map to define corridors for priority activity

› As vehicle enters the intersection’s radio range, it requests priority at the trigger point based on the setting
Modern design features equally serve both aesthetics and function.

With a heated pedestrian walkway in winter and cooling tinted glass in the summer, the towers are designed for comfort for riders and pedestrians alike.
Outreach includes:

- Community Liaison work
- Business Support program
  - Shop7
- Brochures and newsletters
- Weekly emailed construction notices
- Regular social media updates
- vivaNext website
  - blogs, twitter, facebook
- Participation in community events
Next Step

Phase 1
Quick Start launched in 2005

Phase 2
Bus Rapid Transit • Subways

Phase 3
Light Rail Transit • Subways
thank you