



# Union Station Rail Corridor Infrastructure Improvements

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GO Transit



# GO Service

- Critical importance to the City of Toronto
- 180,000 passengers daily
- Moves four times as many people as the Gardiner/DVP
- 55 million passengers per year  
(twice as many as Pearson International Airport)
- 21% ridership growth in the past five years
- GO Transit passenger numbers will double over the next 20 years

# Union Station Rail Corridor

- Track network supporting Union Station
- Don River to Strachan Avenue
- 7 GO routes + VIA + ONR intercity + freight converge at the USRC (14 passenger and 2 freight tracks)



# Union Station Infrastructure

- Union Station is 80 years old (heritage building)
- Originally designed for intercity passenger and freight movement
- Now relied on to move commuters in and out of downtown
- Desperate need for additional capacity
- Requires refurbishment



# Improvement Project

- \$750m program
- Over 15 years
- Addresses:
  - Track and signals
  - Platforms and train shed
  - Passenger handling capacity
  - Train handling capacity
- City of Toronto will simultaneously revitalize the station building



# Purpose

- Increase train capacity
- Improve reliability
- Preserve safety
- More efficient operations



# Projects

- Trainshed roof
- Union Station
- Switch replacement
- Signal replacement
- Switch heaters
- Track reconfiguration & new track
- Other projects



# Challenges

- Limited work hours
- Confined area
- Adjacent development
- Safety-critical infrastructure
- Regulatory requirements



# Mitigation

- Use least disruptive construction methods and equipment
- Work during the day, if possible
- Only essential work at night/weekends
- Noise monitoring



# Retaining Wall Construction

- Currently underway at Spadina Avenue
- Involves drilling, soil removal and pouring concrete
- Work can only be done at night
- This phase will be complete August 2011
- Overall work will be complete Fall 2011



# Thank you for attending

