

Toronto's Transportation Hub Union Station

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Presentation Overview

- Policy Context
- Transportation Context
- Key Facts
- Major Transit Initiatives
 - GO Transit
 - Toronto Transit Commission
- Other Transportation Considerations
- Pedestrian Planning
- Cycling Integration
- Next Steps/Towards Implementation



Policy Context

- Toronto Official Plan
 - Union Station will be refurbished and its passenger handling capacity expanded
- Railway Lands East Secondary Plan
 - retention of Union Station as a transportation terminal will be ensured
 - including the satisfactory functioning of the station complex
- Union Station Master Plan
 - Multi -Modal Transportation Hub
 - Transportation First
 - Safe Efficient and Coherent



Transportation Context

- Multi-Modal Transportation Hub:
 - convergence of all GO rail
 - GO bus terminal
 - TTC subway and HLRT
 - VIA Rail Canada
 - AMTRAK
 - Ontario Northland
 - taxi
 - auto pick-up and drop-off
 - bicycle
 - pedestrian
 - future inter-city bus terminal
 - future Pearson Air-Rail Link

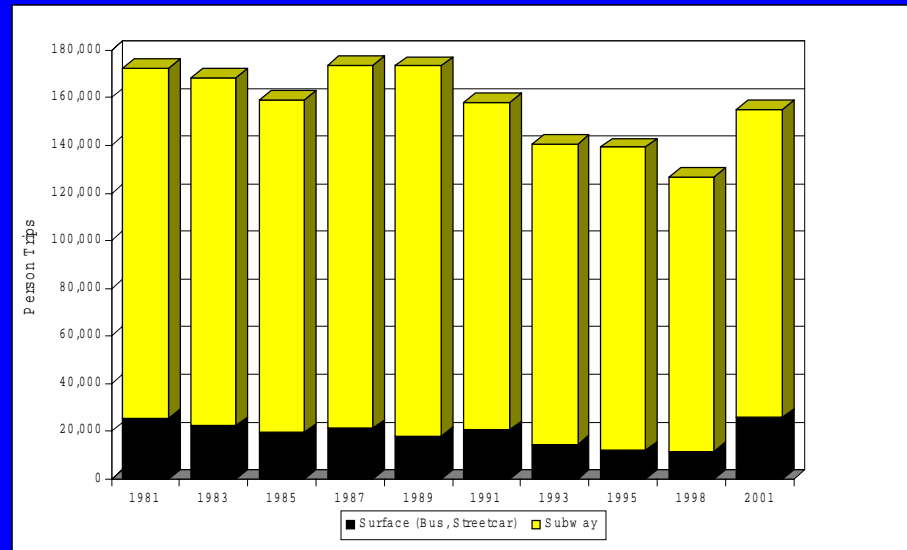
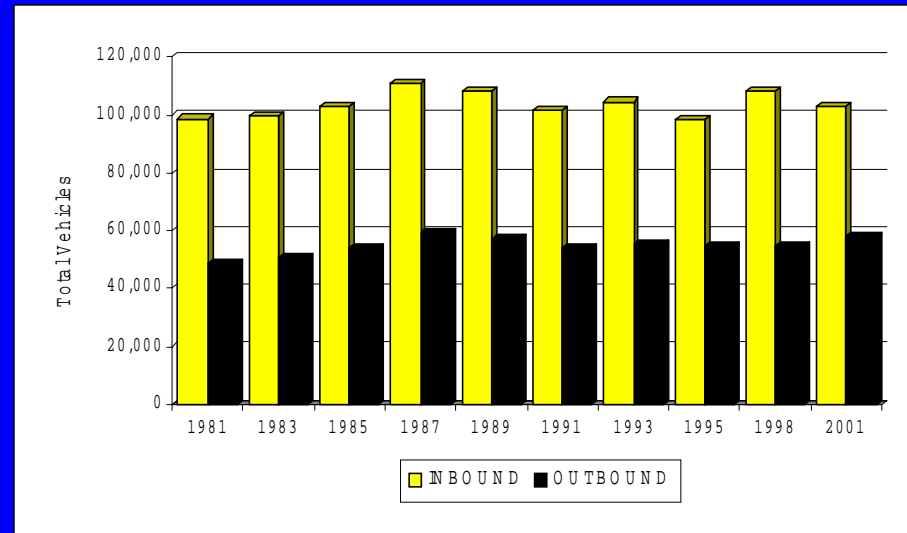


Key Facts

- more annual passengers than Pearson International Airport
 - 41 million GO train and bus, 20 million TTC subway and 2.34 million VIA
- more than 130,000 GO train passengers and 30,000 bus passengers every weekday. This number is expected to more than double over the next 20 years
- TTC Union Station is the fourth busiest station in the system - 75,000 passengers /day
- special events add up to 2,300 GO passengers and 11,000 TTC passengers over peak 15 minute interval
- Union Station is VIA Rail's busiest station with over 50 per cent of all VIA passengers using this station

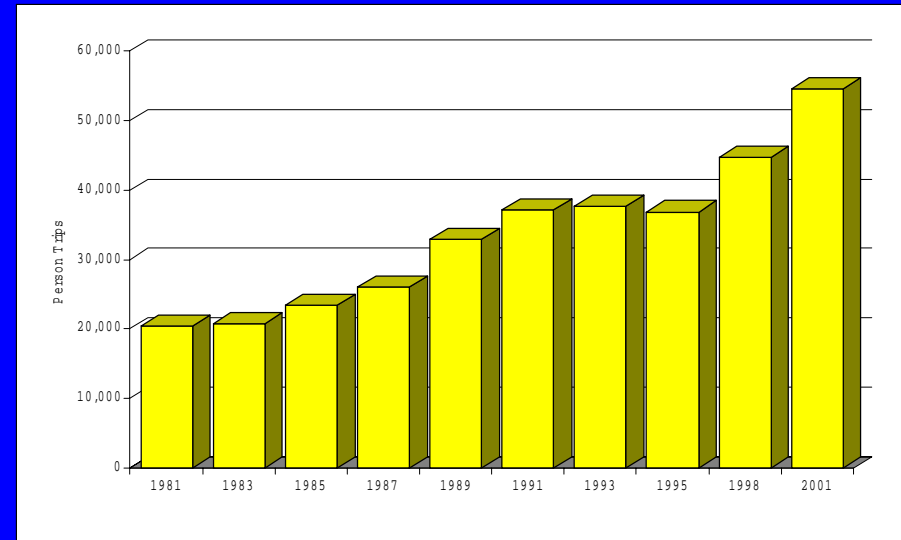
Key Facts (Continued)

- Toronto's Central Area (a.m. peak-period)
- Inbound Vehicles
 - 4% difference between 1981 and 2001
 - indicative of road system at capacity
- Toronto Transit Commission
 - ridership has fluctuated with economic conditions
 - has started to rebound on subway and surface routes

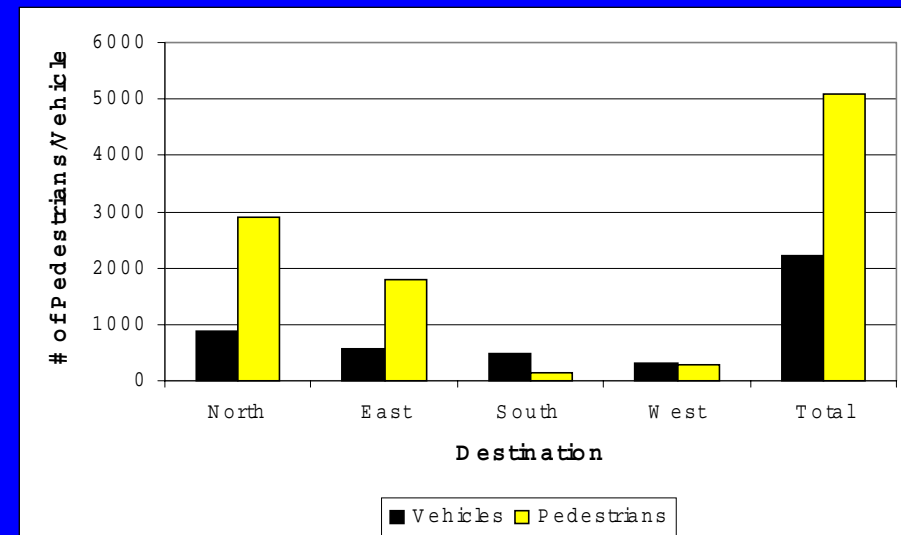


Key Facts (Continued)

- GO Transit
 - increased 167% (1981-2001)
 - most of the growth in trips accommodated by GO rail



- Toronto Pedestrian Counts
 - peak-hour pedestrians outnumber vehicles by almost 3 to 1 at adjacent intersections
 - expected to increase with GO improvements/waterfront redevelopment



Major Transit Initiatives

- GO Transit
 - Union Station Rail Corridor Infrastructure Improvement Plan
 - estimated project cost- \$600 million
 - targeted for completion in 2014

- Toronto Transit Commission
 - Union Subway - Second Platform Project
 - estimated project cost - \$90 million
 - targeted for completion in 2009



Other Transportation Considerations

- VIA Rail
 - “Renaissance of Rail Travel”
- Pearson Air-Link Group
 - “Blue 22” - EA underway
- Toronto Waterfront Revitalization
 - Bremner Boulevard / Queens Quay East
- potential inter-city bus terminal
- taxi operations
- auto passenger pick-up and drop-off
- AMTRAK
- Ontario Northland



Pedestrian Planning

- two key pedestrian planning studies
 - Area Pedestrian Study
 - City of Toronto
 - Internal Pedestrian Circulation Study
 - Union Pearson Group
- in consultation with a Station Operator's Committee and the Union Station Public Advisory Group
- technical work being undertaken by ArupCanada Inc.
- includes feasibility analysis for north-west PATH connection



Cycling Integration

- Toronto Bike Plan
 - Principle: Secure and convenient bicycle parking must be available at all cycling destinations to encourage and support cycling
- Council Directive
 - UPG and city staff to work with Cycling Committee throughout redevelopment process



Next Steps / Implementation

- work together with all transit / transportation operators and stakeholders - Transportation First
- pursue new opportunities for integration and enhanced multi-modal connections - bus terminal / cycling
- Union Pearson Group concept plan



Next Steps / Implementation

- identify funding for major infrastructure
 - potential north-west PATH connection / south access route
- include public advisory group in all aspects of development and future governance
- proactive approach to implementation of Master Plan
 - Front Street pedestrian realm
 - pedestrian planning
 - taxi operations
 - urban design plan
 - wayfinding plan



Thank You

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For More:

www.toronto.ca/union_station