



CITIES TAKING FREIGHT ACTION:

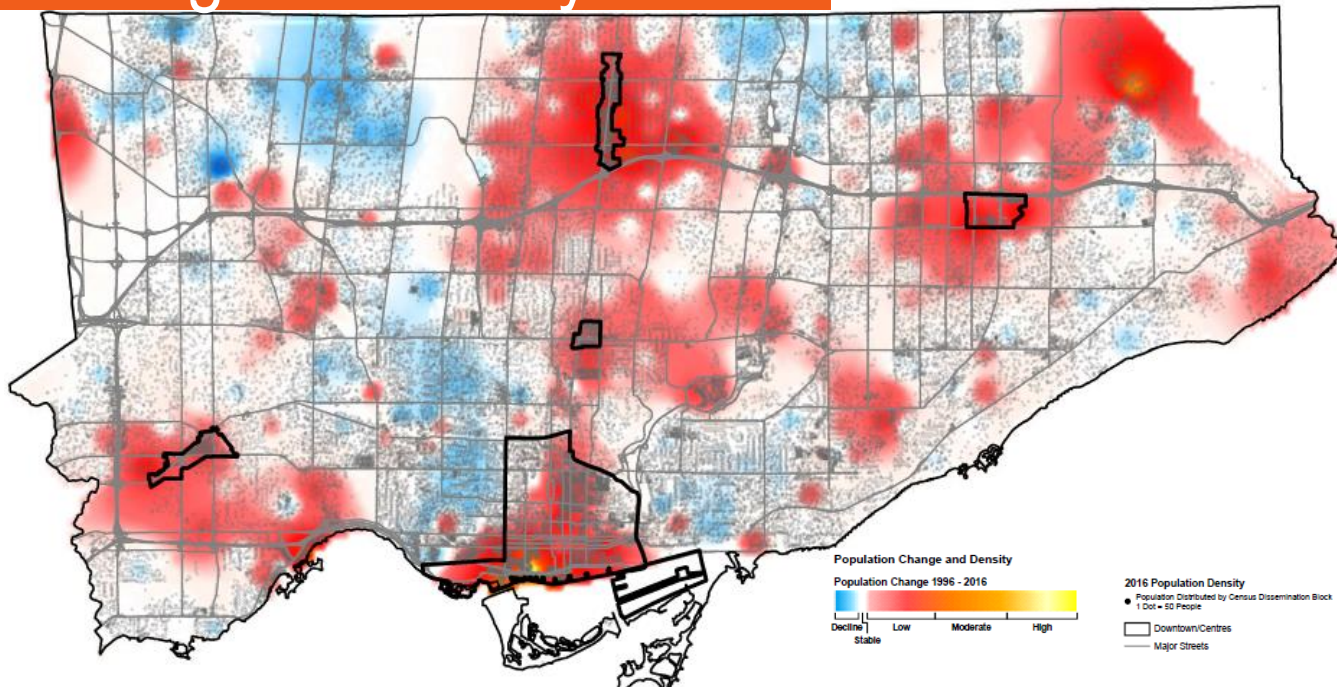
The Roles of Municipal and Regional Freight Planning in a Changing World

Elyse Parker, Director of Policy & Innovation, Transportation Services, City of Toronto

March 3, 2020

TORONTO TODAY

Growth is unprecedented throughout the city

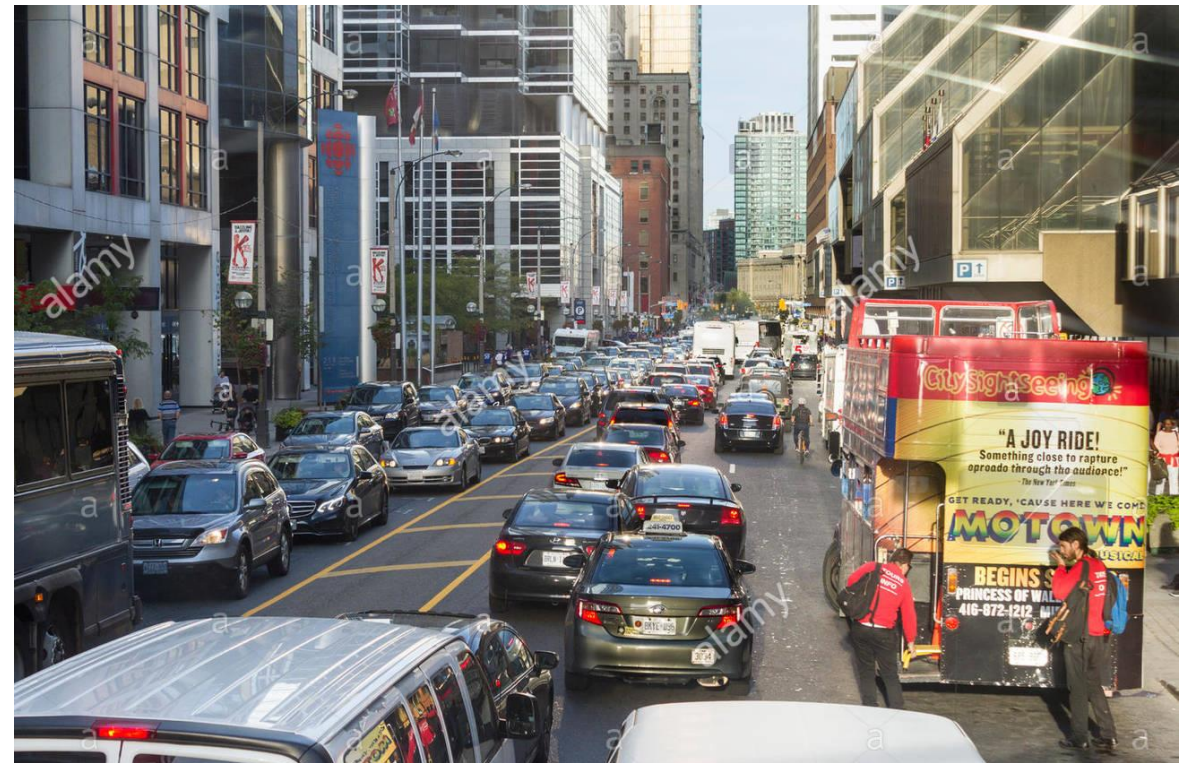


Congestion, a reliable byproduct of growth...



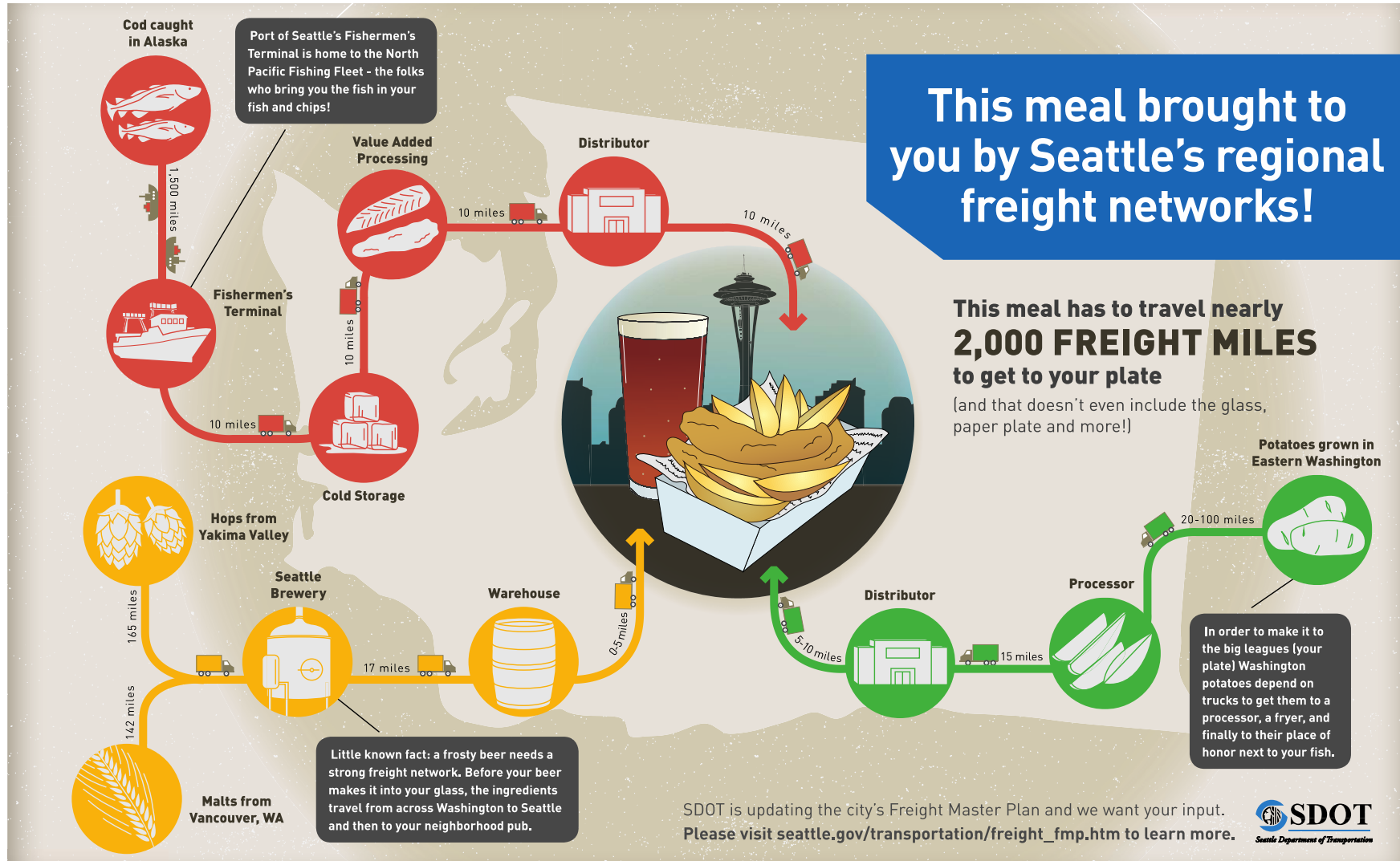
Is making it harder and harder to deliver goods on time

People and businesses are moving back into cities



Toronto street space is in high demand

FREIGHT & GOODS MOVEMENT IS CENTRAL TO EVERYTHING



TORONTO FREIGHT & GOODS MOVEMENT STUDY

- April 2019 – April 2020

Project Vision

Provide a goods movement system that is safe, reliable and sustainable connecting people and products while protecting Toronto's vibrant and thriving economy and quality of life.

PROJECT GOALS



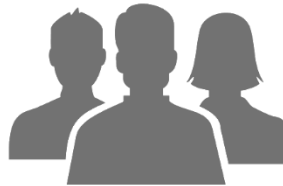
1 System Performance



2 Access Performance



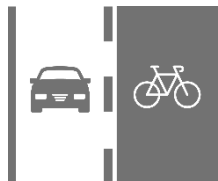
3 Environment



4 Equity



5 Economic Competitiveness



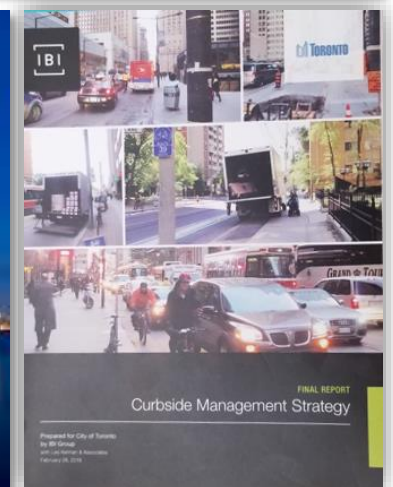
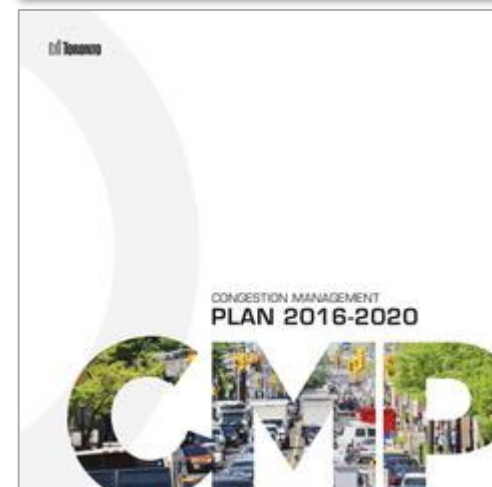
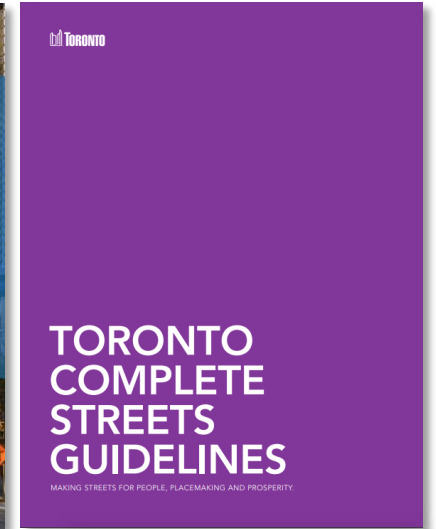
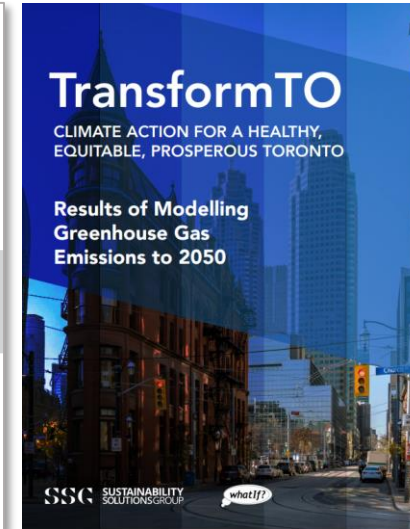
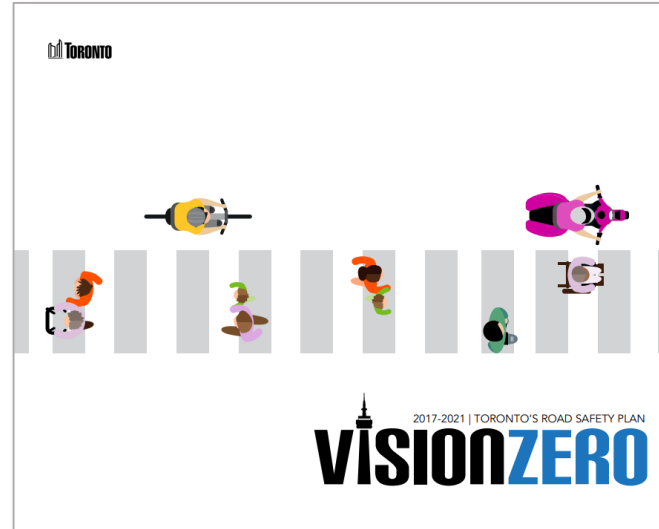
6 Safety



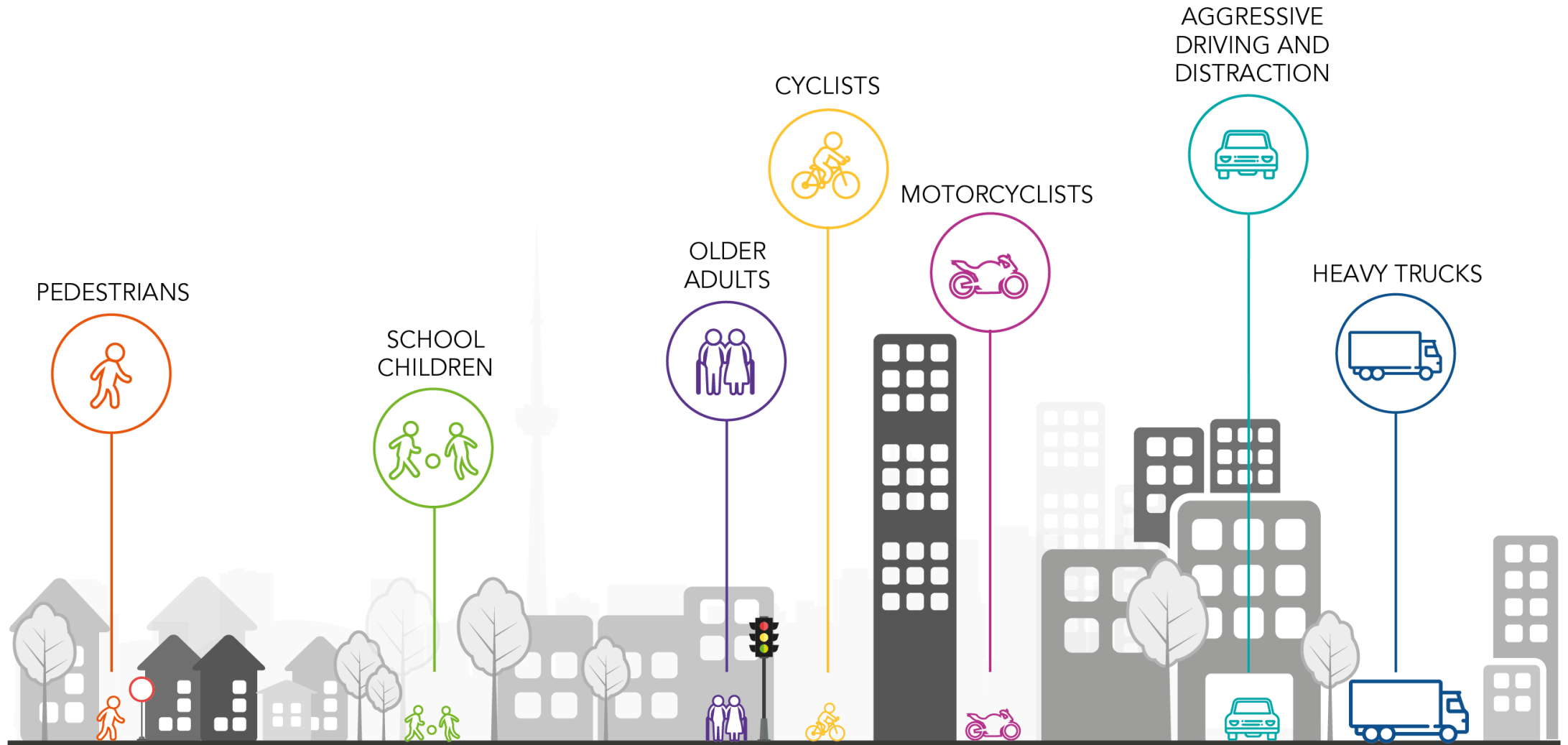
7 Adaptability and Resilience

STRATEGIC & OPERATIONAL PLANNING

Draws on other City initiatives for project alignment



THE OVERRIDING THEME – VISION ZERO



6 KEY STUDY FINDINGS



SAFETY

Navigating interactions between freight and vulnerable groups



TECHNOLOGY & ENVIRONMENT

Taking full advantage of technological advances and protecting the environment



CONGESTION

Reducing productivity loss and increasing the reliability of our road networks



OPERATIONS

Supporting the movement of goods and related businesses to enhance productivity



LAST-MILE DELIVERY

Getting goods where they need to go



OFF-PEAK DELIVERY

Making the window for urban delivery more flexible where possible

WHERE WE ARE GOING – 3 OF THE DIRECTIONS IDENTIFIED

1

Off-Peak Deliveries



2

E-Cargo Bike Deliveries



3

Curbside Management



Pay to Load: Indicates length of stay permitted (2 hours maximum)

Park Mobile Zone Number: Used for carrier paying by cell phone.

Service Times: beginning and end time of when a loading zone requires payment.

District Department of Transportation, Washington, DC

OFF-PEAK DELIVERIES

Implementation of **off-peak deliveries** (OPD) is a transportation demand management strategy that has been used in other comparable jurisdictions. Shifting deliveries to the evening and overnight periods, OPD could reduce the number of delivery trucks on City roads during the day, particularly during peak morning and afternoon periods.



© NYC DOT

E-CARGO BIKE DELIVERIES

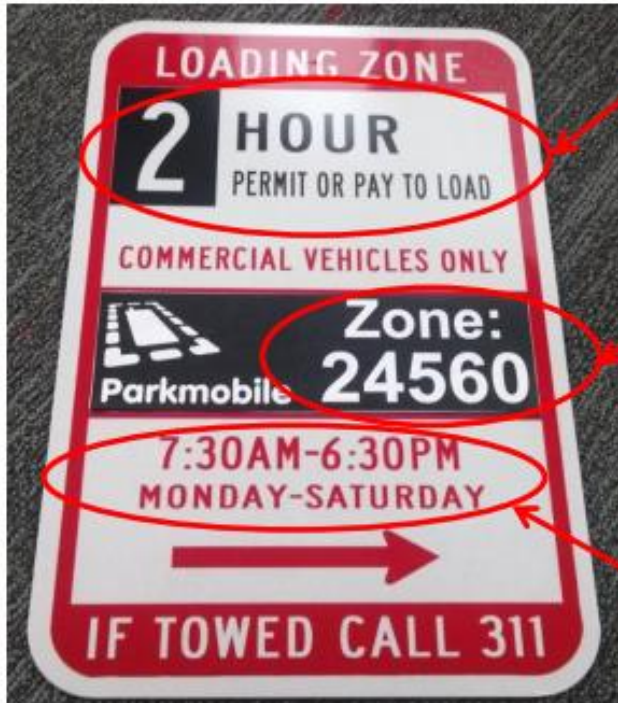


Photo Courtesy of UPS



(Louis-Étienne Doré)

COMMERCIAL VEHICLE LOADING ZONES



Pay to Load: Indicates length of stay permitted (2 hours maximum)

Park Mobile Zone Number: Used for carrier paying by cell phone.

Service Times: beginning and end time of when a loading zone requires payment.

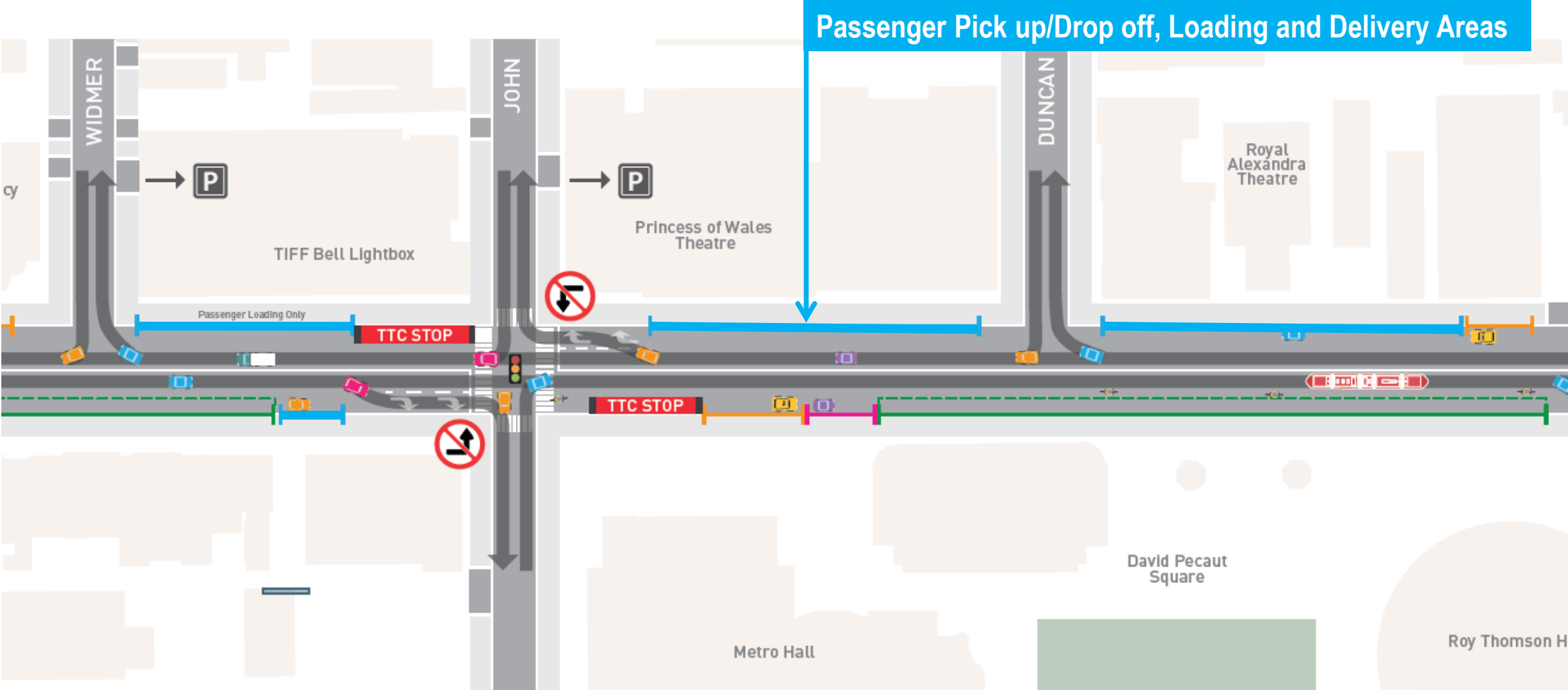


District Department of Transportation, Washington, DC

ON-GOING: KING STREET TRANSIT PRIORITY CORRIDOR



ON-GOING: KING STREET TRANSIT PRIORITY CORRIDOR



ON-GOING: CONSTRUCTION HUB COORDINATION

Construction Hub Coordination addresses **dense concentrations of construction impacting mobility** in the public right of way.



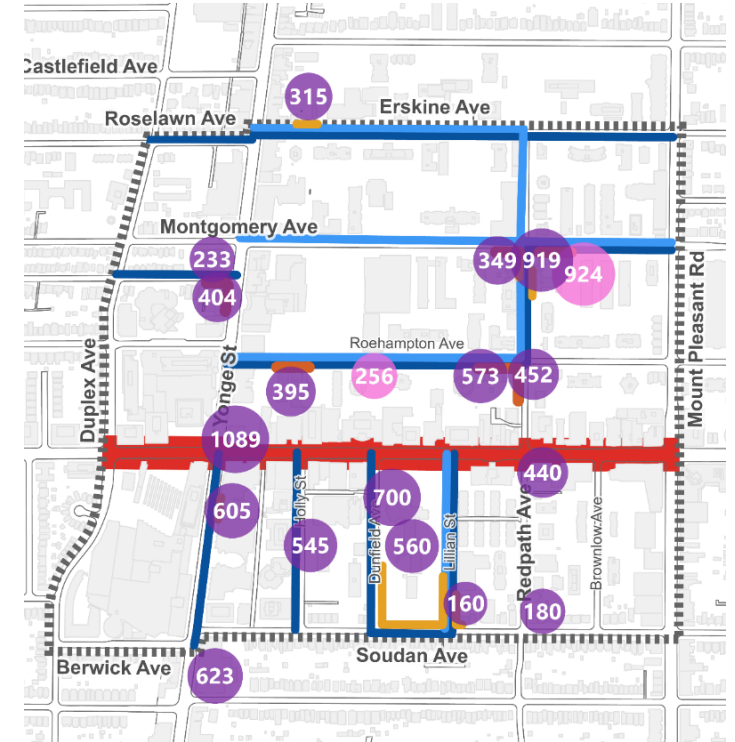
This on-the-ground coordination, results in innovative solutions for better freight and goods movement within these challenging contexts, such as:

- Dedicated haul routes
- Alternative loading areas
- Temporary wayfinding

ON-GOING: YONGE & EGLINTON CONSTRUCTION HUB

- Midtown is home to **61,000 residents** and **34,000 employees**
- The Development Pipeline would add **~25,000 additional residents** and **130,000 m² non-residential GFA***
- The **estimated construction value** of the active permits issued in the Pilot area **since 2016 is \$1.2 billion.**

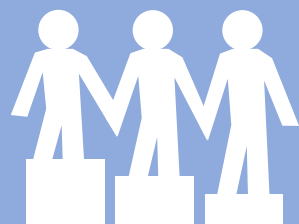
Active Developments
(total residential units)
Eglinton Crosstown
Rogers Communications
Toronto Hydro
Right of Way Permits



Safety



Equity



Vibrancy



Innovation



Engagement



CONSTRUCTION HUB COORDINATION EVENT

Road Safety Month

Saturday, April 4 – 10am to 2pm

Street Event on Yonge Street between Eglinton and Erskine Ave. to increase awareness about road safety in and around the construction zone and to provide information to all in the Yonge-Eglinton Area about the **Construction Hub Coordination Pilot** and the measures being taken to **improve safety, reduce congestion and minimize the impact of construction.**

Hosts:

- City of Toronto
- Yonge Eglinton BIA
- Construction Association (ie. Concrete Ontario)
- Local Residents' Association

Thank you