

OFF-PEAK DELIVERIES

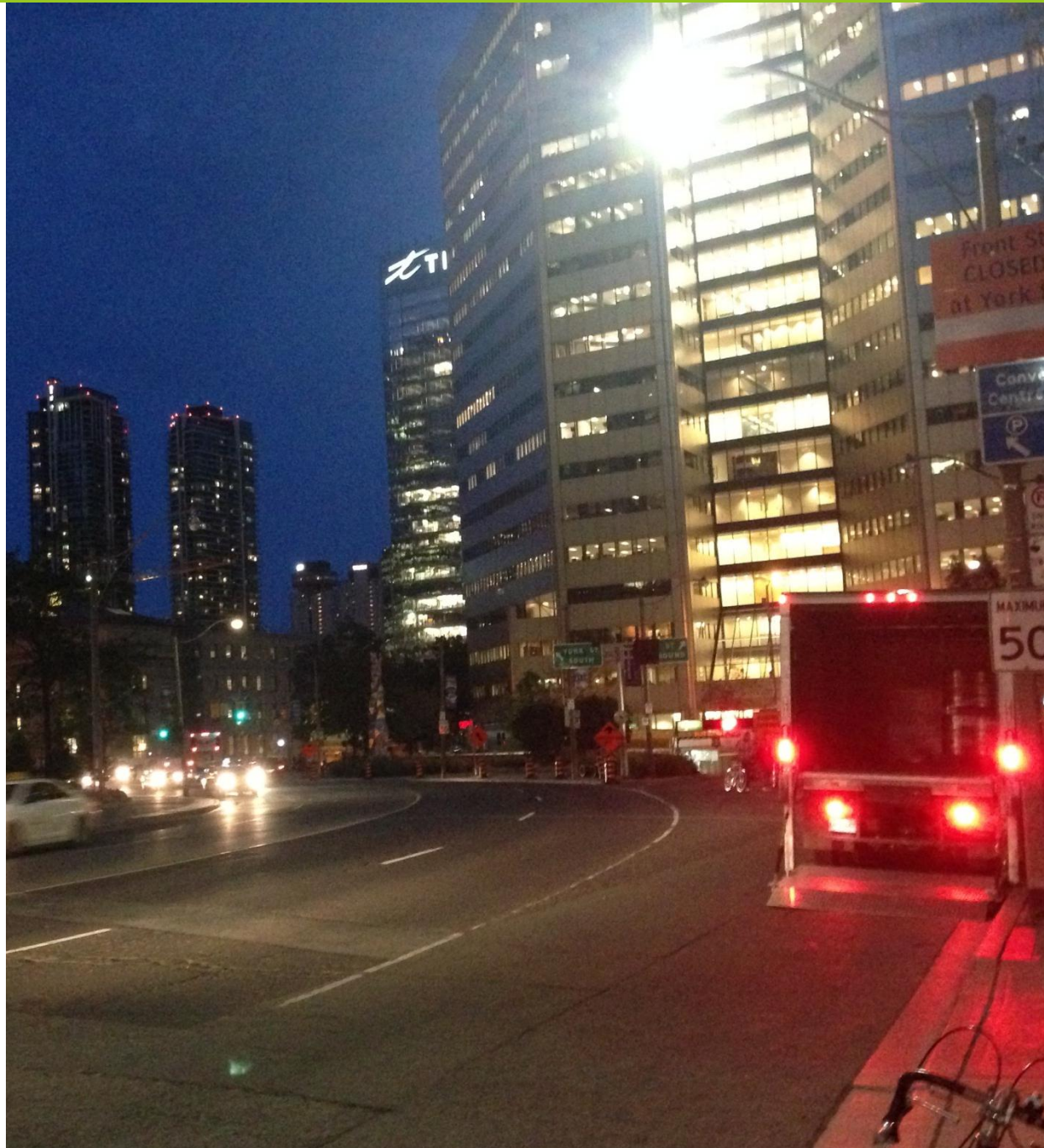
Ontario Trucking Association
June 26th, 2015



Goods Movement Office
Transportation Policy Branch
Ministry of Transportation

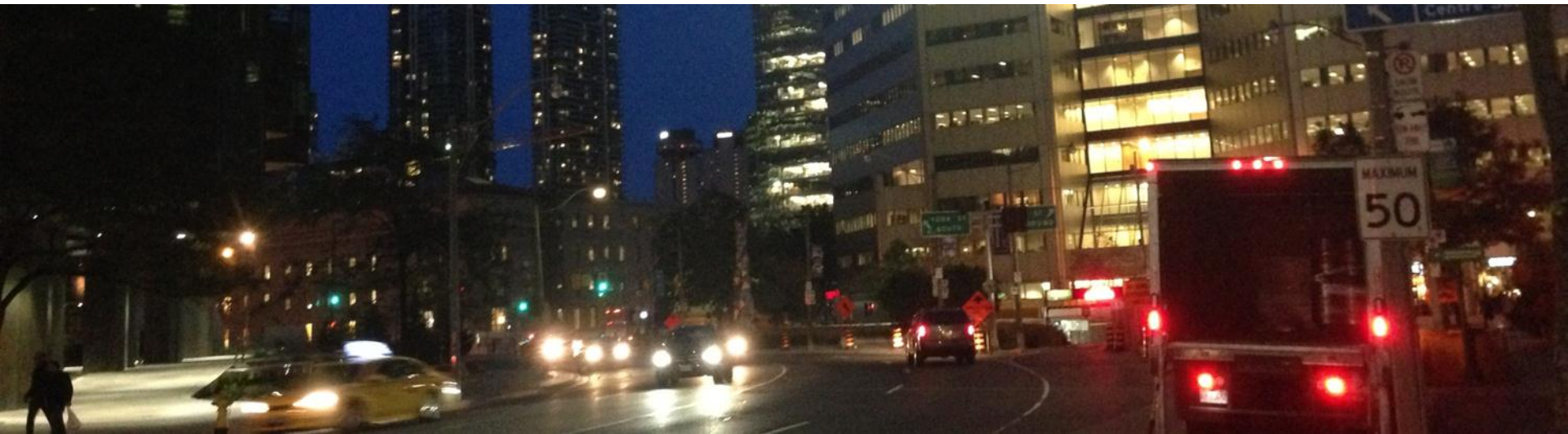
Outline

- Off-Peak Deliveries Pilot
 - Background
 - Phase One - Summary
 - Phase Two
 - Phase Three



Off-Peak Deliveries Pilot: Background

- Off-Peak Deliveries (OPD) has been used as a strategy in other jurisdictions to alleviate congestion in urban areas during peak periods and during large multi sport events.
- The TORONTO 2015 Pan Am/Parapan Am Games provide a unique opportunity to implement an OPD Pilot and test the applicability of delivering off-peak in Ontario.
- MTO developed a three-phased pilot to help address Games-time transportation challenges and capture valuable information under various traffic conditions.
 - Phase One (completed August 2014): small-scale pilot in Toronto's downtown core.
 - Phase Two (June 29th to August 15th): coincides with the Games.
 - Phase Three (August 16th to September 25th): additional data collection under non-Games conditions.



Phase One

- **Location:** Downtown Toronto
- **Length of Phase One:** 4 weeks in August 2014
- **Partners:** City of Toronto, 5 large carriers, 30+ businesses
- **Results:**
 - Measured background and delivery-related noise during business-as-usual and off-peak hours.
 - In the downtown core the urban ambient noise masked delivery-related noise.
 - In residential neighbourhoods, delivery-related noise likely did not disturb nearby residents.
 - City of Toronto monitored 311 and no delivery-related noise complaints were received.
 - Measured travel time through driver trip sheets
 - Majority of carriers noted travel time savings.
 - 2 carriers saw travel time savings of up to one hour.
 - Examined routes based on historical GPS travel speeds
 - Fastest period to travel into downtown Toronto between midnight and 6am.
 - Slowest period between 7am-10am and 3pm-7pm.



OPD Advantages & Considerations

• Advantages

- Lower volumes on provincial highways can decrease travel time.
- Increased availability of parking, loading bays and freight elevators decreased driver time spent at point of delivery.
- Drivers perceived less traffic and a decrease in driving-related stress.
- Businesses increased productivity by stocking shelves before opening.

• Considerations

- Change management takes time:
 - Initial operations had some confusion around delivery times.
 - Switching to nights can be difficult for staff.
- Operational adjustments may be required:
 - Auxiliary lighting may be needed.
 - Late hours may increase risk of unfavorable encounters with individuals.
 - Receivers may want to find alternate cash collection options.
- Some off-peak time periods on the provincial highway and city streets may still carry high volumes of traffic.



Phase Two - Outline

- **Location:** City of Toronto and other volunteer municipalities
- **Length of Phase Two:** June 29th to August 15th
- **Partners:** You and your customers / suppliers
- **Phase Two Parameters:**
 - Carriers and businesses to enrol in the Pilot through the MTO's Goods Movement Office.
 - Interested parties will be given a Participant Package that includes:
 - Pilot start and end dates
 - OPD Code of Practice (noise mitigation guideline)
 - Map of City of Toronto Quiet Zones
 - NO OPD deliveries are to be undertaken in Quiet Zones and all existing traffic operation and parking regulations will remain in full force.
 - Participants will be surveyed pre and post Games to offer insight into the off- peak experience.
 - Non-compliant carriers-identified by MTO or the City of Toronto may be asked to modify or cancel their participation.



Phase Three - Outline

- **Location:** City of Toronto and other volunteer municipalities
- **Length of Phase Three:** August 15th to September 25th
- **Partners:** Carriers willing to supply GPS data from May 31st – September 25th
- **Phase Three Parameters:**
 - Carriers and businesses will be asked to enrol in Phase Three through the Ministry of Transportation's Goods Movement Office.
 - Selected participants will be continue to operate off-peak under Phase Two parameters.
- MTO will analyze GPS data during.
 - June (operating business as usual).
 - July & August (during the Games, operating off-peak).
 - August & September (after the Games operating off-peak).
- Phase Three participants benefit from three continuous months of off peak operations.



Off-Peak Deliveries Pilot Contact Information

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