



Toronto's Congestion Management Plan Status Update

ITS Canada
ITS Workshop for Municipalities
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Congestion Management Plan (CMP)



- In 2013, Toronto developed a comprehensive Congestion Management Plan (CMP) for the 2014 – 2018 period.
- “The goal of the CMP is to better manage congestion and improve safety through innovation and technology that will maximise the efficiency, reliability and sustainability of the road network for all users while reducing the impacts on the environment” – Staff Report to Toronto City Council.
- CMP updated for the 2016 – 2020 period.

Congestion Management Plan (2014)

- Upgraded the Transportation Operations Centre (TOC)
- Variable Message Signs on Expressways and Lakeshore Blvd (7 VMS)
- Travel Time Information on Expressways and Lakeshore Blvd
- Use of Social Media (e.g. Twitter)
- Arterial CCTV Cameras (17 cameras)
- Signal Coordination (339 signals on 10 corridors)
- UPS for Traffic Signals (19 Intersections)
- LED Blank Out Signs for TOD Turn Restrictions (4 intersections)
- Communications Upgrades (405 intersections)
- Expanded Cycling Network
- Pilot "Courier Zones"
- Parking-Stopping By-Law Updates



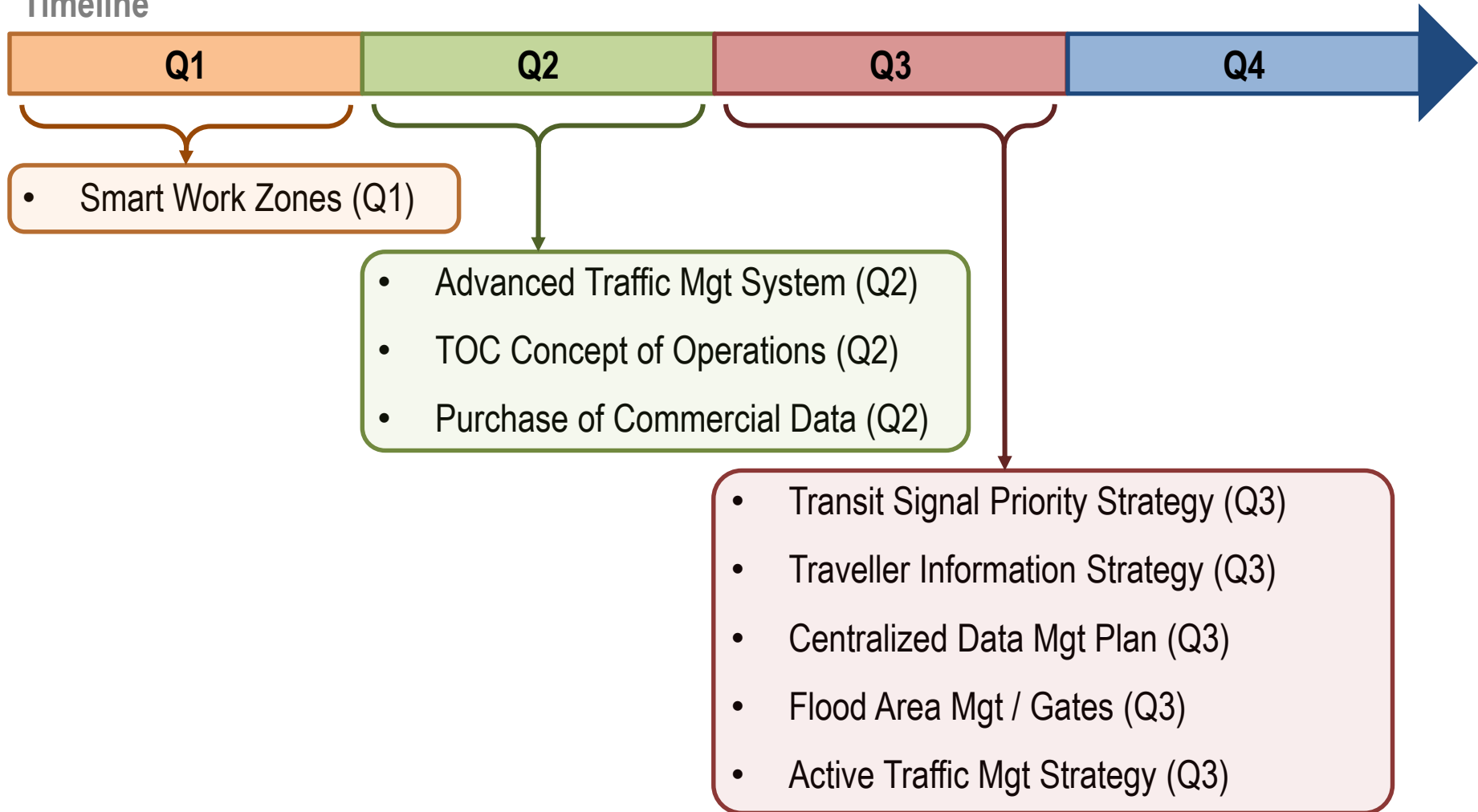
Congestion Management Plan (2015)

- Pilot Arterial Message Signs (2 portable VMS)
- Increased Road and Lane Disruption Enforcement
- Arterial CCTV Cameras (60 cameras)
- Expanded arterial monitoring
- Signal Coordination (343 signals on 11 corridors)
- UPS for Traffic Signals (20 Intersections)
- LED Blank out signs for TOD turn restrictions (6 intersections)
- Communications Upgrades (383 intersections)
- Service Patrol Feasibility Study
- Traffic Assistive Personnel Feasibility Study
- Street Occupation Fee Revisions



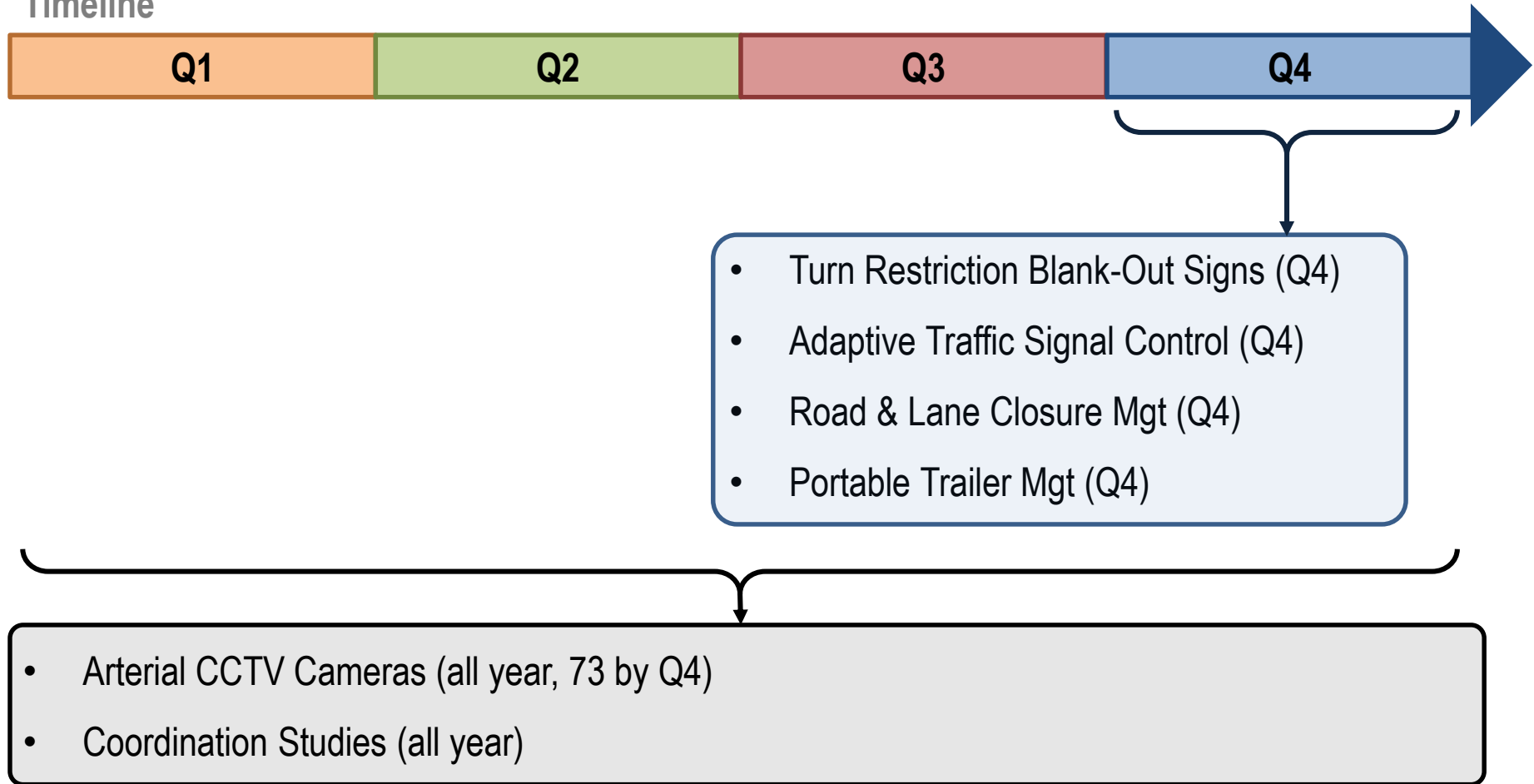
On-going Work from CMP (2016)

Timeline



On-going Work from CMP (2016)

Timeline



Future CMP Initiatives (2017-2020)

Timeline

2017

2018

2019

2020

- Traveller Information Deployments
- ATMS Software Phase 2
- TSP and Emergency Vehicle PE Deployments
- UAV readiness
- Adaptive Traffic Signal Control Ph 2
- Emergency Evacuation Routes
- Arterial Cameras Expansion
- Communication Upgrades
- Back-up TOC
- Integrated Corridor Management
- Connected/Autonomous Vehicle Readiness
- Road & Lane Closure Mgt System
- 'Big Data' Mgt
- Arterial VMS
- Active Traffic Mgt
- Bike Detection





Questions?

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