





# City of London's CAV Progress

• Staff began monitoring and researching CAV developments in 2016 in response to the Ontario Pilot Project.

London

- Developed a CAV Staff Report and Technical Background (CWC, May 28, 2018)
- Received Municipal Council resolutions and direction on June 12, 2018
- RTIWG CAV Expert Panel on February 21, 2019



Civic Works Committee Meeting May 28, 2018



## **Council's Strategic Plan 2019-2023**

### **BUILDING** a Sustainable City

Londoners can move around the city safely and easily in a manner that meets their needs.

EXPECTED RESULT	STRATEGY
Increase access to transportation options.	Build more infrastructure for walking and bicycling.
	<ul> <li>Continue to expand options and programs to increase mobility.</li> </ul>
	Develop a strategic plan for a future with connected and autonomous vehicles.
	<ul> <li>Support Londoners to access affordable public transit where they live and work.</li> </ul>
	Implement the London Transit Commission (LTC) 5 Year Specialized Service Plan.
	Implement the LTC Ridership Growth Strategy.
	<ul> <li>Implement a rapid transit system to improve the reliability and capacity of existing transit service and support London Plan city building.</li> </ul>
	Implement the LTC 5 Year Conventional Service Plan.







#### **Connected Vehicles**

- Interrelated with AVs, Connected Vehicle (CV) technology provides up-todate information to vehicles through a variety of communications channels.
- Types of CV technology include:
  - $\circ~$  Vehicle-to-Vehicle (V2V)
  - $\circ~$  Vehicle-to-Infrastructure (V2I)
  - Vehicle-to-Everything (V2X)







#### **CAV Strategic Plan – Purpose**

To better understand and prepare for the introduction of connected and automated vehicles in our community in order to improve the lives of our citizens and minimize the environmental impact of this impactful technology as it becomes more commonplace.



## **CAV Strategic Plan – Vision**

A sustainable community that integrates connected and automated vehicles into city-building and daily activities by pursuing improved safety, environmental stewardship, and travel mobility options.



#### **CAV Strategic Plan – Mission**

To engage internal and external stakeholders, identify potential implications of connected and automated vehicles, and provide a strategic plan and actions that will proactively prepare for the introduction of connected and automated vehicles.



# **CAV Strategic Plan – Values**

- Alignment with the London Plan
- Driven by community
- Environmental and climate sustainability
- Responsible governance
- Human health and community safety
- Information security and privacy
- Integrated mobility
- Supporting innovation
- Proactive leadership
- Stakeholder collaboration



#### **Strategic Areas of Focus**

- 1. Social Equity and Health
- 2. Environmental Sustainability
- 3. Economic Sustainability
- 4. Data Privacy, Security, and Governance
- 5. Urban Form
- 6. Road Safety and Security
- 7. Integrated Mobility
- 8. Transportation System Efficiency
- 9. City Fleet and Services



