

# York Region Accessibility Advisory Committee

## Transportation Services: Virtual Tours and Updates on Fleet and Intersections

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Transportation Services  
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# Introduction

- Transportation Services plans, builds and operates roads and transit services that respond to the needs of our growing communities
- Descriptive video tours and 360-degree virtual tour concept
- Update on York Region Transit (YRT) fleet
- Update on Regional Intersections





# Descriptive Video Tour and 360-Degree Virtual Tour



# Discussion 1 - Descriptive Video Tour and 360-Degree Virtual Tour

- We request your feedback on the descriptive tour videos that were part of your background package. This will help us create future descriptive accessible videos
- What else could we add to make the descriptive tour videos (transit vehicles and intersections) more effective?
- As we explore the concept of a 360-degree virtual tour and look at best practices provided in the background package, what do you recommend we include for accessibility of all users?

# Electrification and Greening of Transit Vehicles

- York Regional Council approved the purchase of six 40-foot, battery electric buses in 2019
- YRT will continue to purchase a limited number of electric buses each year between 2021 and 2029 to move forward with building the electric bus fleet
- York Region's goal of zero greenhouse gas emissions by 2051





# Fleet Technology

- Collision Avoidance and Pedestrian Warning system improves pedestrian safety
- Autonomous Emergency Braking (AEB) systems start braking automatically and can detect a potential collision
- Driver Support system monitors driving behaviour and provides real-time alerts to the vehicle operator in case safety thresholds are exceeded



# Keeping You Safe





## Discussion 2 — Fleet Updates

- What barriers or gaps do we need to address regarding accessibility features or layout in our future vehicles?
- What additional information would you like to know about our transit fleet?







# Intersection Update

- Over 900 signalized intersections in York Region
- Since 2015 we have been rebuilding intersections
- So far, more than 240 intersections now meet *AODA* requirements



# Intersections Have Evolved

- Traffic control signals have evolved
- Pedestrian signals added
- Change to symbols from text
- Push buttons to reflect pedestrian demand
- Countdown signal heads become the standard







# Accessible Intersections

- In 2015, York Region began to reconstruct intersections to meet *AODA* requirements:
  - Tactile walking indicator plates
  - Audible pedestrian signals
  - Ramps separated by direction and oriented to direct pedestrians in the correct direction of travel





# Under Construction

- Construction is disruptive to all users
- We have learned to avoid reconstructing all quadrants simultaneously
- We now only reconstruct two opposing quadrants at a time to avoid pedestrian challenges





## Discussion 3 — Accessible Intersections

- What barriers or gaps do we need to address when planning and building accessible intersections?
- What more can we do or what can we do differently?
  - Some municipalities place tactile plates across the entire corner. Is this suitable?
- What else would you like to know about accessible intersections?

## Next Steps:

- Transportation Services will continue to work with and provide updates to the York Region Accessibility Advisory Committee on various types of services and projects
- The Accessibility Team will reach out over the next couple of months to seek additional feedback as Transportation Services starts to develop a 360-degree tour tool



# Thank You

