



Managing Transportation Demand in Markham

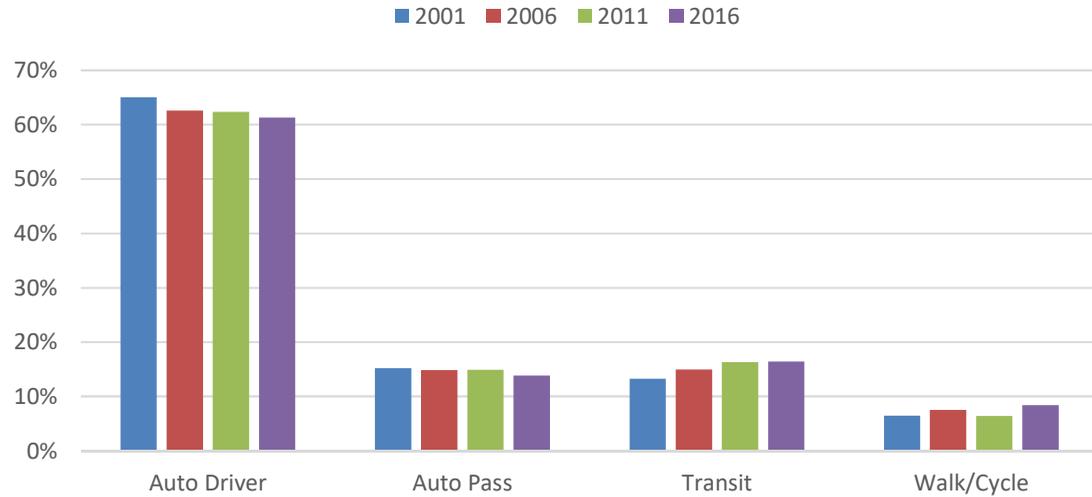
Special Development Services Committee Meeting

January 22, 2020

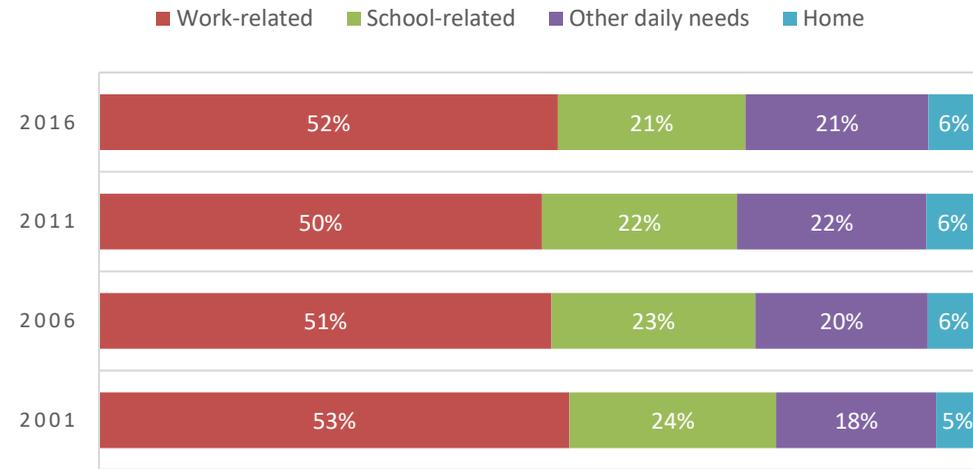


AM Peak Period Trip Characteristics for Markham

MODE SHARE



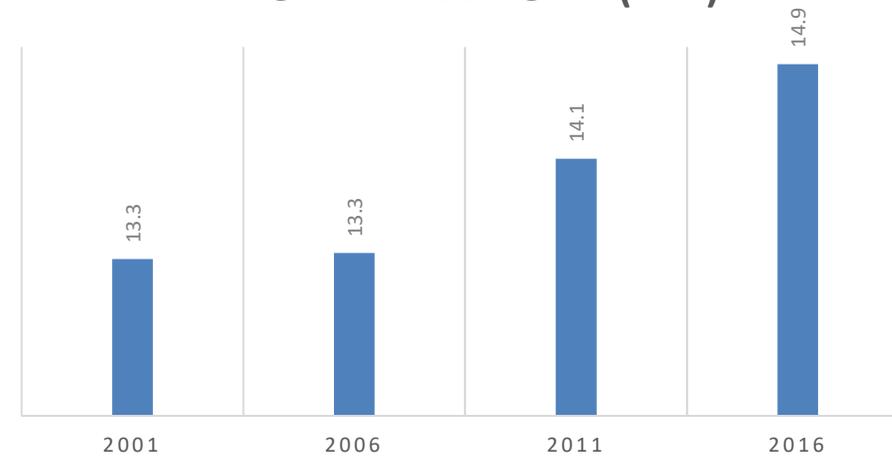
TRIP PURPOSE



TRIP RATE



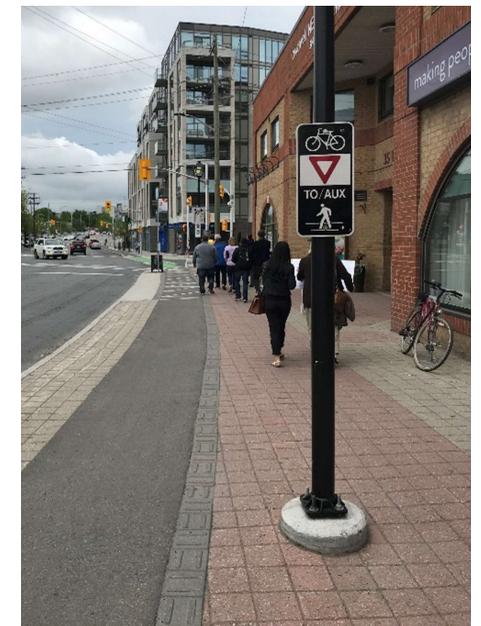
AVG. TRIP LENGTH (KM)



Data Source: 2016 Transportation Tomorrow Survey

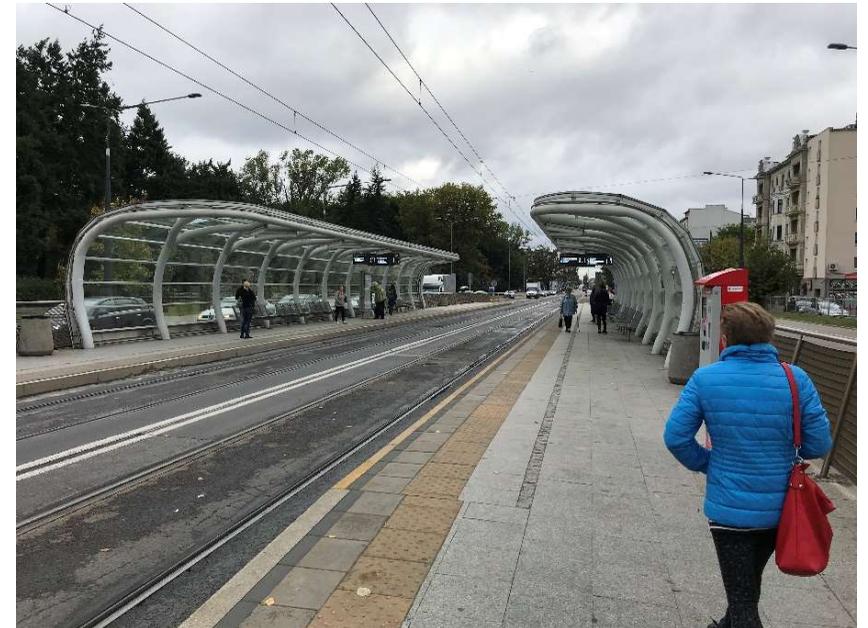
Markham's Transportation Challenge

- To accelerate the transition from a primarily car-dependent community to one where walking, cycling, transit and carpooling are seen as increasingly viable and attractive alternatives
- To develop a transportation system that increases mobility options for all users, including pedestrians, cyclists and transit riders
- To plan and design Markham's streets and the Region's arterial roads to better balance the needs of all road users including pedestrians, cyclists, transit users and motorists



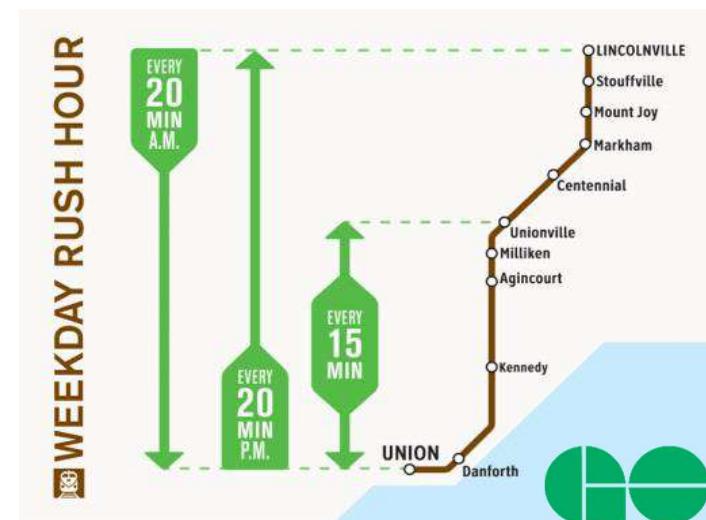
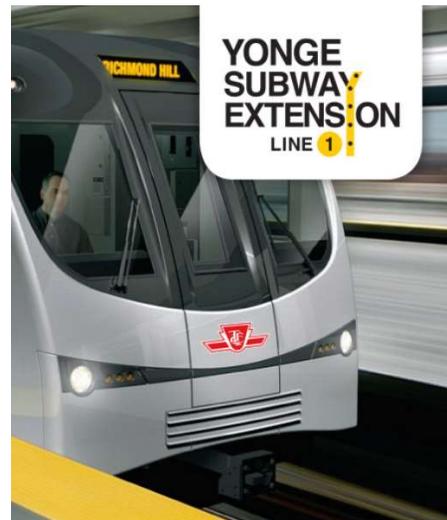
Markham's Transportation Strategy

- selective road capacity enhancements;
- increased and enhanced transit services;
- transit-supportive development;
- transportation demand management (TDM); and
- active transportation.



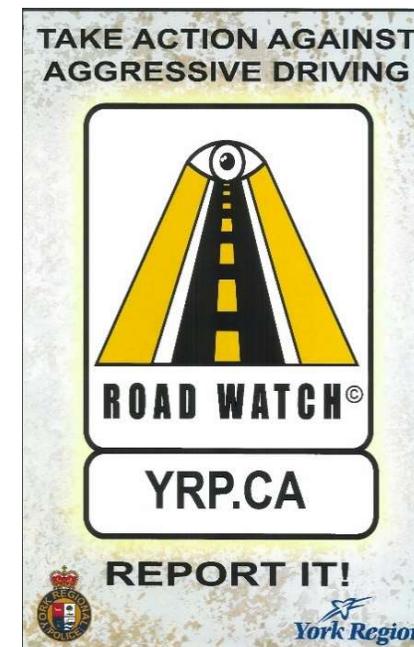
Support Regional Projects

- Regional improvements in transit, TDM and active transportation infrastructure and services:
 - Metrolinx (e.g. Yonge subway, RER & GO stations)
 - York Region (e.g. Viva, transit/HOV network, YRT)
 - MTO (e.g. H404 HOV lanes, H407 Transitway plan)



Active Transportation Projects

- Active school travel programs and pilots
- Sidewalk network completion program (10-year capital plan)
- Bikeway and trails network projects (e.g. Rouge Valley Trail, Lake-to-Lake Route, John Street MUP, Markham Centre Trail)
- Pedestrian safety initiatives:
 - School crossing guards
 - Pedestrian cross-overs
 - Zebra crosswalks
 - Accessibility improvements at traffic signals
 - YR-Police Road Watch program
- Markham Cycling Day
- Markham Cycles Community Bike Hub
- Smart Commute Markham Richmond Hill
- Active Transportation Master Plan study (on-going)



Traffic Safety Projects

- Intersection control when warrants are met:
 - All-way stops
 - Traffic signals
- Traffic calming:
 - Radar speed display boards
 - Edge-line pavement markings
 - Centreline flex posts in school zones
- Parking restrictions
- Traffic signal coordination
- Road safety planning



Summary

- Encourage walkable/bikeable and transit-supportive development plans
 - Fine grain street network with major and minor collector roads
 - Protected (in-boulevard) cycling facilities
 - Sidewalks on both sides of collector roads
- Complete and enhance the City-wide sidewalk and bikeway networks
- Focus on initiatives that improve and promote the safety of walking and cycling

