

# Managing Transportation Demand in Markham

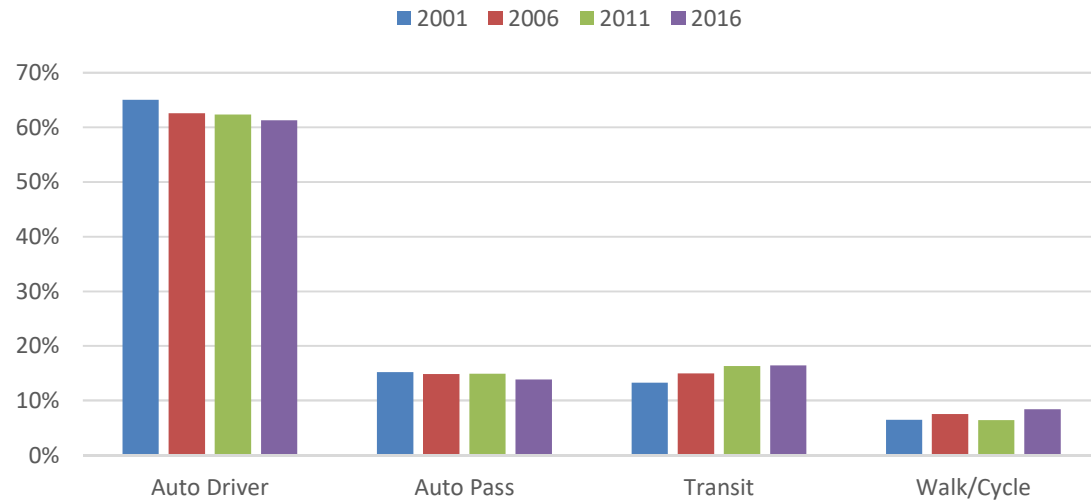
Special Development Services Committee Meeting

January 22, 2020

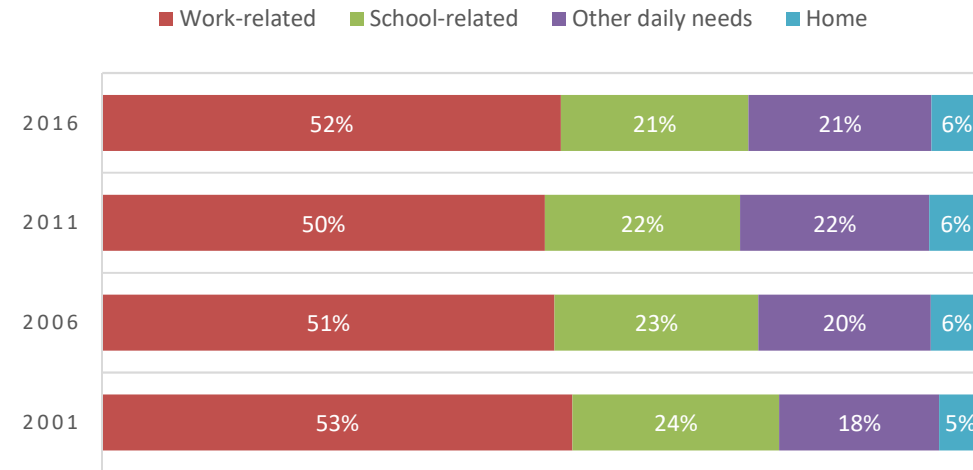


# AM Peak Period Trip Characteristics for Markham

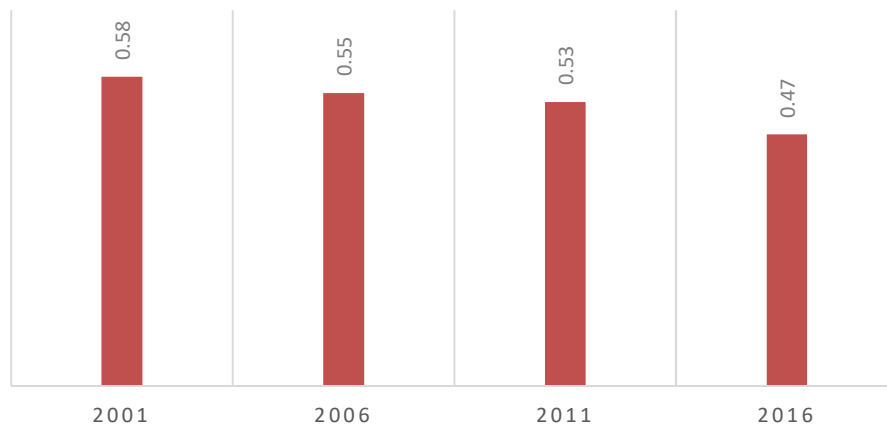
## MODE SHARE



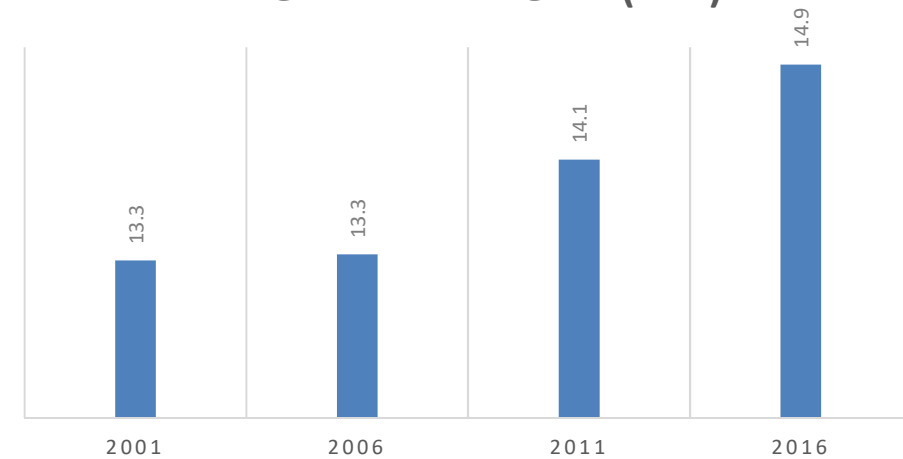
## TRIP PURPOSE



## TRIP RATE

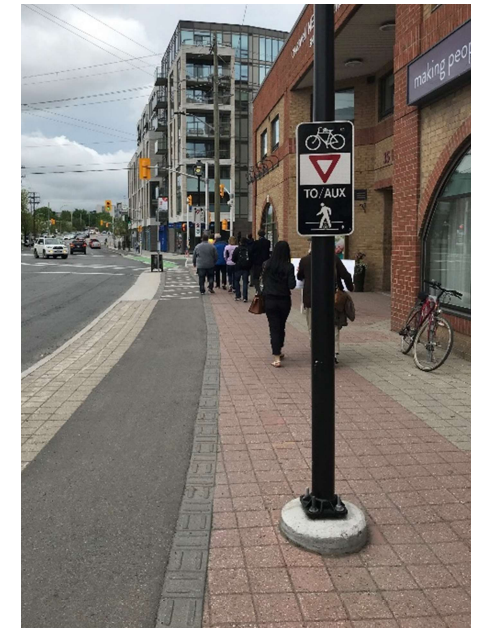
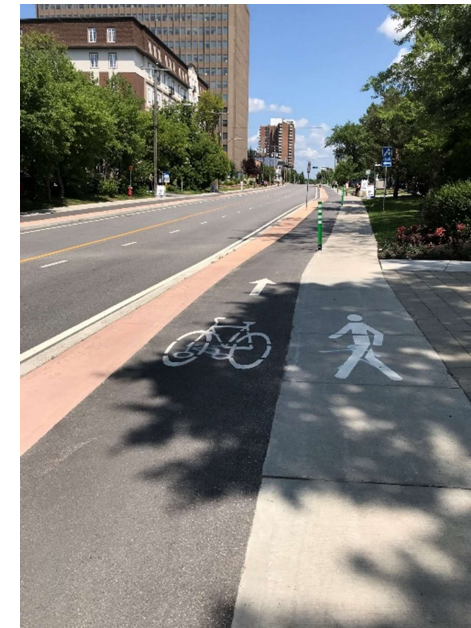


## AVG. TRIP LENGTH (KM)



## 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

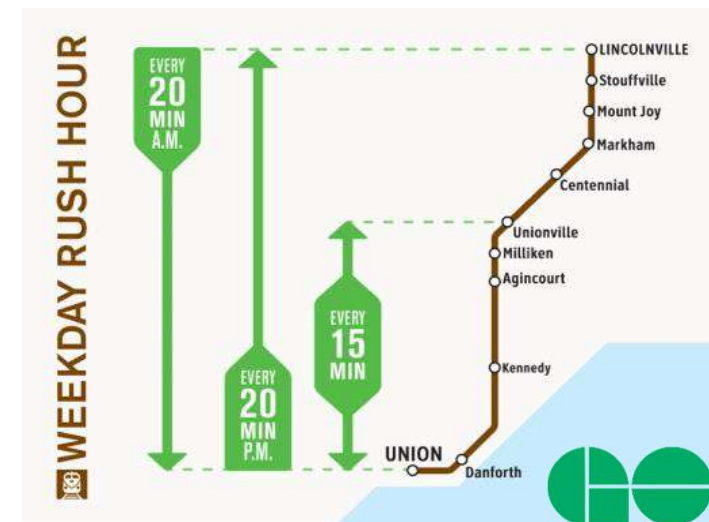
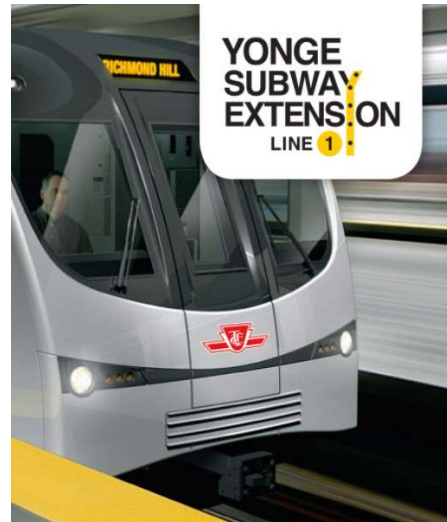
- selective road capacity enhancements;
- increased and enhanced transit services;
- transit-supportive development;
- transportation demand management (TDM); and
- active transportation.





## Support Regional Projects

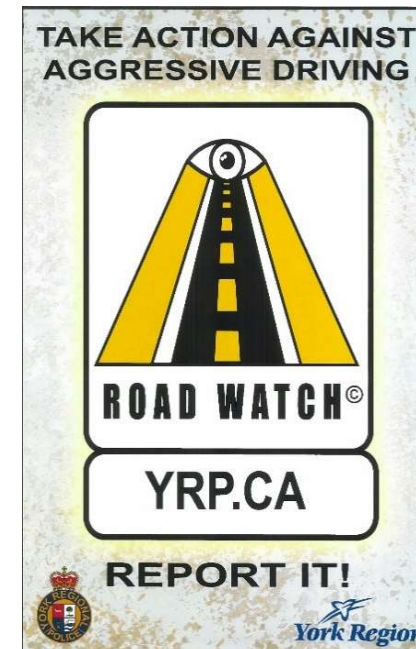
- Regional improvements in transit, TDM and active transportation infrastructure and services:
  - Metrolinx (e.g. Yonge subway, RER & GO stations)
  - York Region (e.g. Viva, transit/HOV network, YRT)
  - MTO (e.g. H404 HOV lanes, H407 Transitway plan)





## 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

