



# Dallas Midtown - Automated Transportation System

## Conceptual Engineering Study



**Study Review Committee Meeting #2**  
**May 11, 2018**



**North Central Texas**  
**Council of Governments**

## Safety Moment

# **DISTRACTED WALKING**

## **ARE YOU AT RISK?**



# Agenda

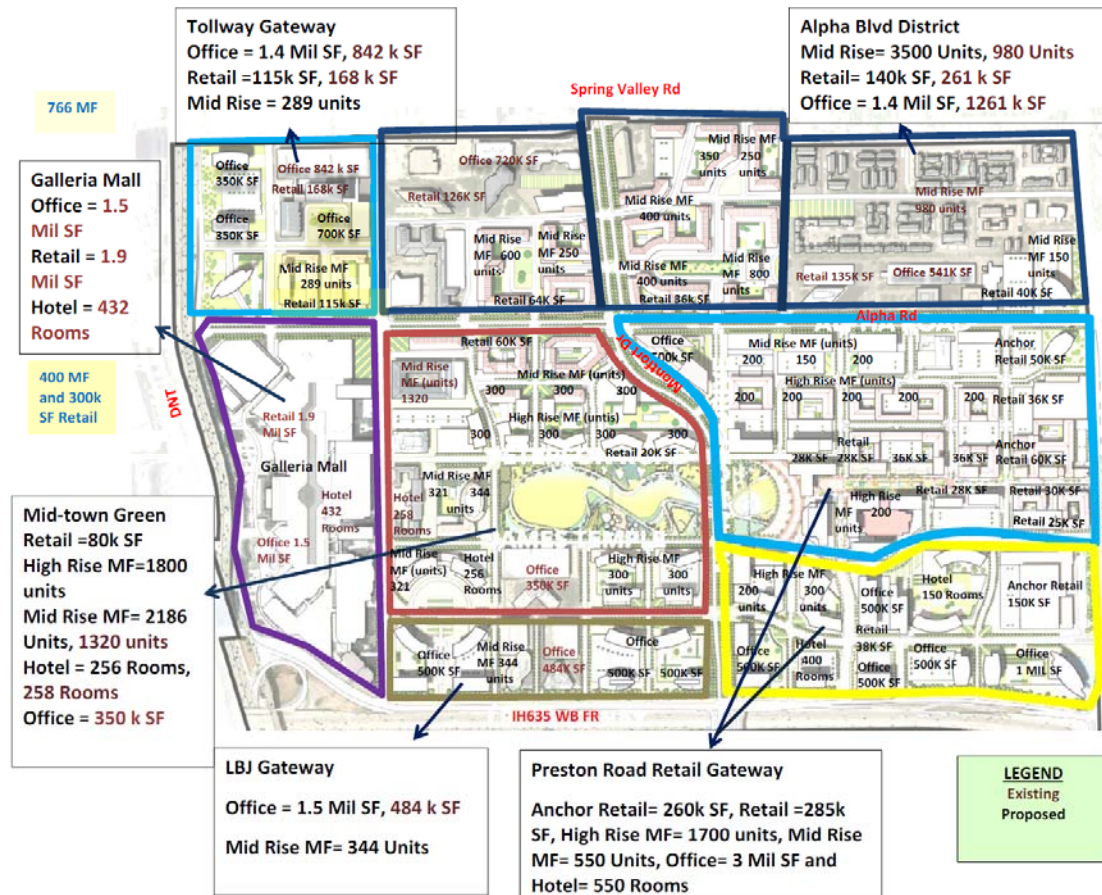
- Welcome and Introductions
- Opening Comments
- Updated Master Plan
- Travel Demand Model Methodology Review
- Update on Ridership Estimate Tool
- Parking Analysis
- Technology White Paper Highlights
- Questions/ Discussion
- Closing Remarks
- Announcements

# Opening Comments

## Recent Local Events in Automated People Movers

- Mobility 2045: The Metropolitan Transportation Plan for North Central Texas
- Texas Self-Driving Vehicle Summit: The Future of Transportation, Today
- Drive.ai launching first autonomous ride-hailing service in Texas (Frisco)

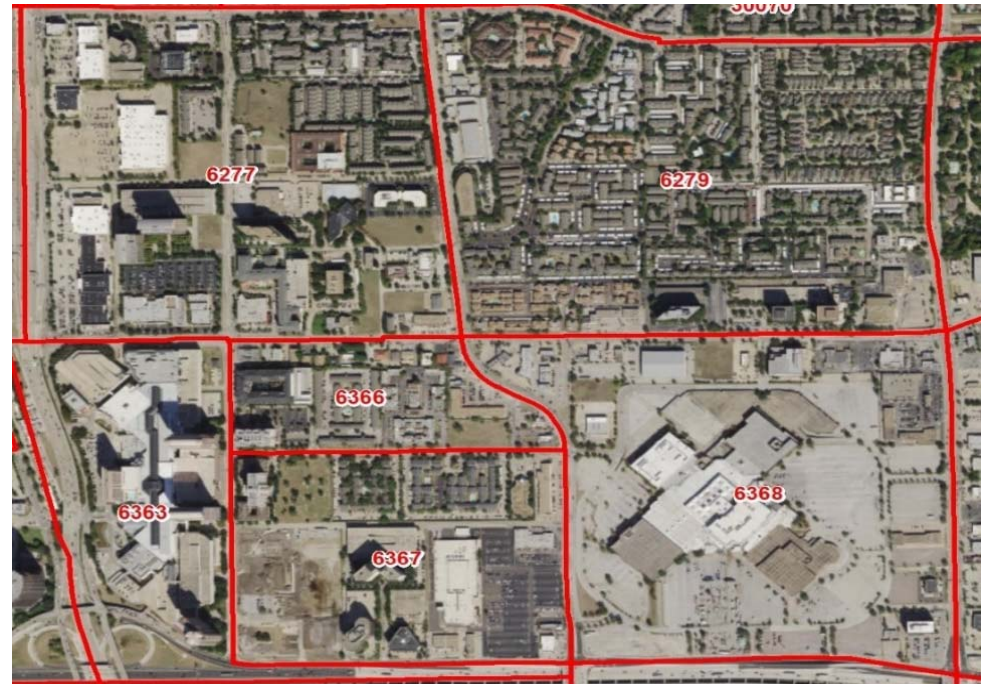
# Updated Master Plan



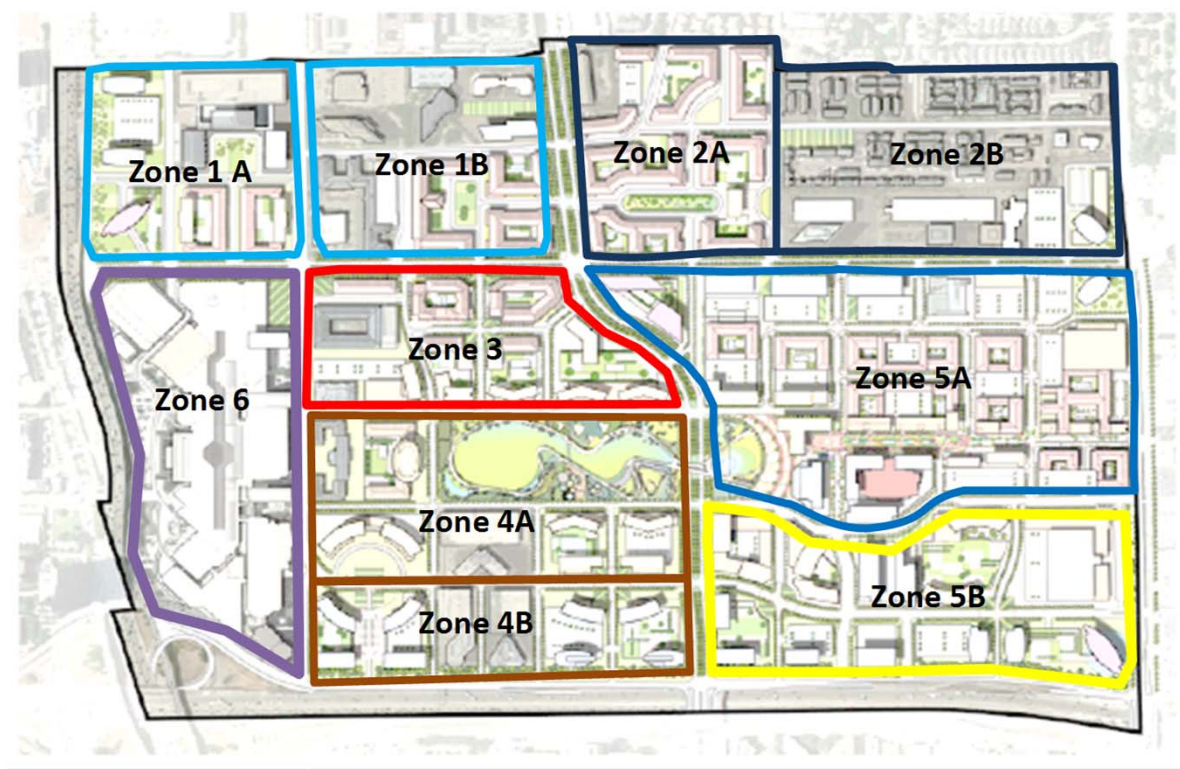


# Travel Demand Model Review

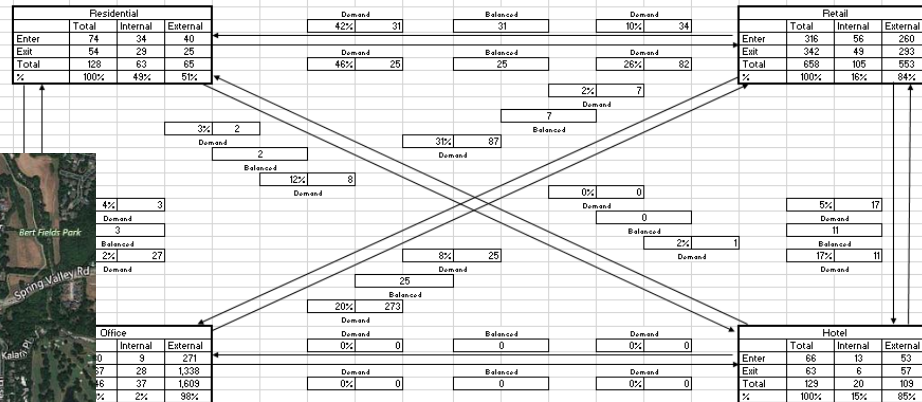
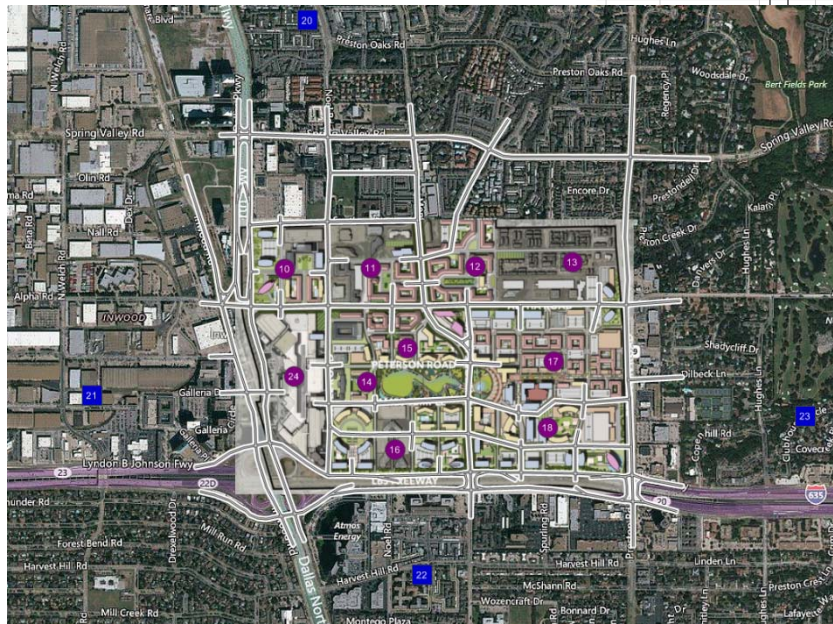
- Reviewed NCTCOG Travel Demand Model Travel Survey Zones (TSZ) and demographics.
- Aligned study travel demand analysis zones with regional model with increased granularity
- Working with NCTCOG to update demographics for the zones related to Dallas Midtown.



# Ridership Estimation Methodology



# Update on Ridership Estimate Tool





# Parking Analysis Collaboration

- Jacobs provides:
  - Demand based on model and updates land use
  - People mover stop locations
  - Possible structure location based on model
- Walker provides:
  - Structure analysis
  - Entering and exiting volumes for each structure
  - Conceptual renderings



# Technology White Paper

- Overview of available and upcoming technologies in ATS

Monorail

Cable-propelled Systems

Gondolas

Personal Rapid Transit

Group Rapid Transit

Automated Vehicle Shuttle

Automated Vehicle Fleet

Future Concepts



# Thanks for attending!

## Study Contact Information

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