



# Love Field Modernization Program

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**Assistant Director**



# The Dallas Airport System

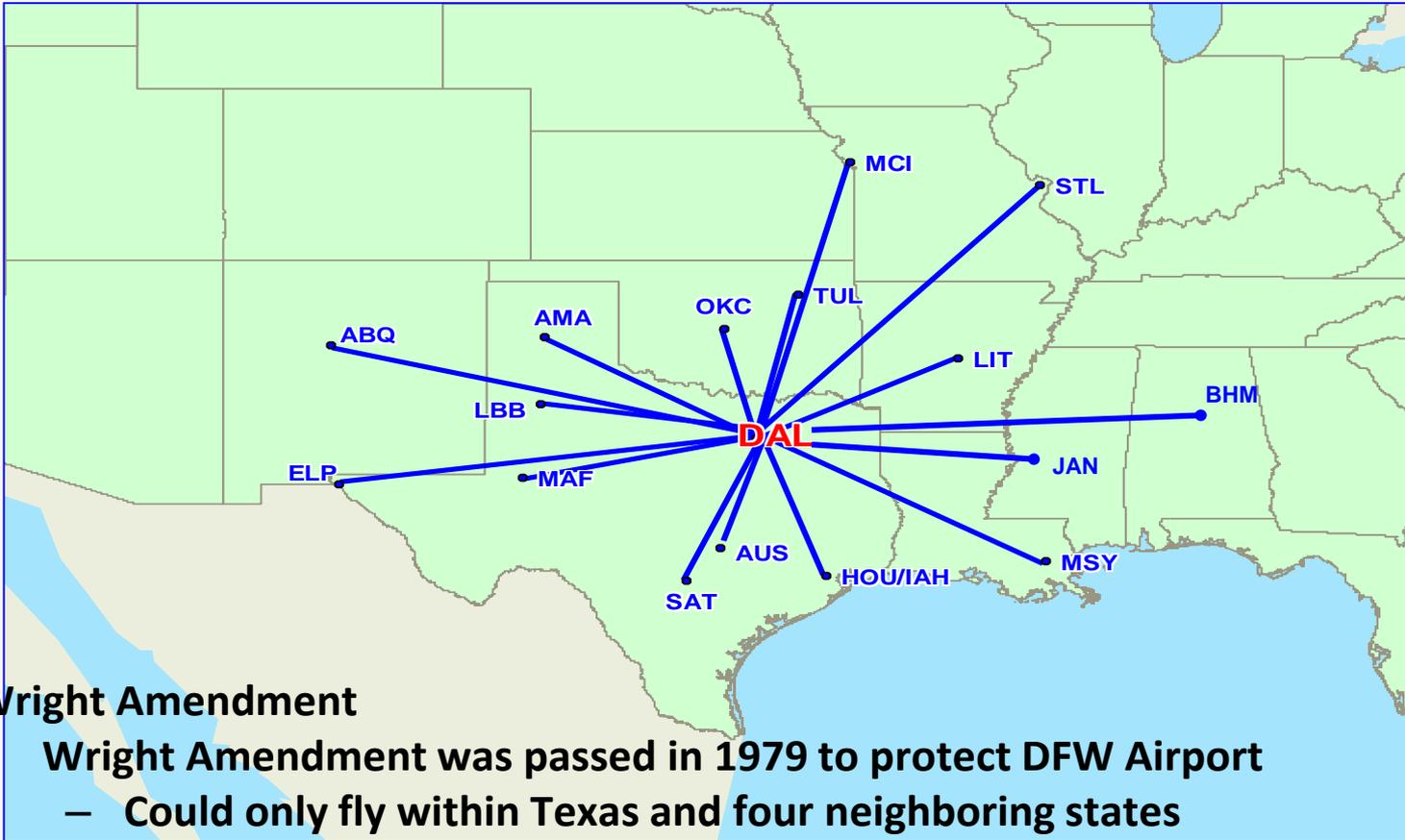


Dallas Love Field, Dallas Executive Airport,  
Downtown Vertiport

A \$65 million City of Dallas enterprise

Operated by the Department of Aviation as a  
financially self-sufficient Enterprise Fund with \$0  
Taxpayer support

# Changing landscape



## Wright Amendment

- Wright Amendment was passed in 1979 to protect DFW Airport
  - Could only fly within Texas and four neighboring states
- Updates to Amendment
  - 1997 and 2005, additional states were added

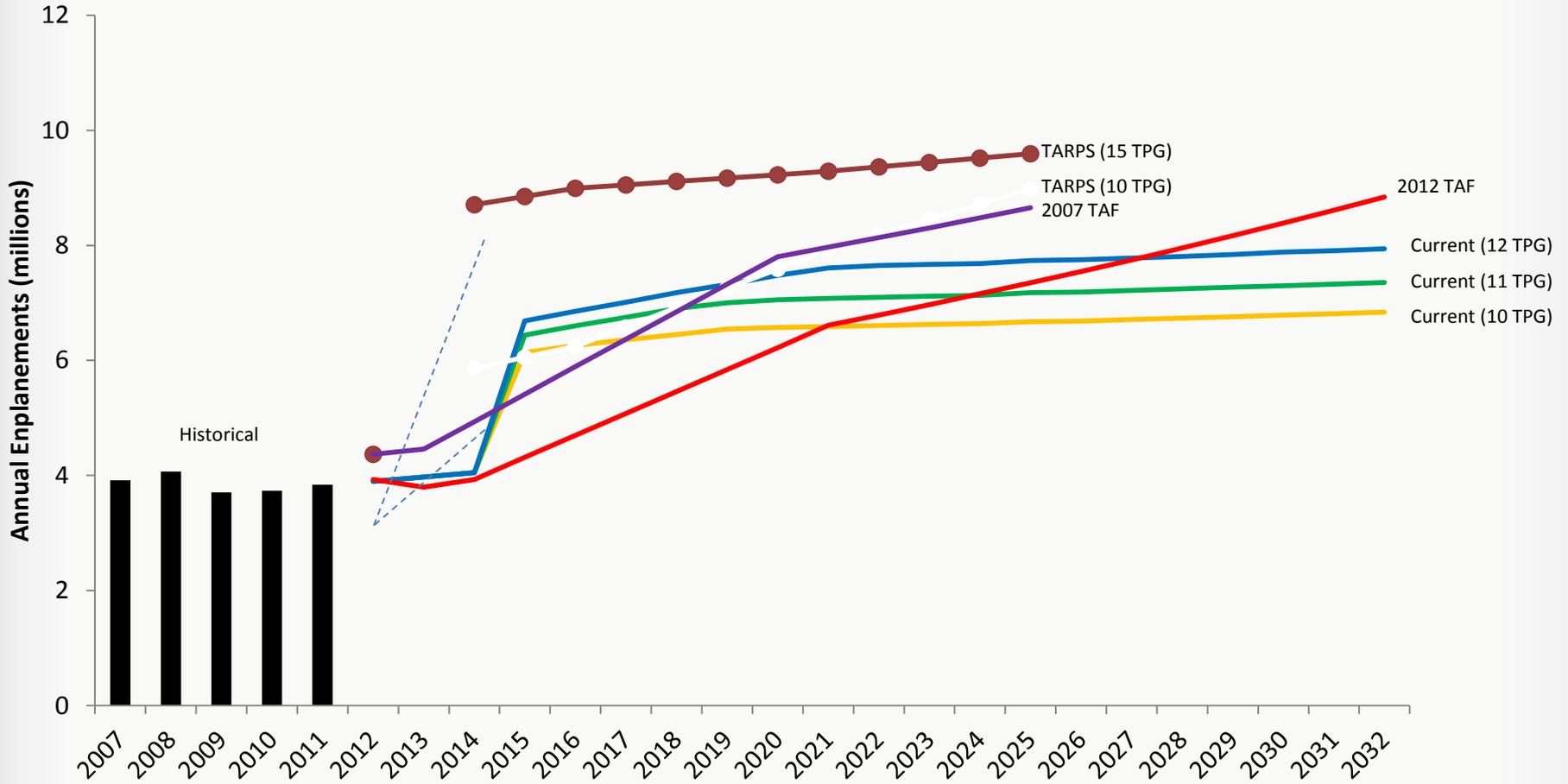
# Changing landscape

- 5-Party Agreement to seek full repeal of Wright Amendment
  - Dallas, Fort Worth, DFW Airport, Southwest, and American Airlines
- Terms
  - Gates reduced from 32 to 20
  - Domestic flights only
- Repeal completely lifted in 2014

# New Service Will Likely Materialize



# Forecast Comparisons (Enplanements)

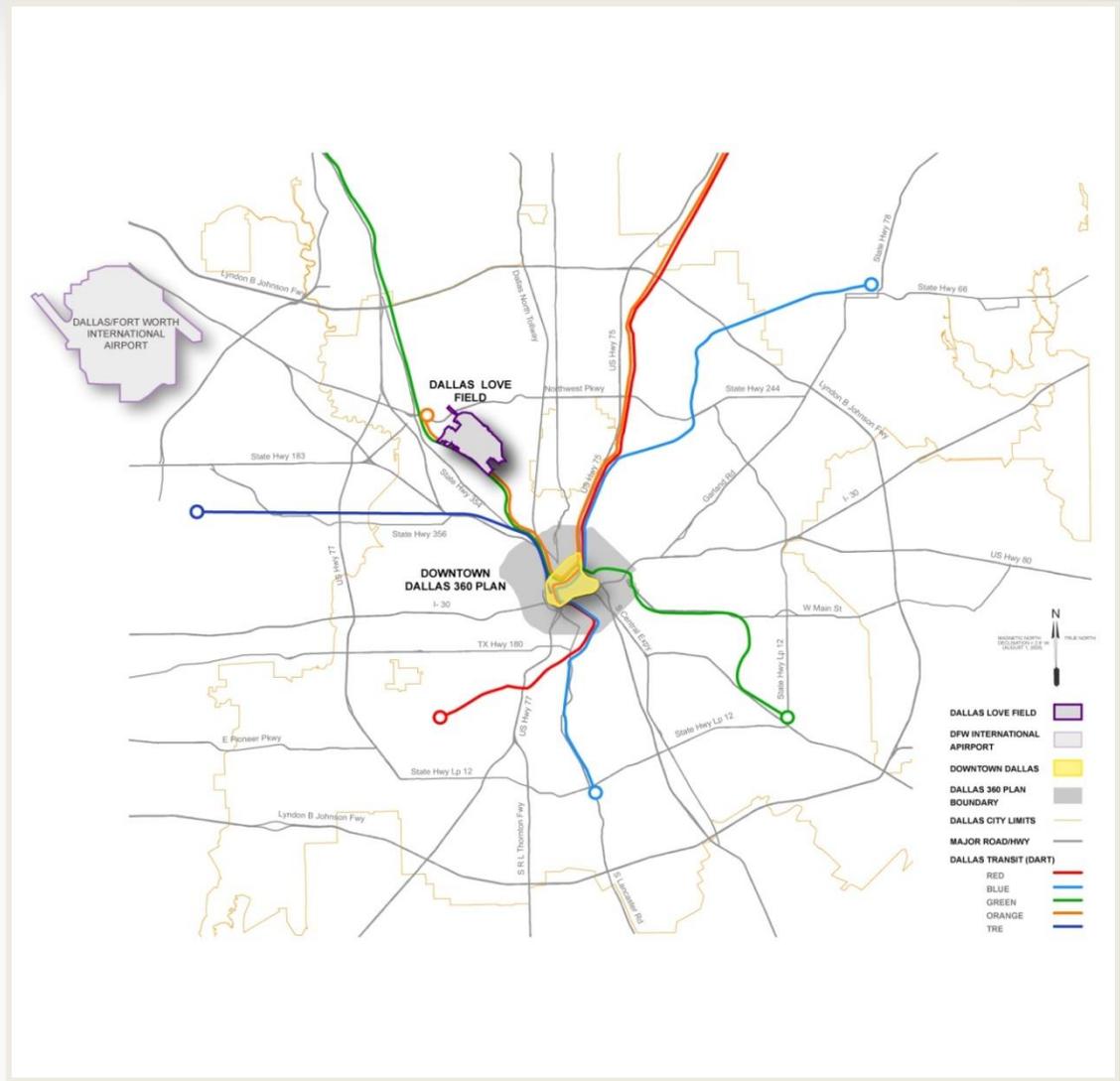


# Automated People Mover First Attempt

# People Mover/Rail Connection

- Opportunity exists to enhance travelers connectivity with a nexus to the DART Green line
  - City and DART did not have necessary funding at time of Green Line construction to have alignment stop at airport
- Several factors need to be considered regarding ridership, construction costs, and annual O&M before decision can be made to move forward with connection
- Possible synergy with
  - Street car initiatives
  - Development of Love Field's east side
  - Development of a Consolidated Rental Car Parking Center

- As radial spokes from the Dallas core, DART light rail lines provide access to and from the downtown for all areas of the city, including Love Field.
- Local DART bus routes supplement these rail spokes, providing convenient connections to rail stops and Dallas destinations.
- The DART Love Field-39 bus route connects with the Green and Orange rail lines at the Inwood/Love Field station and brings riders directly to and from the Love Field terminal.



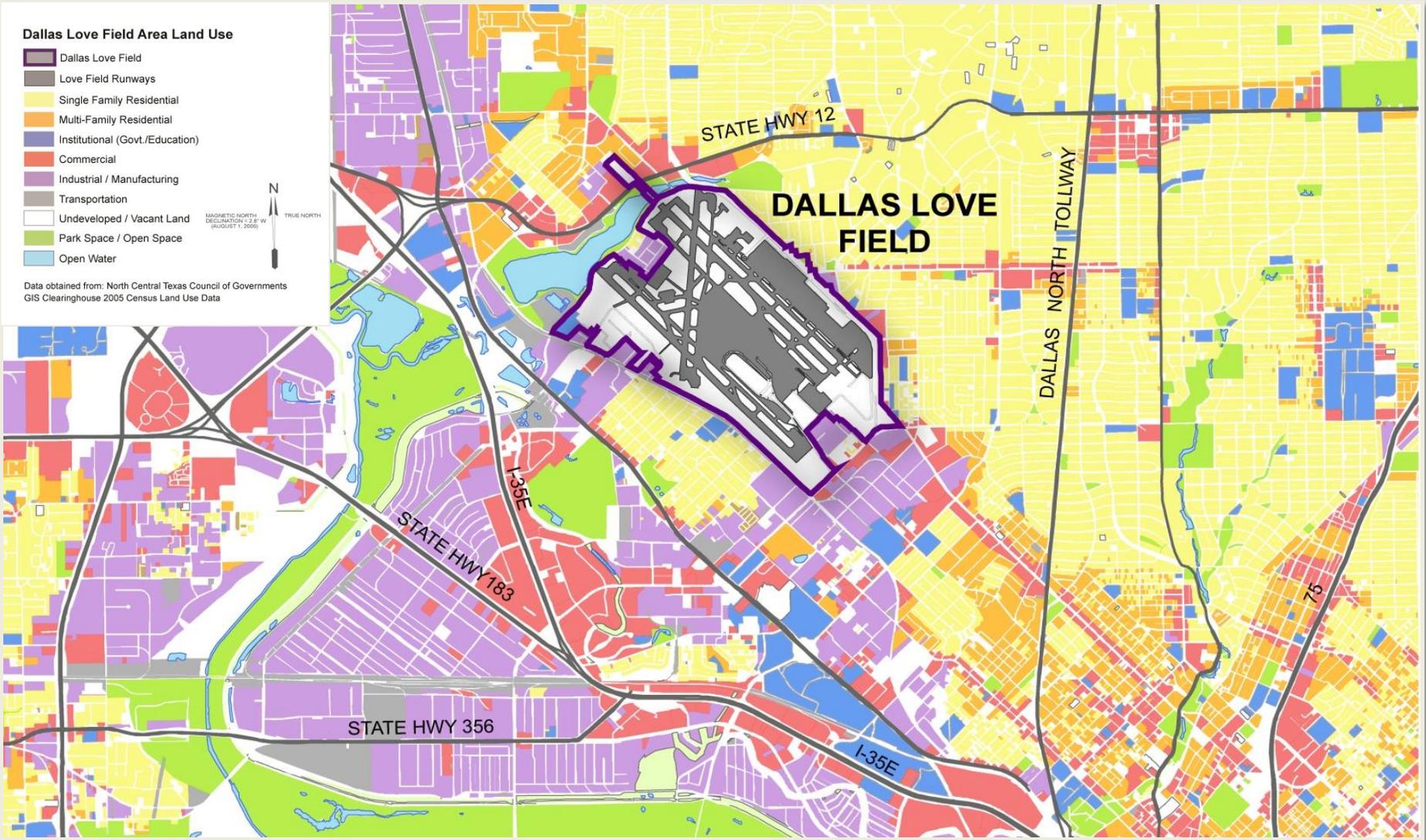
### Dallas Love Field Area Land Use

- Dallas Love Field
- Love Field Runways
- Single Family Residential
- Multi-Family Residential
- Institutional (Govt./Education)
- Commercial
- Industrial / Manufacturing
- Transportation
- Undeveloped / Vacant Land
- Park Space / Open Space
- Open Water

MAGNETIC NORTH  
DECLINATION: 2.8° W  
(AUGUST 1, 2005)

TRUE NORTH

Data obtained from: North Central Texas Council of Governments  
GIS Clearinghouse 2005 Census Land Use Data



# Automated People Mover



Schwager Davis UniTrak  
Clarian Health Center,  
Indianapolis, Indiana



Mitsubishi Crystal Mover,  
Singapore Changi International Airport, Singapore

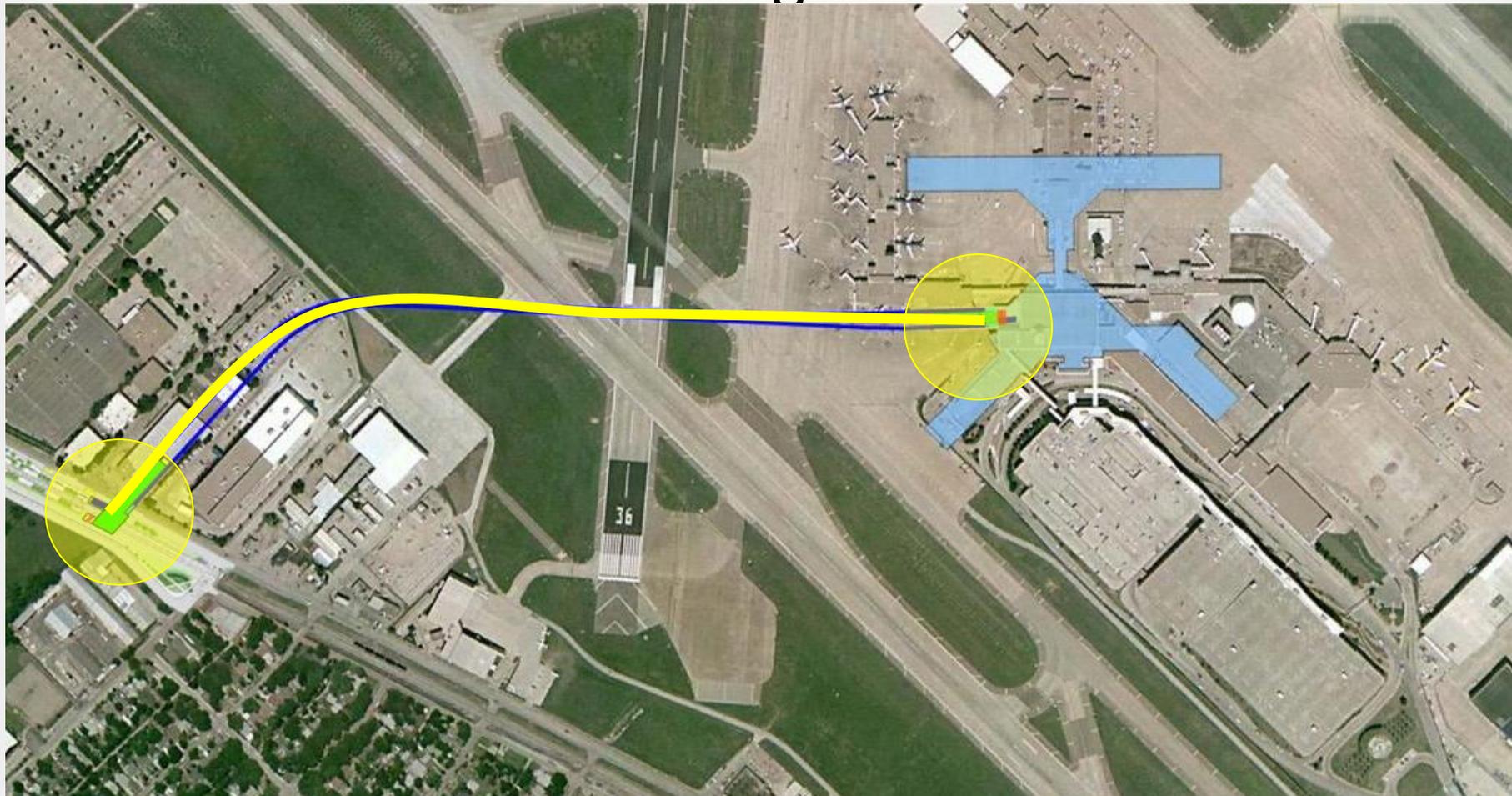


Bombardier Innovia,  
Dallas/Fort Worth International Airport, Texas



DCC Doppelmayr Cable Liner Shuttle,  
Mexico City International Airport, Mexico

# Sept 22 Recommendation APM Alignment

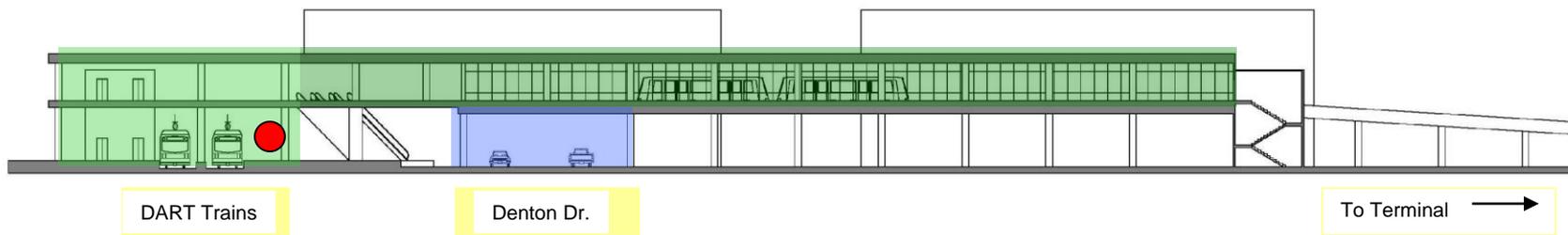


- Wait time of 2.4 minutes at Either Station
- Ride time of 1.9 minutes Between Station at Denton and Terminal

# Recommended Station Concept at DART Denton Station Elevated Platform with Bridge Over Denton Rd.



0 50 100 200 400



0 15 30 60

Lea Elliott

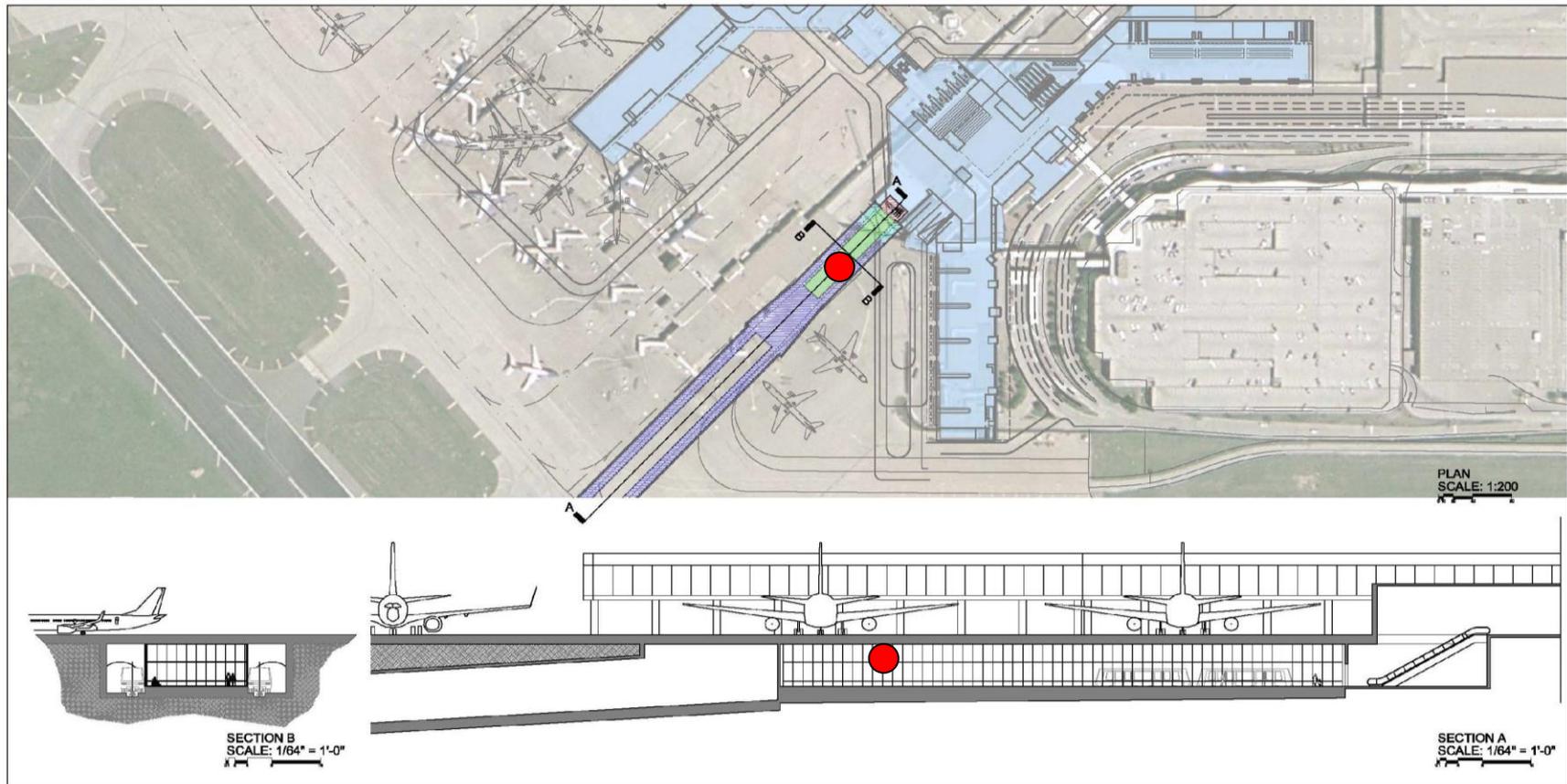


alb+Blair  
ARCHITECTS & PLANNERS, L.L.C.

**DART - LOVE FIELD STATION CONCEPT 2C**  
**DLFSO2C**



# Recommended Station Concept at Terminal Building Enter near Center of Lobby Can be Constructed During LFMP



Lear + Elliott



alb + Blair  
ARCHITECTS & PLANNERS, L.L.C.

**TERMINAL STATION CONCEPT 1B**

**TSO1B**

# Automated People Mover New Strategy



Terminal

New Parking Garage

Central Receiving Facility

Field Maintenance Facility

APM

DART Inwood Station

Rental Car Facility

Airport Property Boundary



Terminal

New Parking Garage

Central Receiving Facility

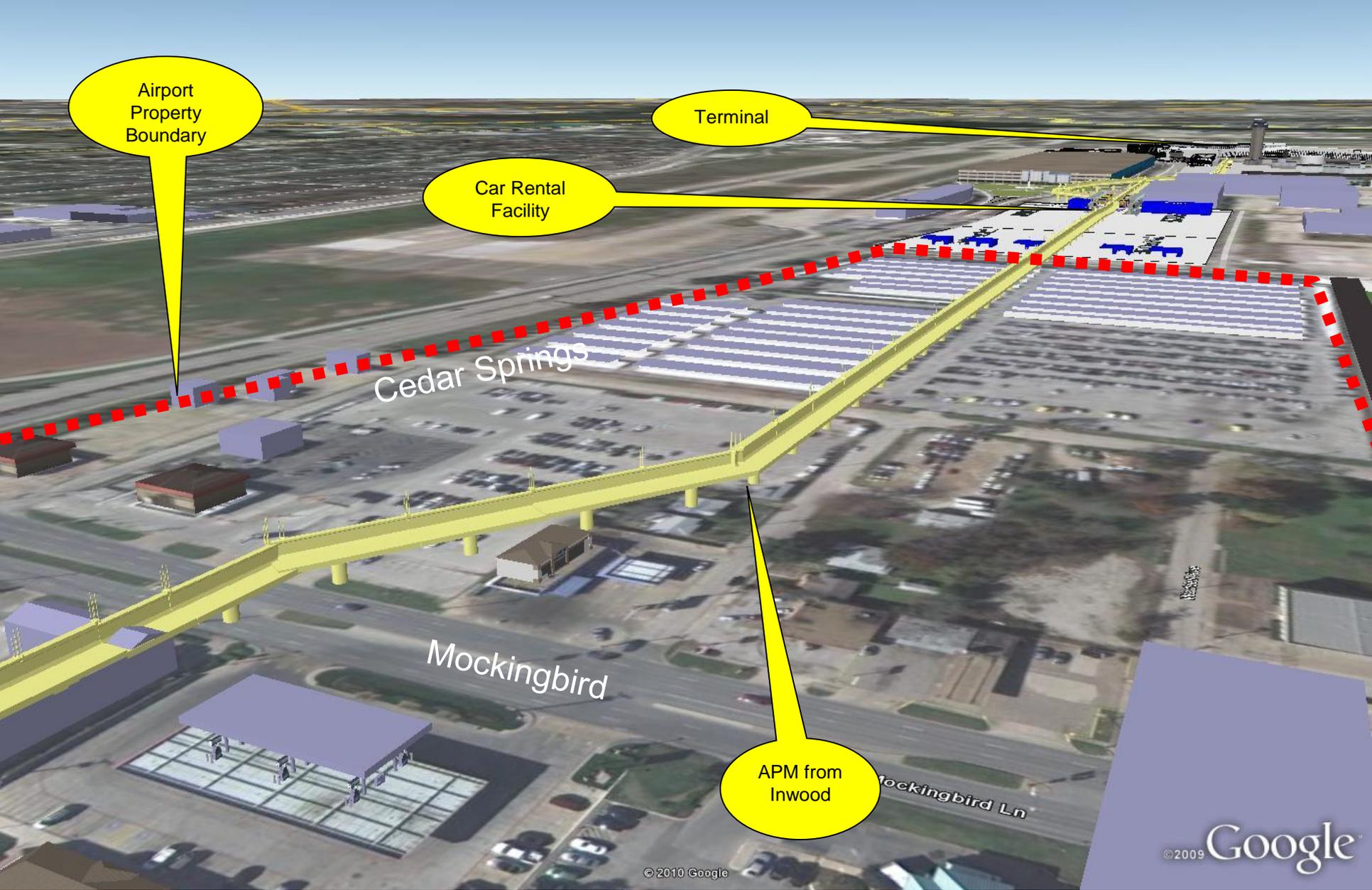
Field Maintenance Facility

APM

DART Inwood Station

Rental Car Facility

Airport Property Boundary



Airport  
Property  
Boundary

Terminal

Car Rental  
Facility

Cedar Springs

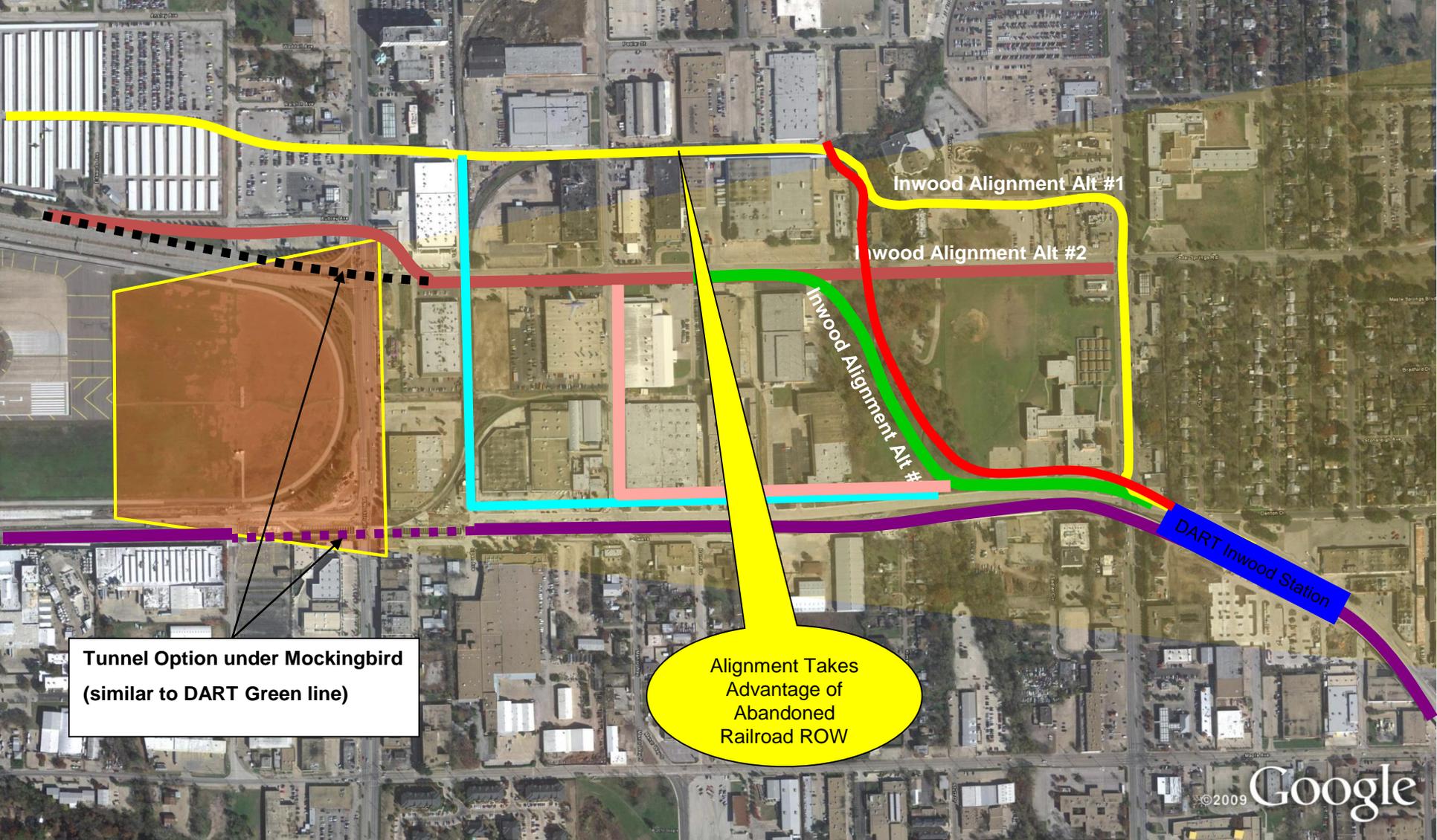
Mockingbird

APM from  
Inwood

Mockingbird Ln

© 2009 Google

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Distance from Inwood to Terminal is 2 miles

Thank You