

# Memorandum



CITY OF DALLAS

DATE October 21, 2016

TO The Honorable Members of the Transportation and Trinity River Project Committee:  
Lee M. Kleinman (Chair), Deputy Mayor Pro Tem Erik Wilson (Vice-Chair), Sandy Greyson,  
Mayor Pro Tem Monica R. Alonzo, Adam Medrano, and Casey Thomas II

SUBJECT I-30 / US 80 Projects  
I-30 From Hotel Street to Bass Pro Drive  
and US 80 from I-30 to FM 460

On Monday, October 24, 2016, you will be briefed on I-30 and US 80 Projects. The Briefing materials are attached for your review.

Please feel free to contact me if you have any questions or concerns.

A handwritten signature in black ink that reads "Jill Jordan".

Jill A. Jordan, P.E.  
Assistant City Manager

c: Honorable Mayor and Members of the City Council  
A.C. Gonzalez, City Manager  
Larry Casto, City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant City Manager

Eric D. Campbell, Assistant City Manager  
Alan E. Sims, Chief of Neighborhood Plus  
Mark McDaniel, Assistant City Manager  
Joey Zapata, Assistant City Manager  
M. Elizabeth Reich, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager – Mayor & Council



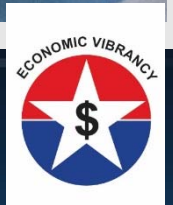
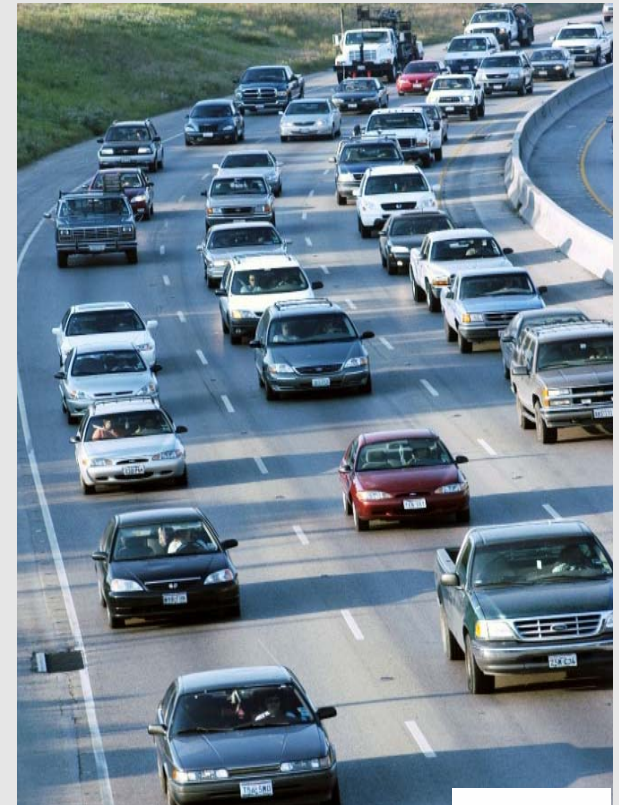
# TEXAS DEPARTMENT OF TRANSPORTATION



## I-30/US 80 PROJECTS

I-30 FROM HOTEL STREET TO BASS PRO DRIVE AND  
US 80 FROM I-30 TO FM 460

CITY OF DALLAS -  
TRANSPORTATION & TRINITY RIVER  
CORRIDOR COMMITTEE  
OCTOBER 24, 2016



# The I-30 and US 80 Projects

## What are the I-30 and US 80 Projects?

The projects will study the following highway segments:

**I-30** from east of I-35E near downtown Dallas to Bass Pro Drive in Garland (17 miles),  
and

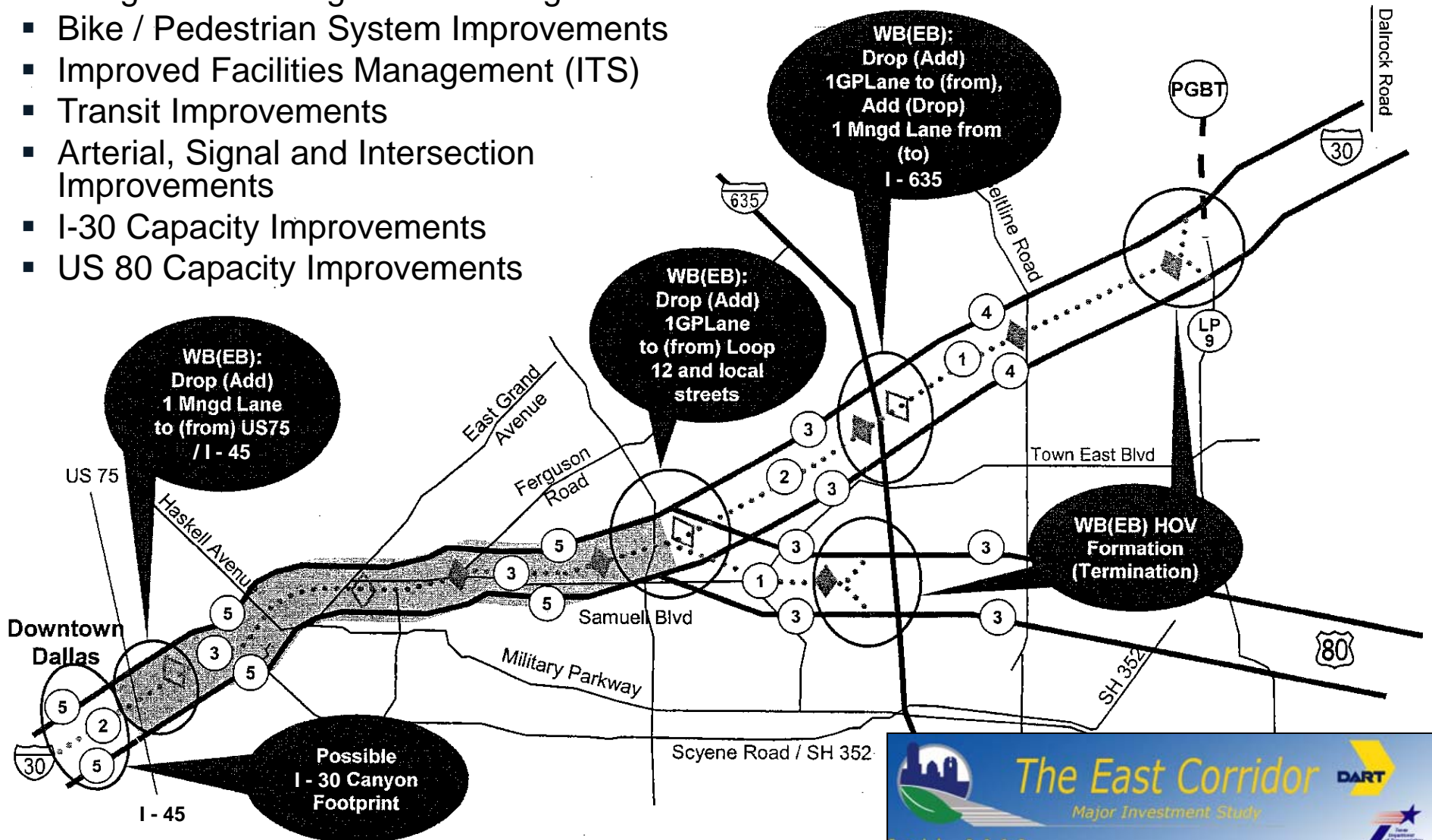
**US 80** from I-30 in Dallas (near Big Town Blvd.) to FM 460 (Clements Rd.) in Forney (11 miles)

Formerly known as the East Corridor project, the I-30 and US 80 projects are a TxDOT study to develop long-term transportation and operational improvements along I-30 and US 80 generally east of downtown Dallas, across eastern Dallas County and the western edge of Kaufman County. The purpose of the projects is to improve safety, address congestion, improve traffic operations, and address roadway deficiencies.

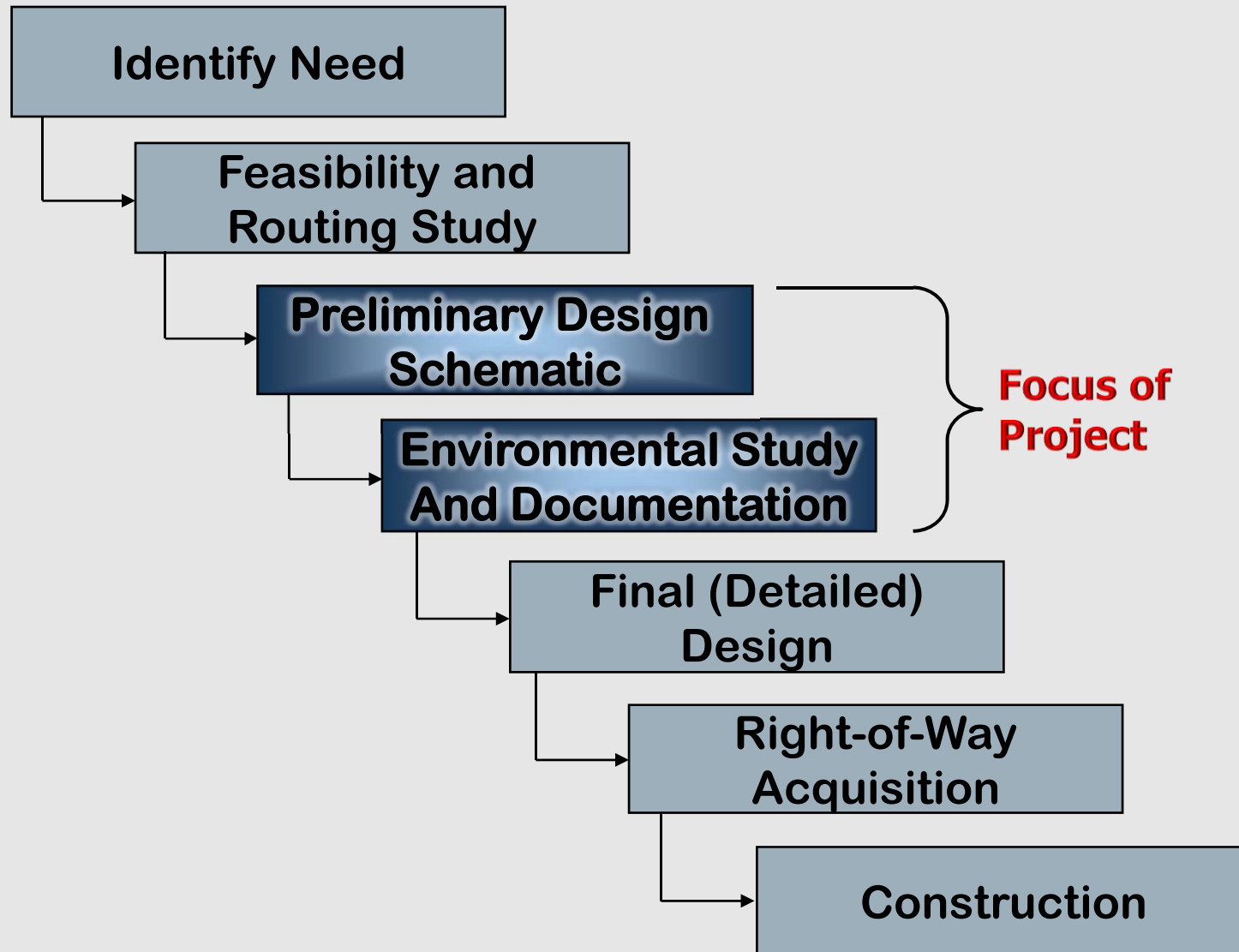


# 2003 East Corridor Major Investment Study (MIS) Recommendations

- Congestion Management Strategies
- Bike / Pedestrian System Improvements
- Improved Facilities Management (ITS)
- Transit Improvements
- Arterial, Signal and Intersection Improvements
- I-30 Capacity Improvements
- US 80 Capacity Improvements



# Project Development Process



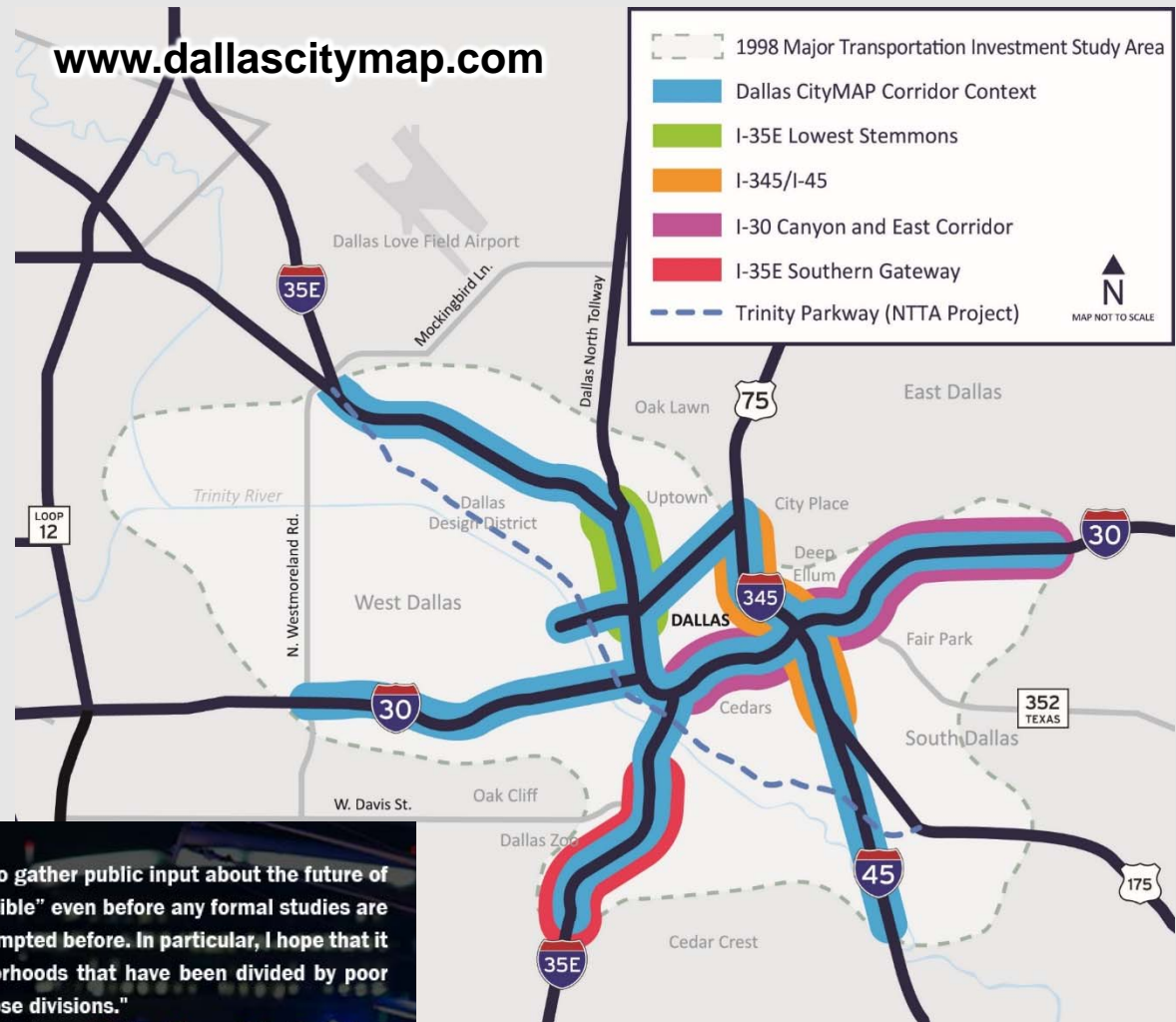
# CityMAP Scenarios

## ■ I-30

- Canyon Compressed
- East Corridor Below Grade
- Relocate

## ■ I-345

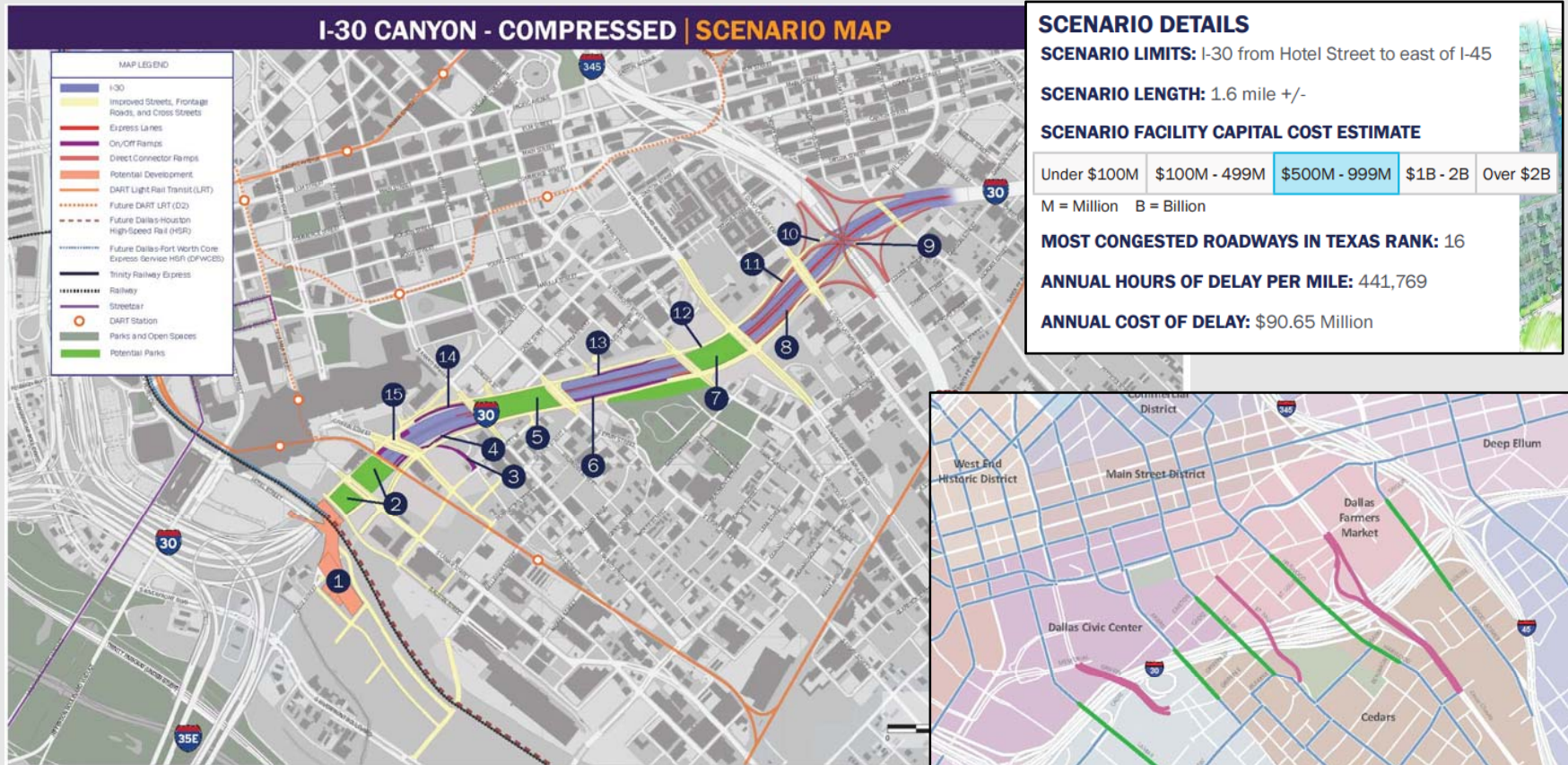
- Modify
- Remove
- Below Grade



"CityMAP is the result of an unprecedented effort by TxDOT to gather public input about the future of downtown Dallas corridors and to lay out the "art of the possible" even before any formal studies are started. An effort of this scale and scope has never been attempted before. In particular, I hope that it provides the impetus to reconnect southern Dallas neighborhoods that have been divided by poor transportation decisions in years past. It is time to rectify those divisions."

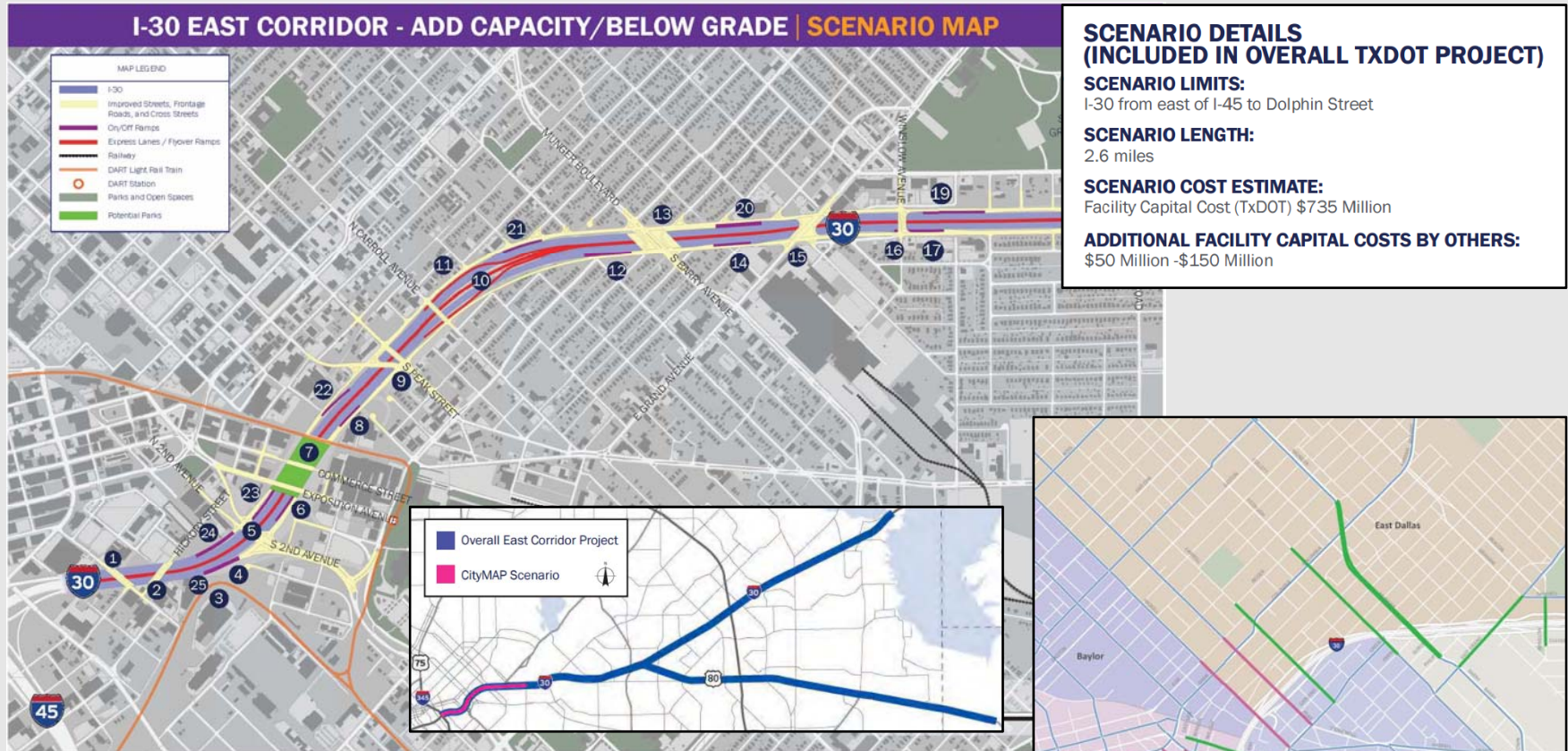
**Dallas Mayor Mike Rawlings**

# CityMAP Scenarios



- **I-30 Canyon - Compressed**
  - Accommodates parks by others
  - Accommodates enhanced cross streets and bike plan

# CityMAP Scenarios



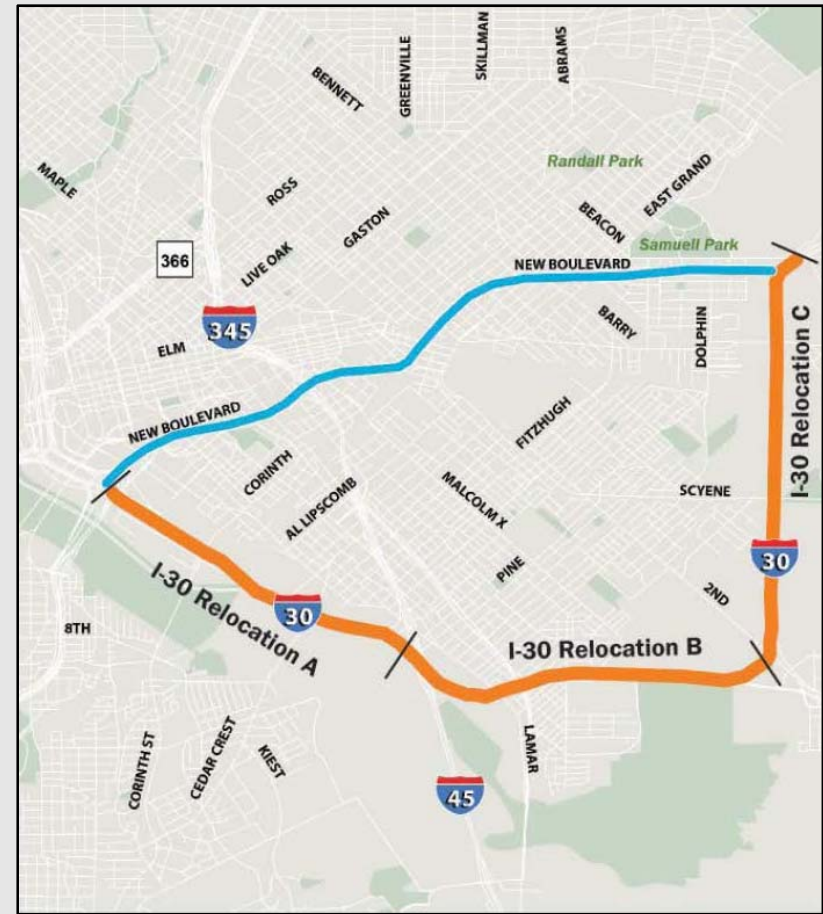
- **I-30 East Corridor Below Grade**
  - Below grade limits being evaluated
  - Accommodates parks by others
  - Accommodates enhanced cross streets and bike plan



# CityMAP Scenarios

## ■ I-30 Relocation

- Tier 1 Environmental Impacts:
  - Crosses 12 wetlands and 6 water features including 1.5 mile White Rock Creek floodway encroachment
  - Crosses two parks (Trinity River Greenbelt and the Great Trinity Forest Park)
  - Impacts to Ervay Place Neighborhood
  - Crosses a hazardous material site
- Impacts must first be avoided when possible. Existing I-30 avoids these new impacts. Consequently, I-30 Relocation Alternative must be eliminated from further consideration unless advanced as new reliever route under separate environmental process.



# CityMAP Scenarios

- **I-345**
  - Modify
  - Remove
  - Below Grade



The I-30 project accommodates all I-345 CityMAP scenarios. The I-30 project maintains the existing interchange and defers the interchange reconstruction to a future I-345 project.

# I-30 and US 80 Projects

## STAKEHOLDER WORK GROUP

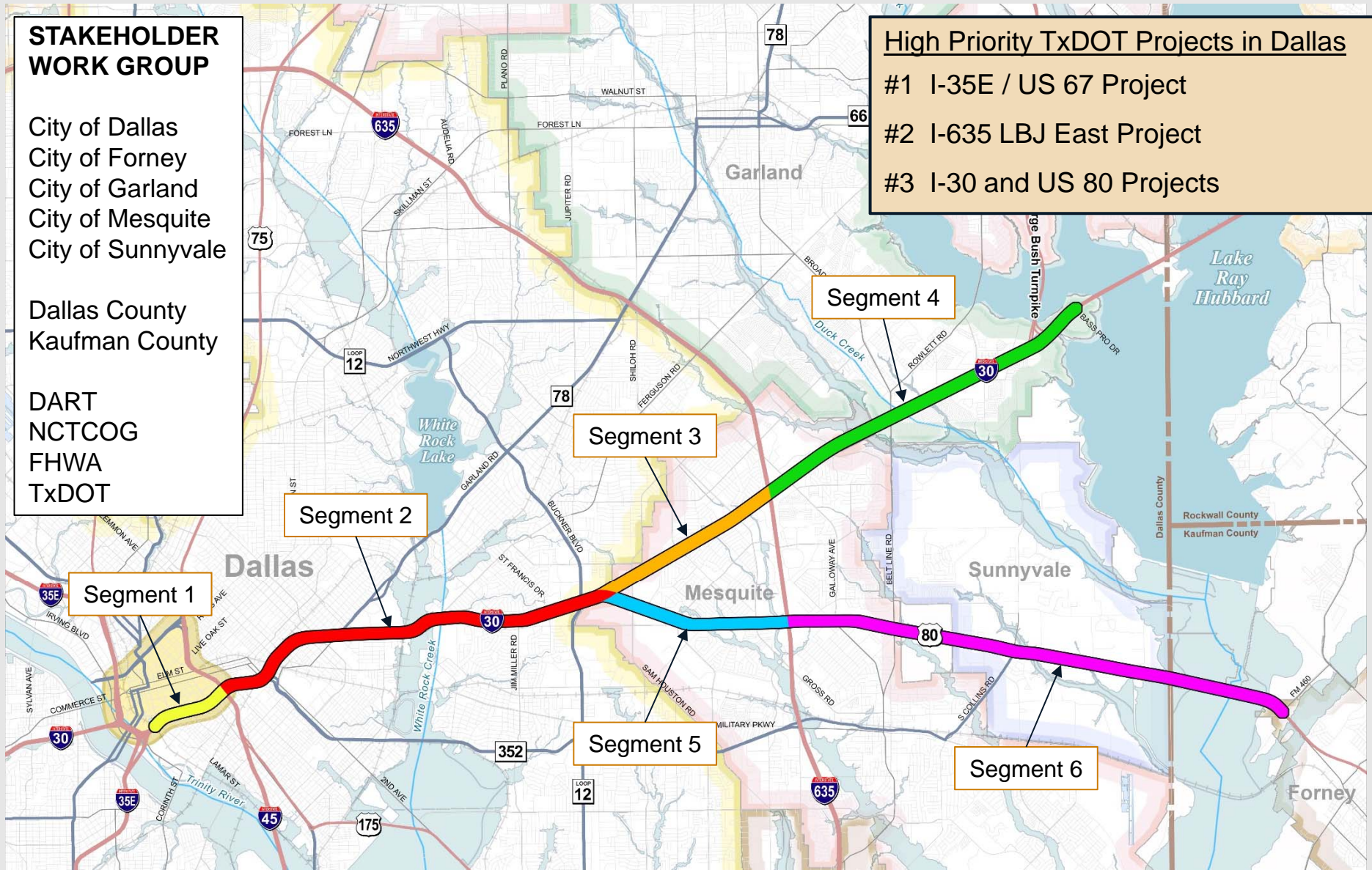
City of Dallas  
 City of Forney  
 City of Garland  
 City of Mesquite  
 City of Sunnyvale

Dallas County  
 Kaufman County

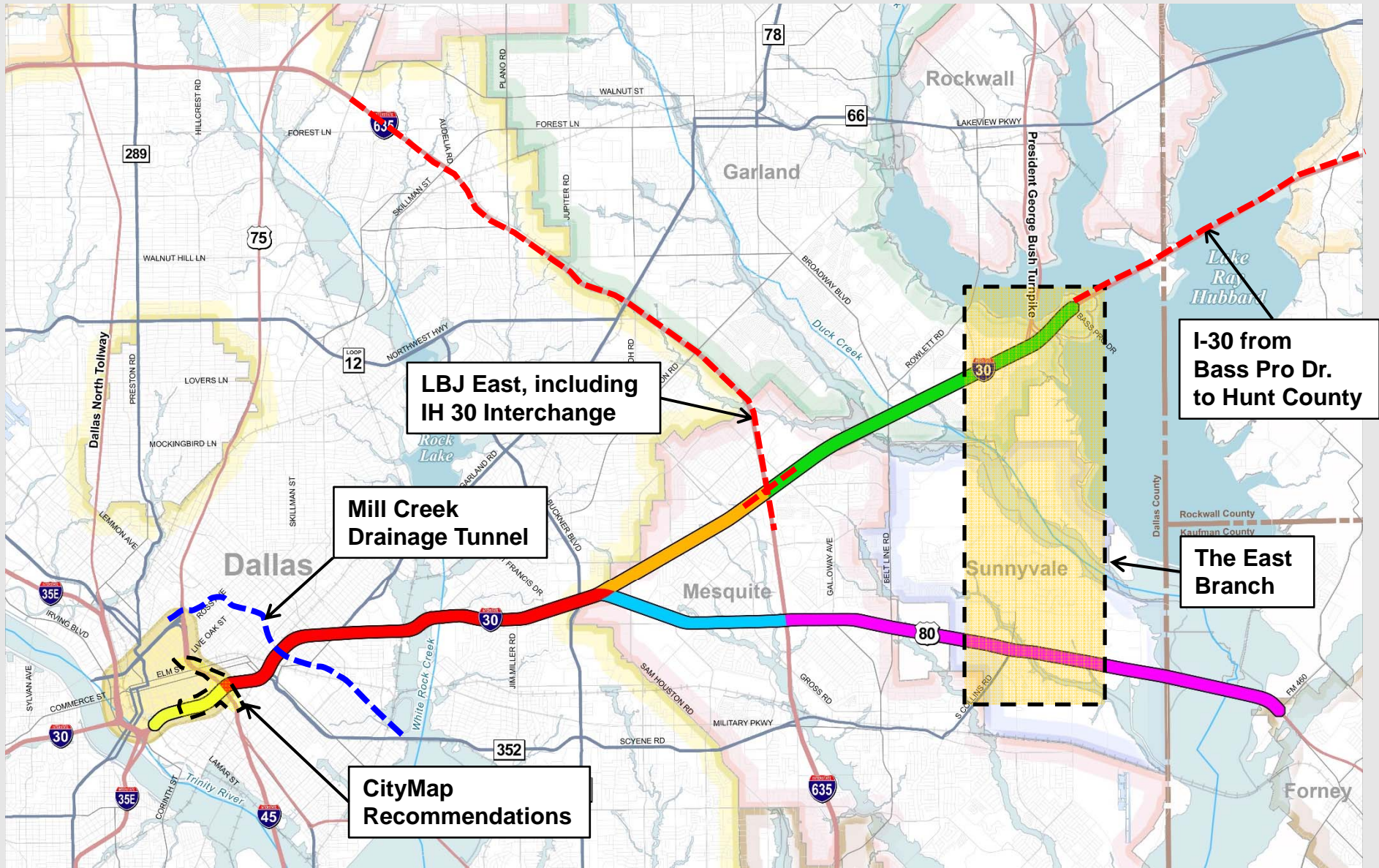
DART  
 NCTCOG  
 FHWA  
 TxDOT

## High Priority TxDOT Projects in Dallas

- #1 I-35E / US 67 Project
- #2 I-635 LBJ East Project
- #3 I-30 and US 80 Projects

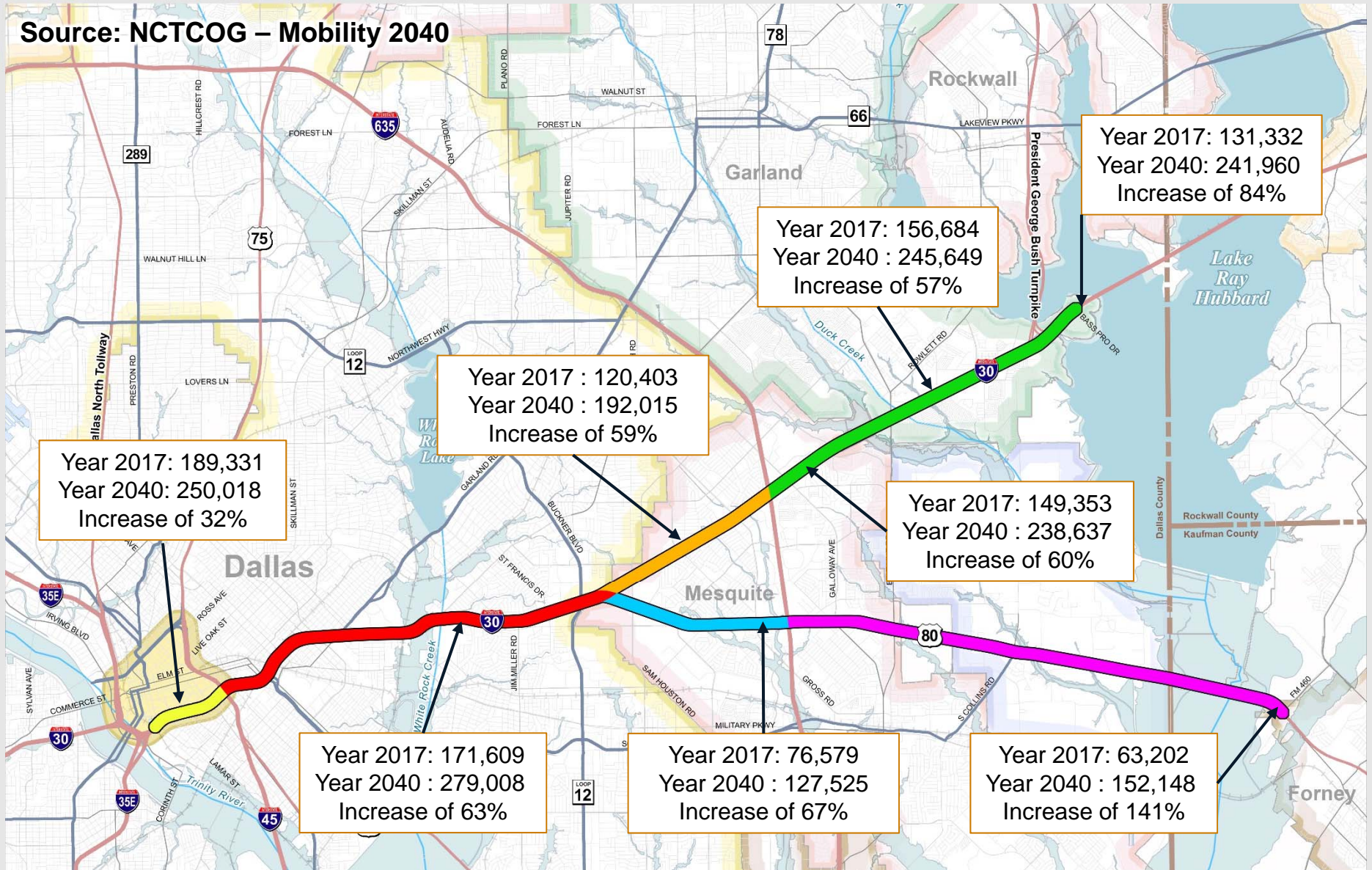


# Significant Adjacent Projects



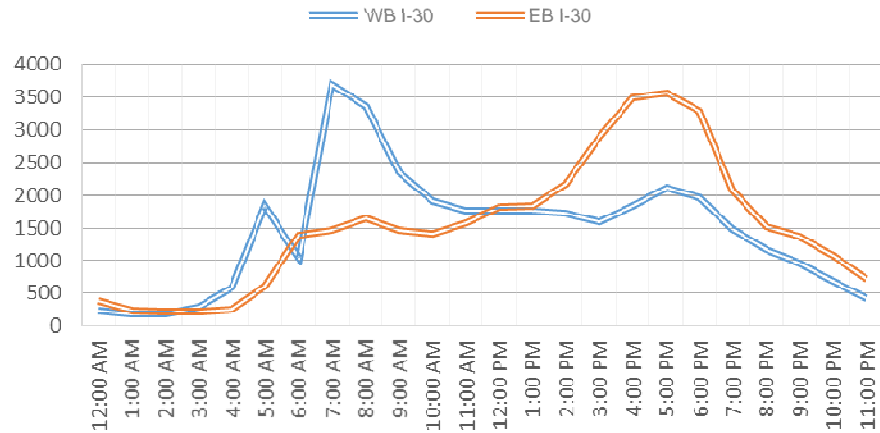
# Daily Traffic Volumes

Source: NCTCOG – Mobility 2040

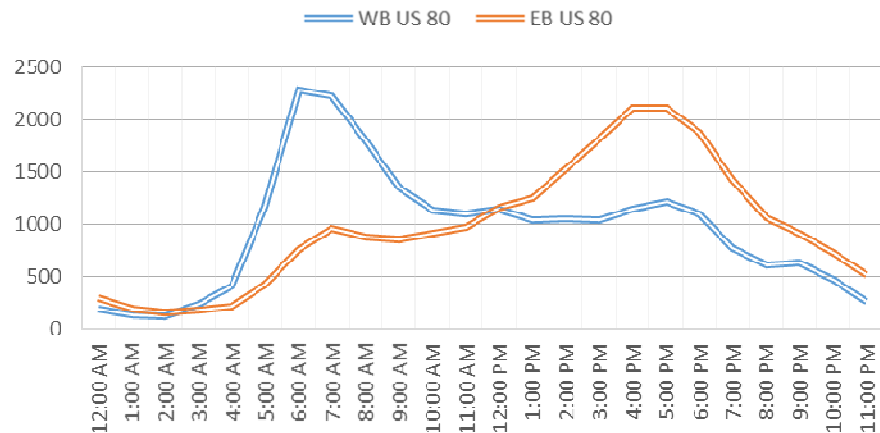


# Traffic Patterns

## I-30 Traffic at I-635



## US 80 Traffic at I-635



## Westbound US 80



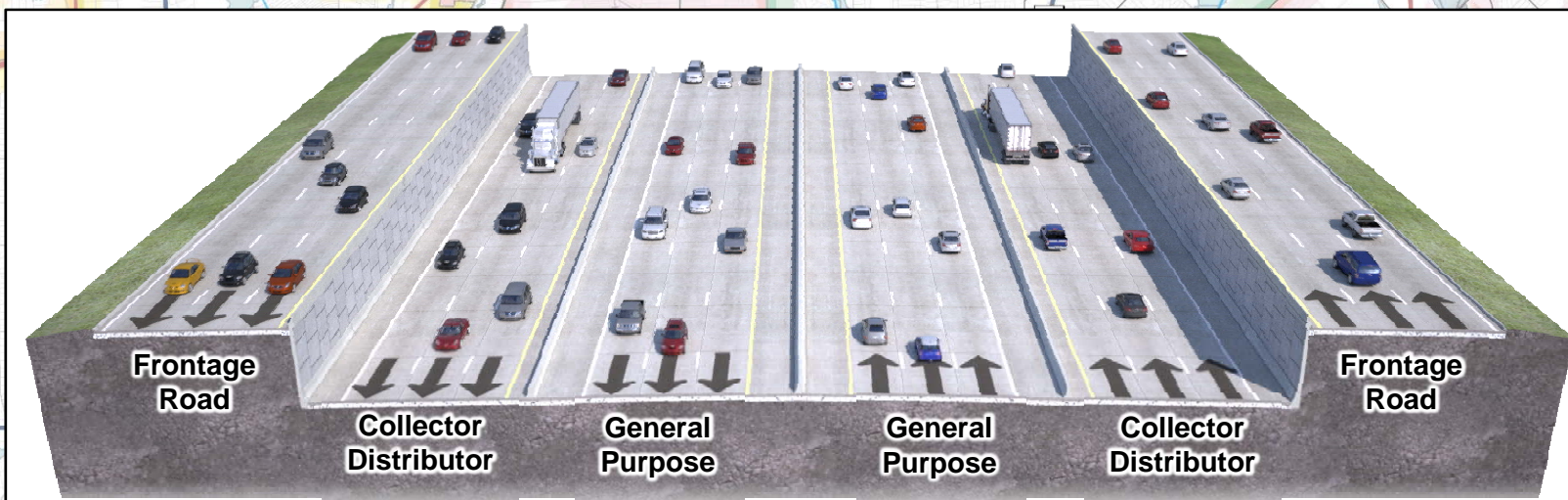
## Westbound I-30



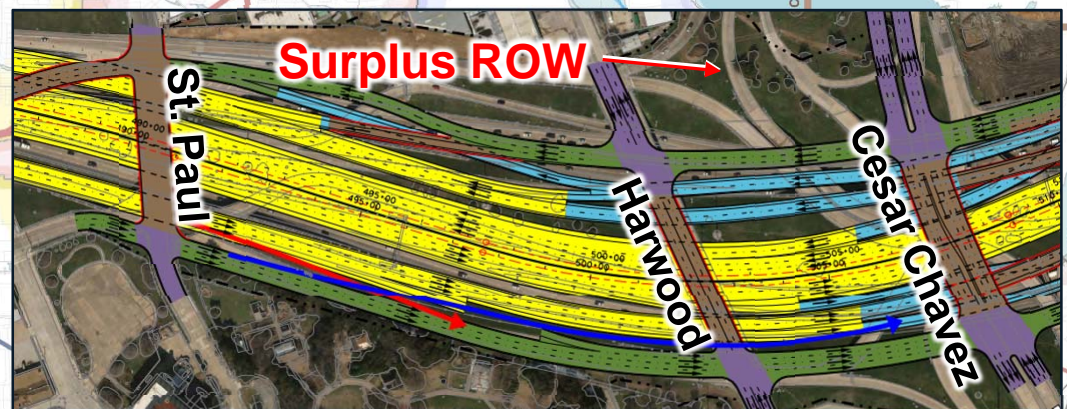
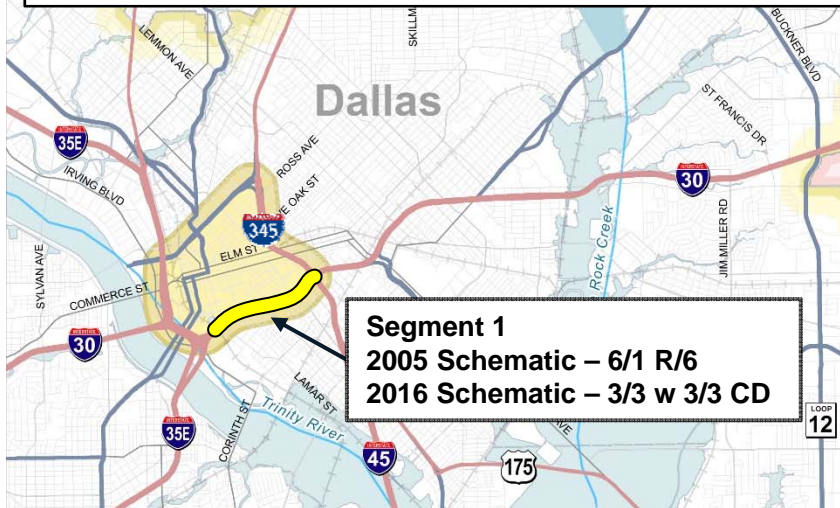
## Eastbound I-30 & US 80



# Project Recommendations – Segment 1

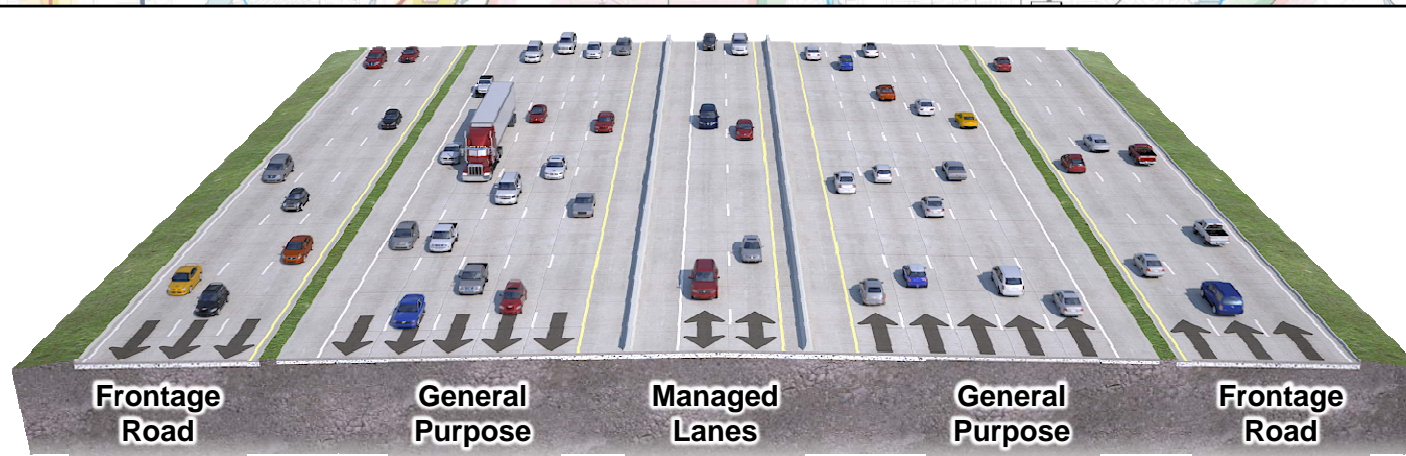


**Segment 1: I-30 from East of I-35E to I-45**  
**3/3 with 3/3 Collector Distributor System**  
**Accommodates 49% of Peak Unconstrained Traffic Demand**



**Alternatives Analysis balanced ROW impacts with travel capacity.**  
**Design refinements will further minimize ROW impacts.**

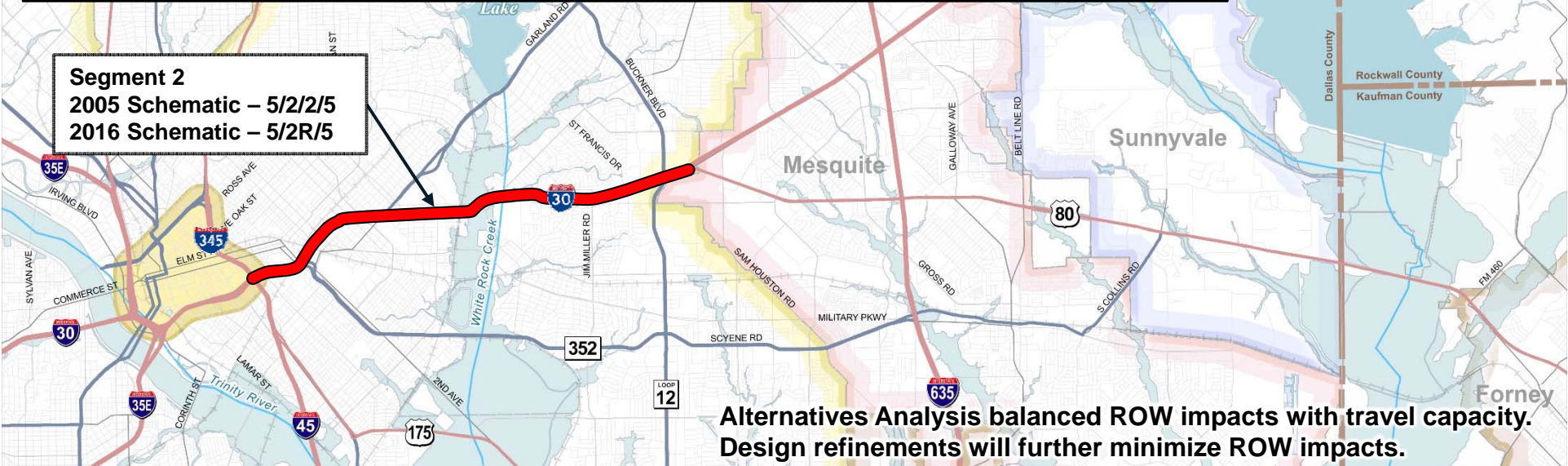
# Project Recommendations – Segment 2



**Segment 2: I-30 from I-45 to US 80**  
**5 / 2R / 5 At-Grade**  
**Accommodates 59% of Peak Unconstrained Traffic Demand**



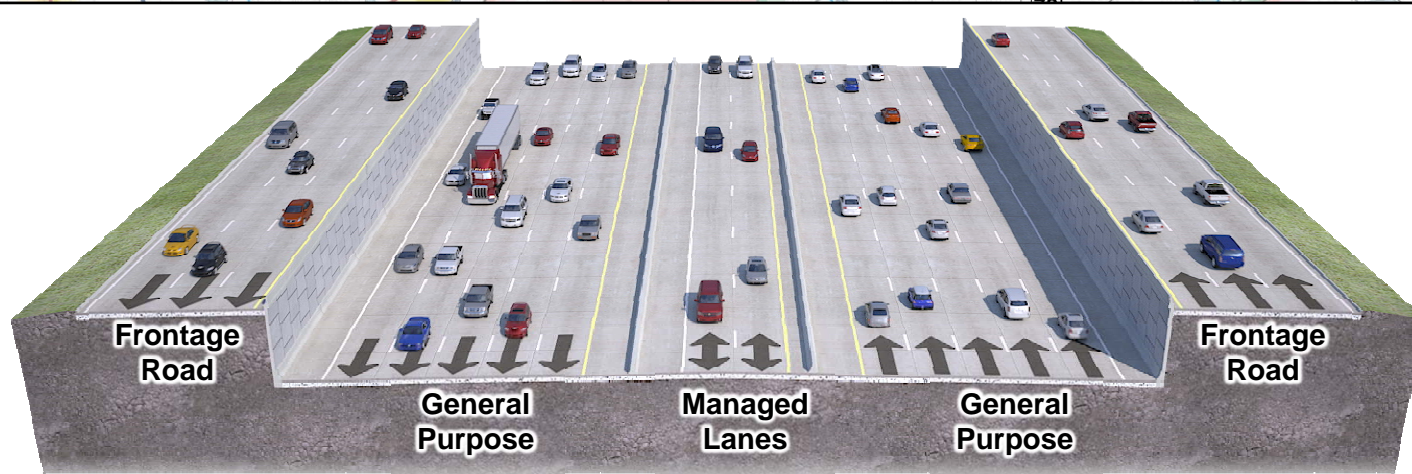
**Segment 2**  
**2005 Schematic – 5/2/2/5**  
**2016 Schematic – 5/2R/5**



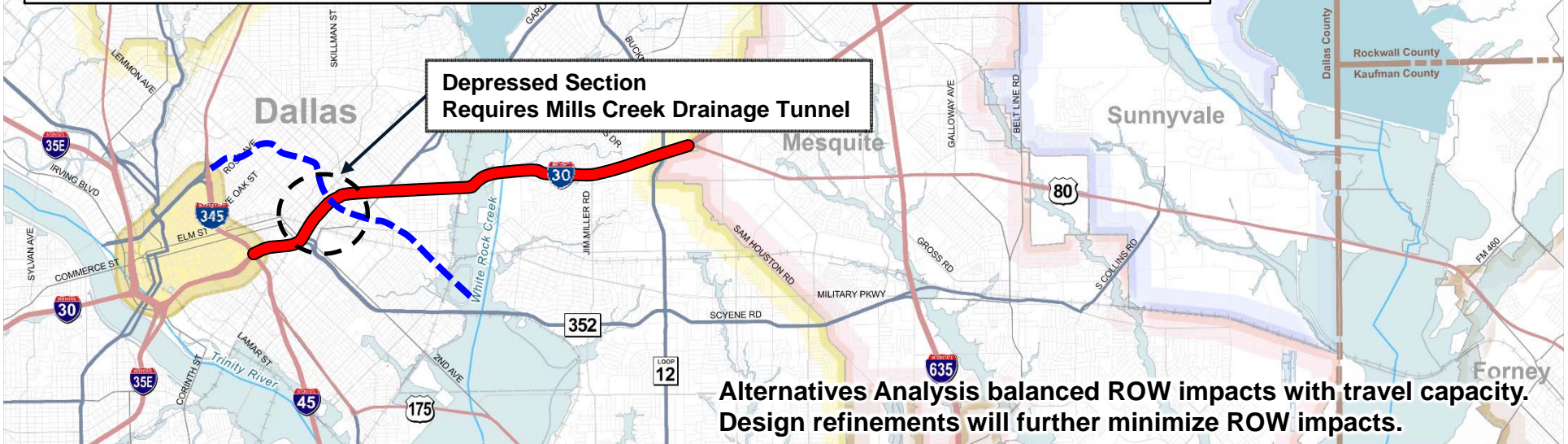
**Alternatives Analysis balanced ROW impacts with travel capacity.**  
**Design refinements will further minimize ROW impacts.**



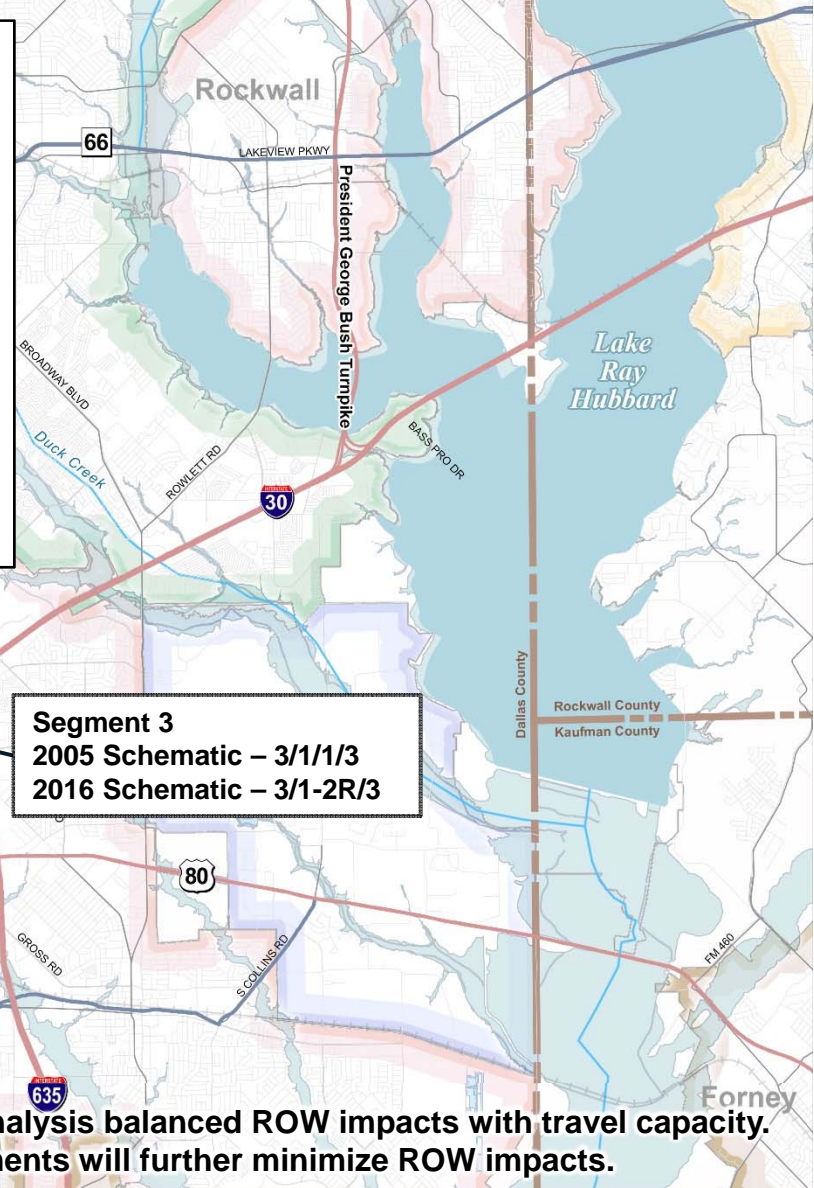
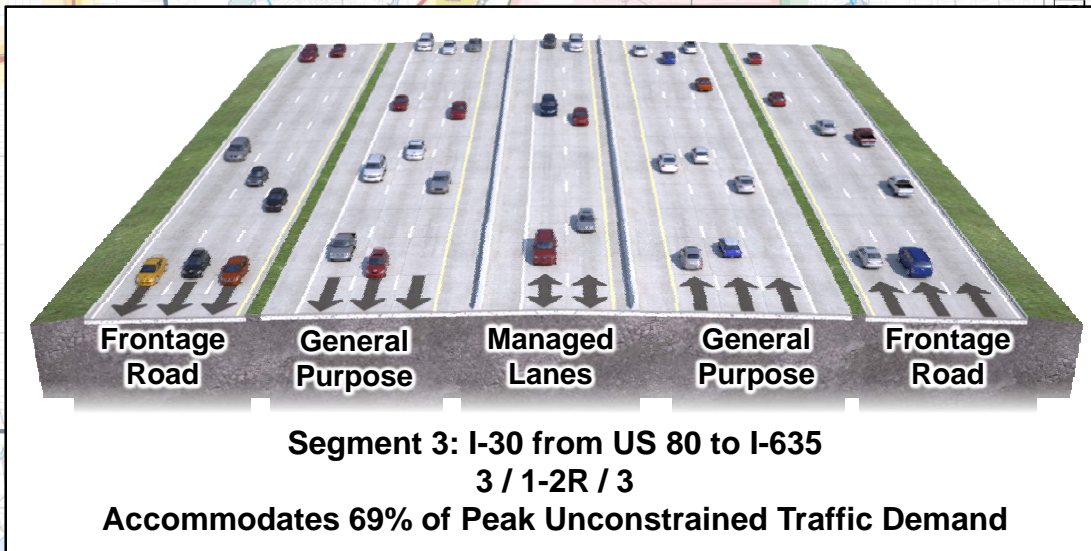
# Segment 2 (Depressed Section)



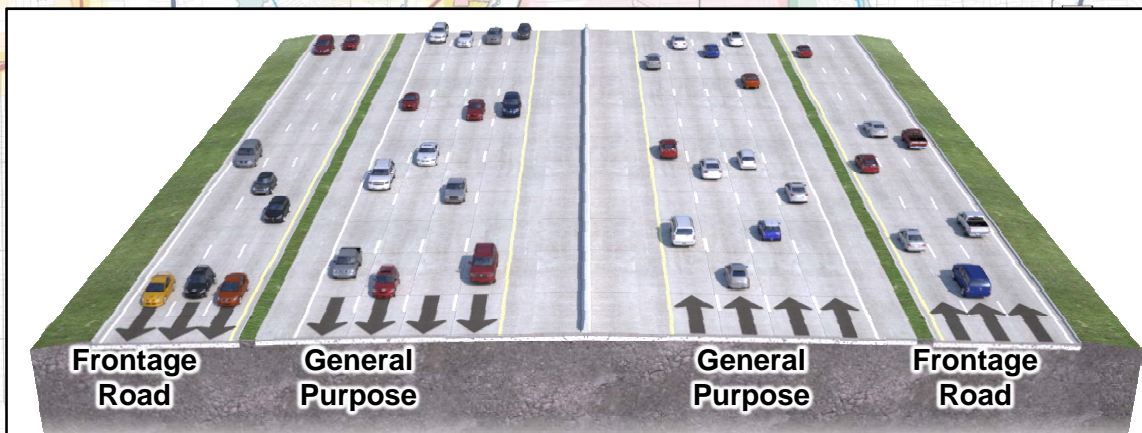
**Segment 2: I-30 West of 2<sup>nd</sup> to East of Peak/Haskell  
5 / 2R / 5 Depressed  
Accommodates 59% of Peak Unconstrained Traffic Demand**



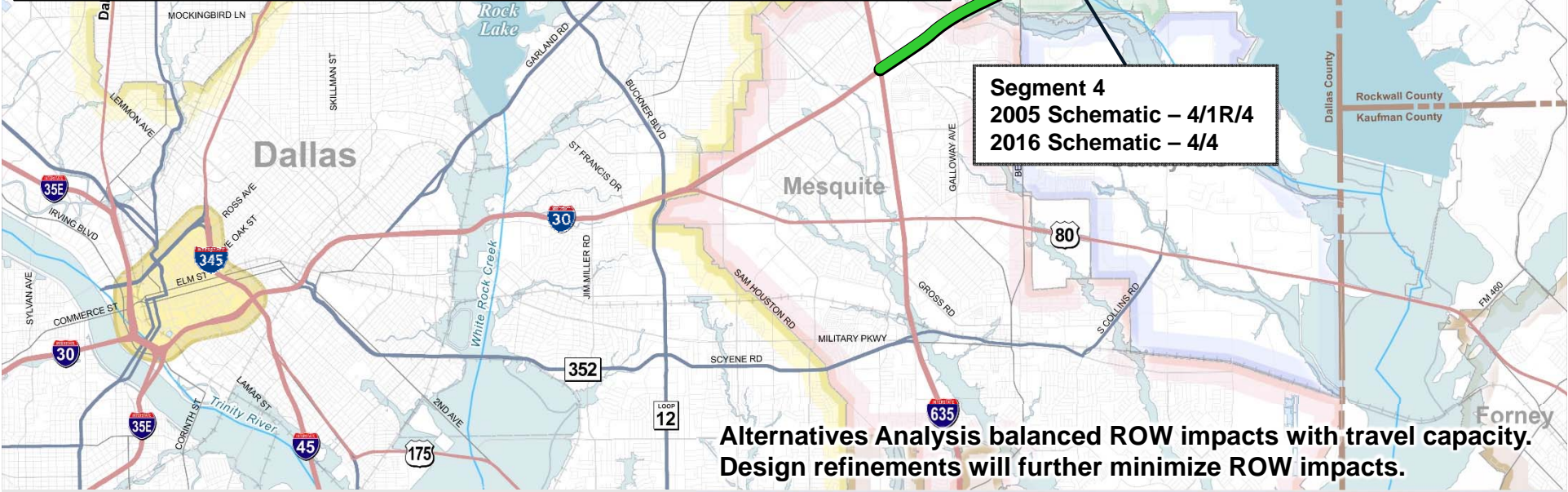
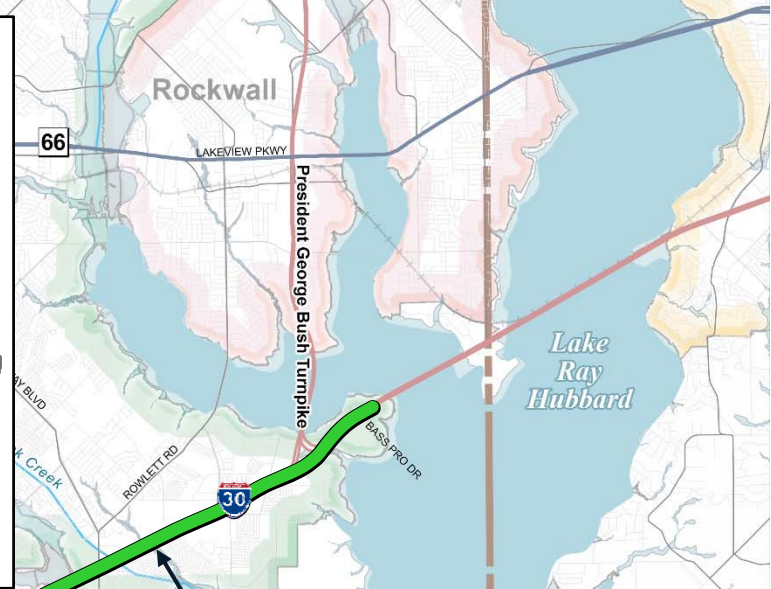
# Project Recommendations – Segment 3



# Project Recommendations – Segment 4

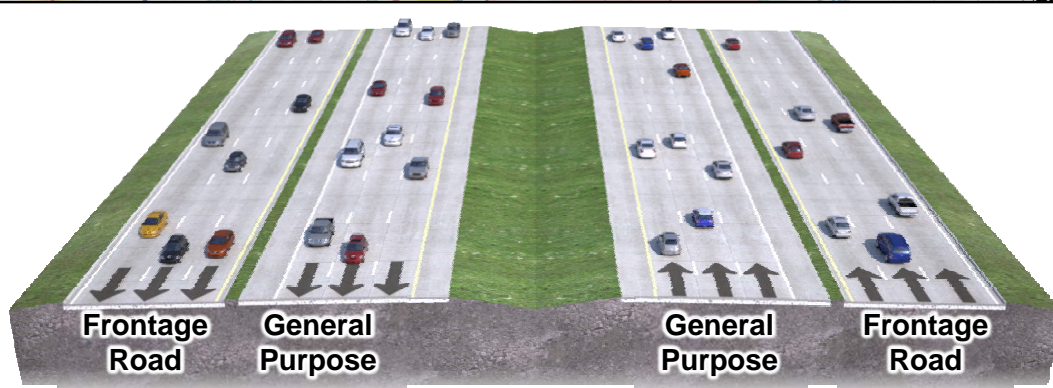


**Segment 4: I-30 from I-635 to Bass Pro Drive  
4/4 (Bottleneck Improvements only)  
Accommodates 36% of Peak Unconstrained Traffic Demand**



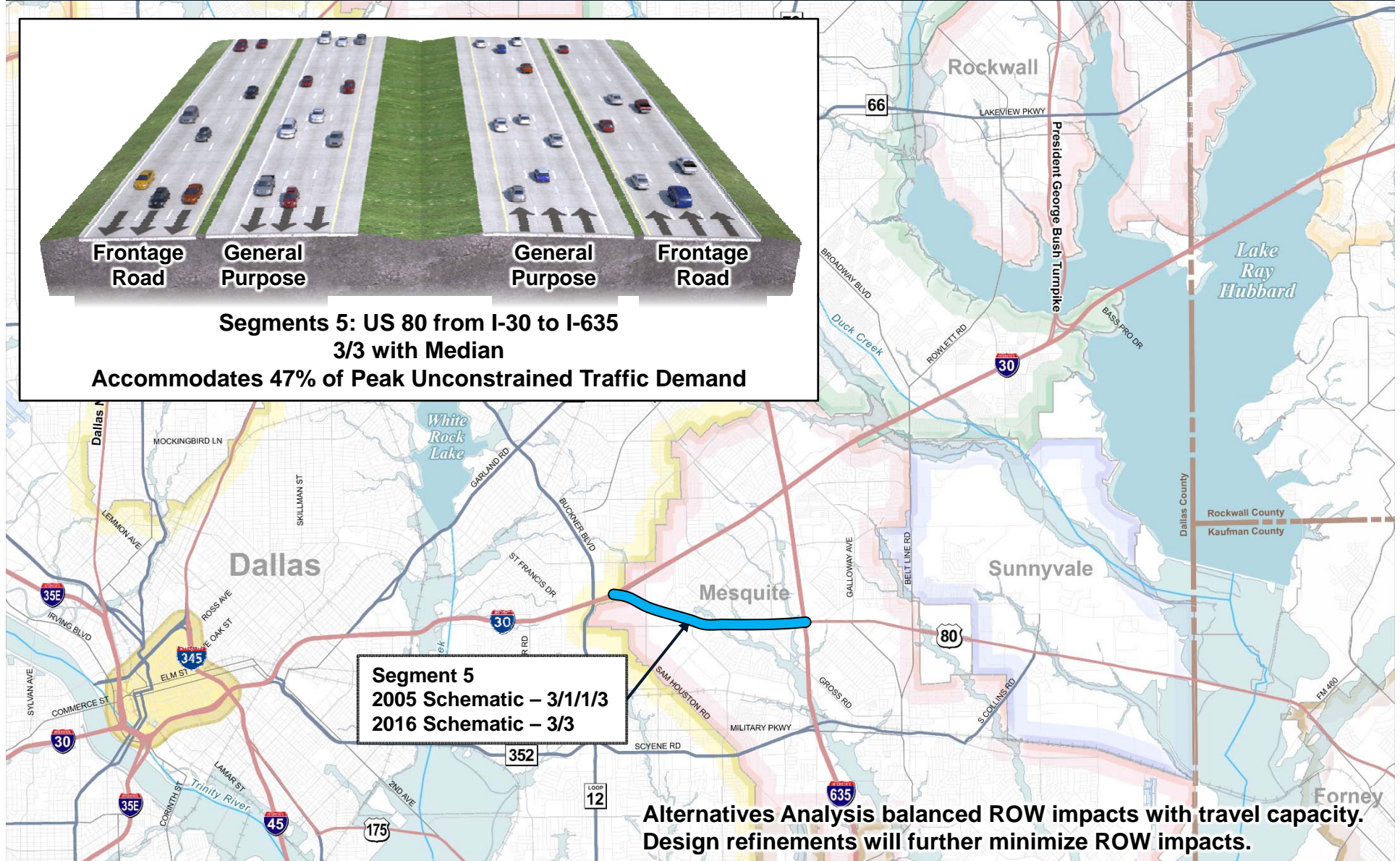
**Alternatives Analysis balanced ROW impacts with travel capacity.  
Design refinements will further minimize ROW impacts.**

# Project Recommendations – Segment 5



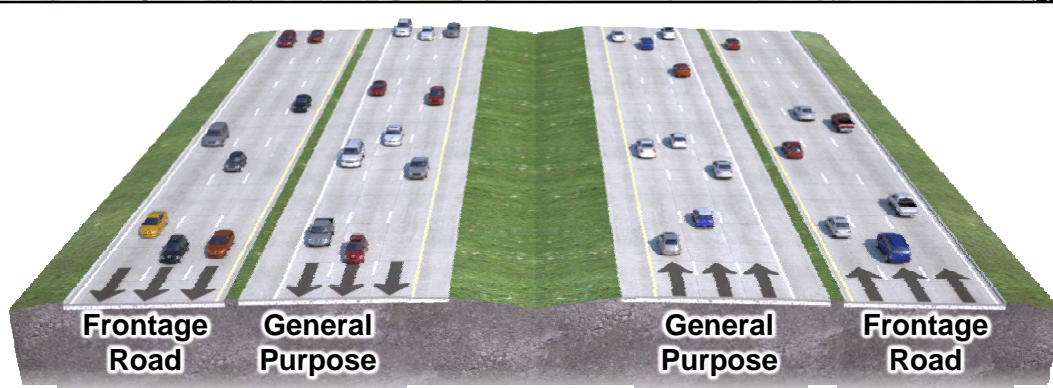
**Segments 5: US 80 from I-30 to I-635  
3/3 with Median**

**Accommodates 47% of Peak Unconstrained Traffic Demand**



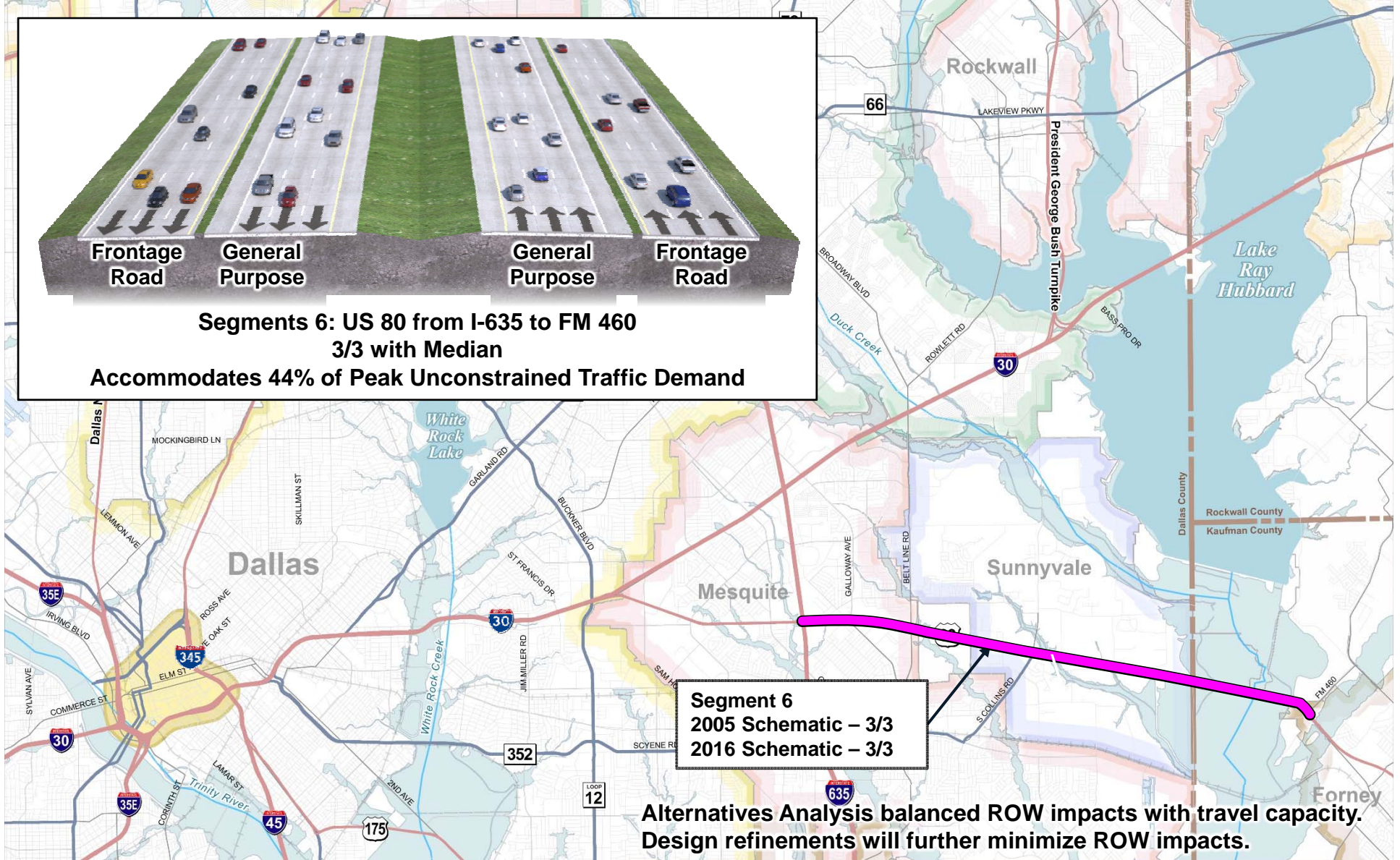
**Alternatives Analysis balanced ROW impacts with travel capacity.  
Design refinements will further minimize ROW impacts.**

# Project Recommendations – Segment 6



**Segments 6: US 80 from I-635 to FM 460  
3/3 with Median**

**Accommodates 44% of Peak Unconstrained Traffic Demand**

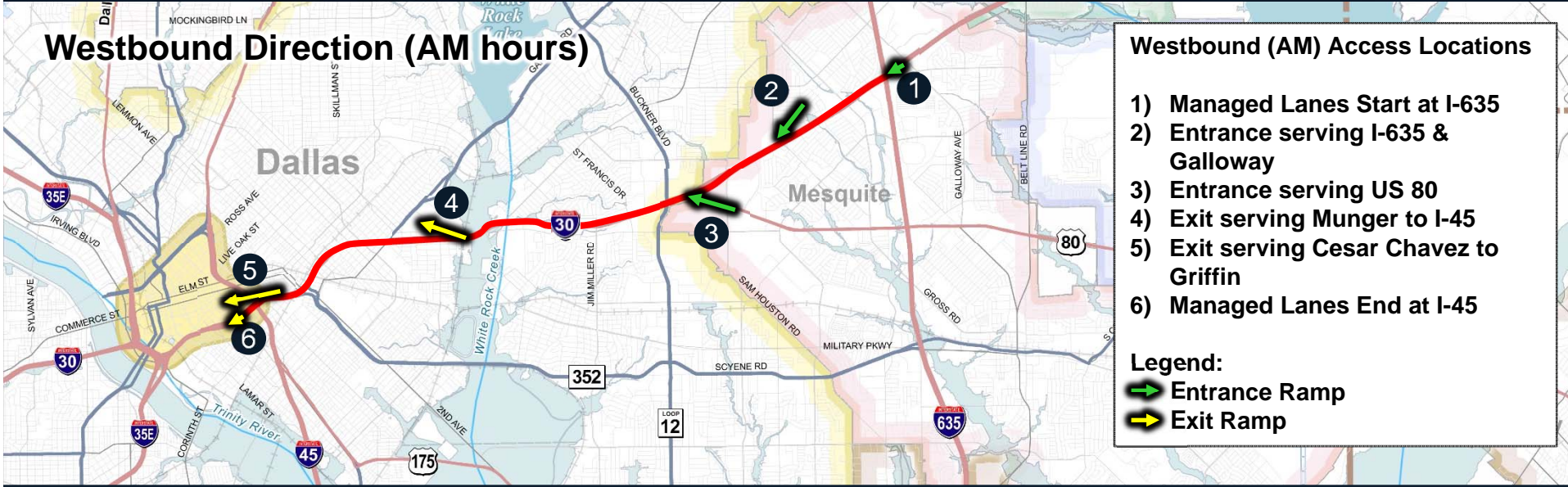


**Segment 6**  
2005 Schematic – 3/3  
2016 Schematic – 3/3

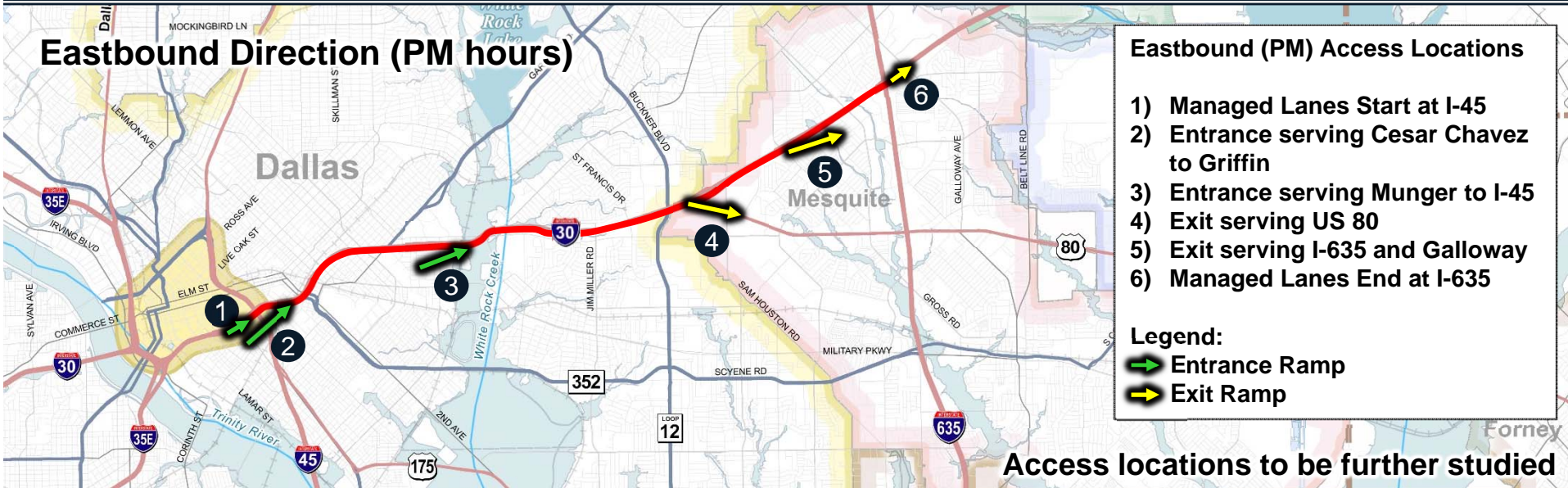
**Alternatives Analysis balanced ROW impacts with travel capacity.  
Design refinements will further minimize ROW impacts.**

# Managed Lane Access

## Westbound Direction (AM hours)

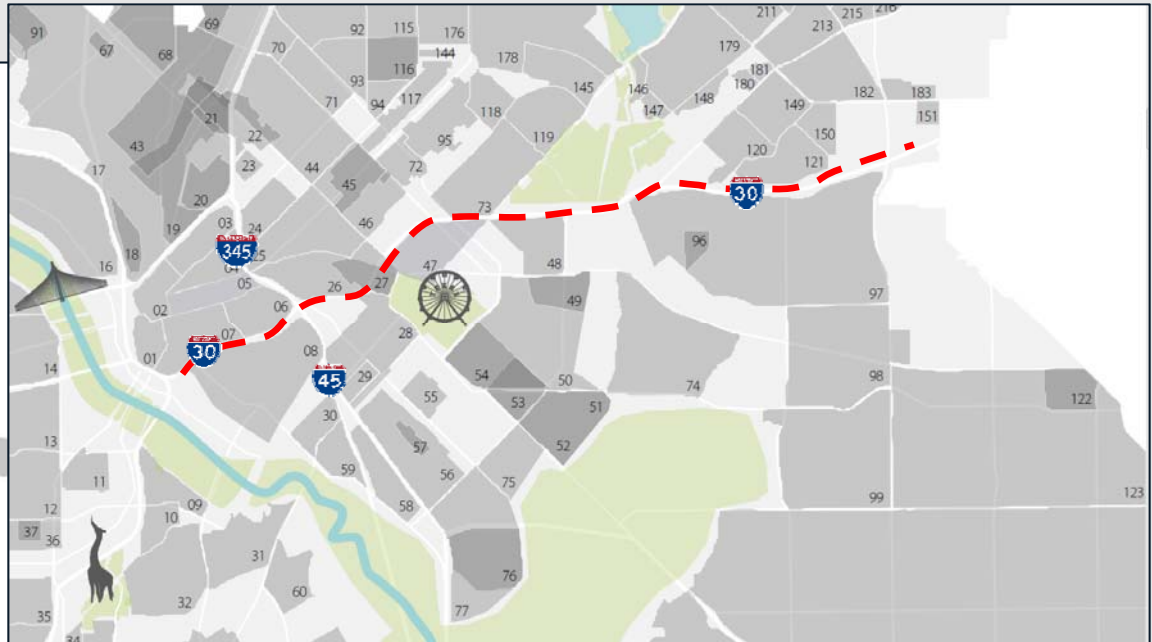
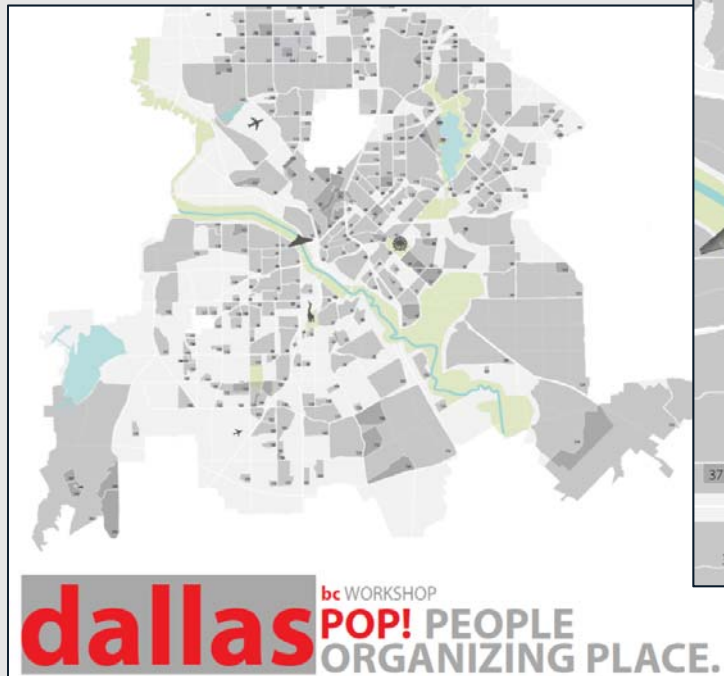


## Eastbound Direction (PM hours)



# Public Involvement

- I-30 and US 80 Projects – Two Public Meetings and One Public Hearing for each project
- Stakeholder Work Group Meetings (Bi-Monthly)
- Individual Briefings and Presentations
- Notice Mailings, Project Website, Fact Sheet, and other Outreach Tools

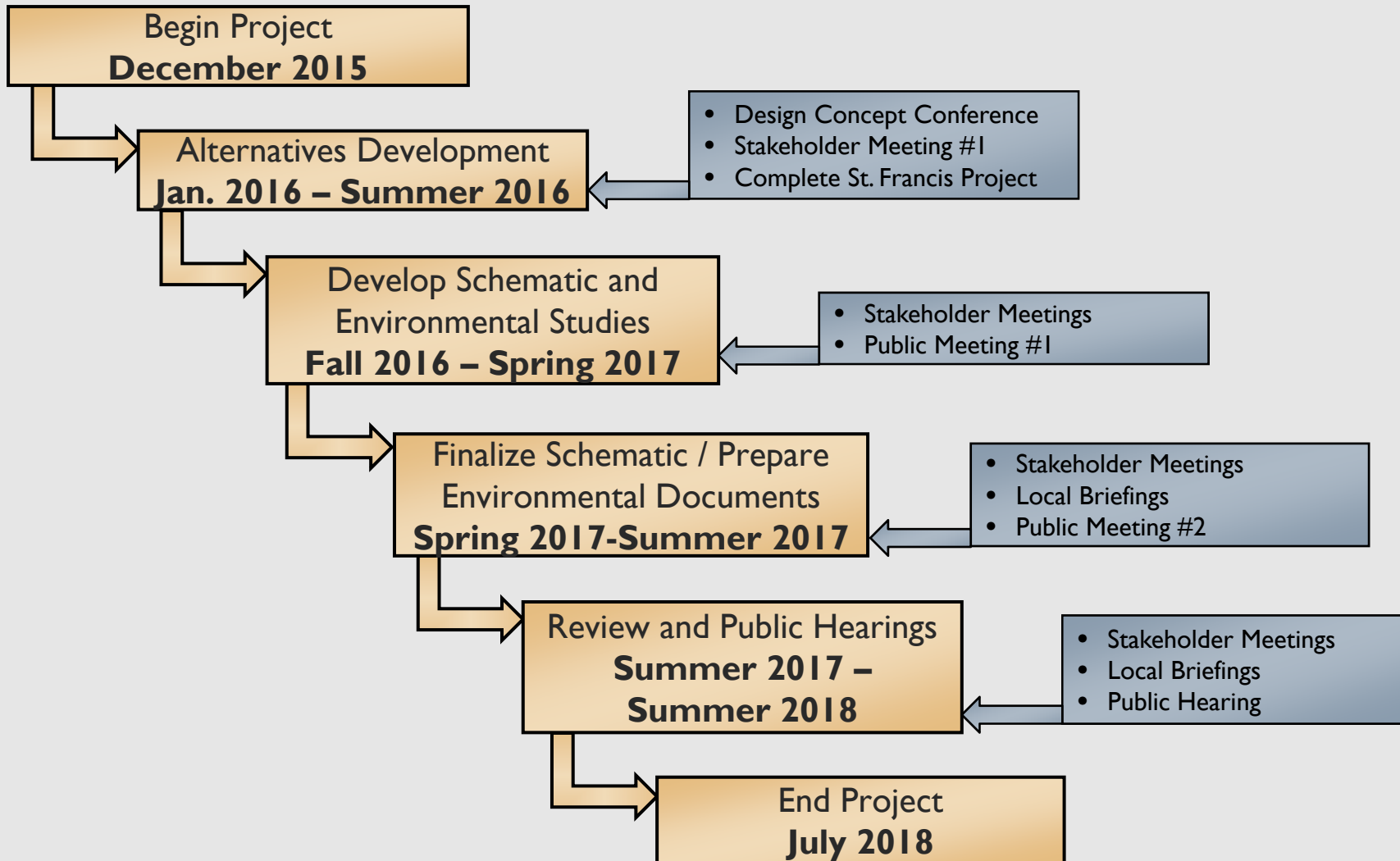


# Short-Term Project Schedule

- October and November
  - Pre-meetings with City Staff
  - Project Briefings (City Council and Other Stakeholders)
  
- November 3<sup>rd</sup>
  - Stakeholder Work Group Meeting #4 with Recommended Plan
  
- December
  - Two Identical Public Meetings with 30% Draft Schematics



# Anticipated Project Schedule



# Contact Information

- TxDOT Project Manager

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Texas Department of Transportation

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Mesquite, Texas 75150-6643

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