

# HIGH-SPEED RAIL SERVICE

## Dallas-Fort Worth

May 13, 2024 – NCTCOG May Public Meeting  
Brendon Wheeler, P.E.

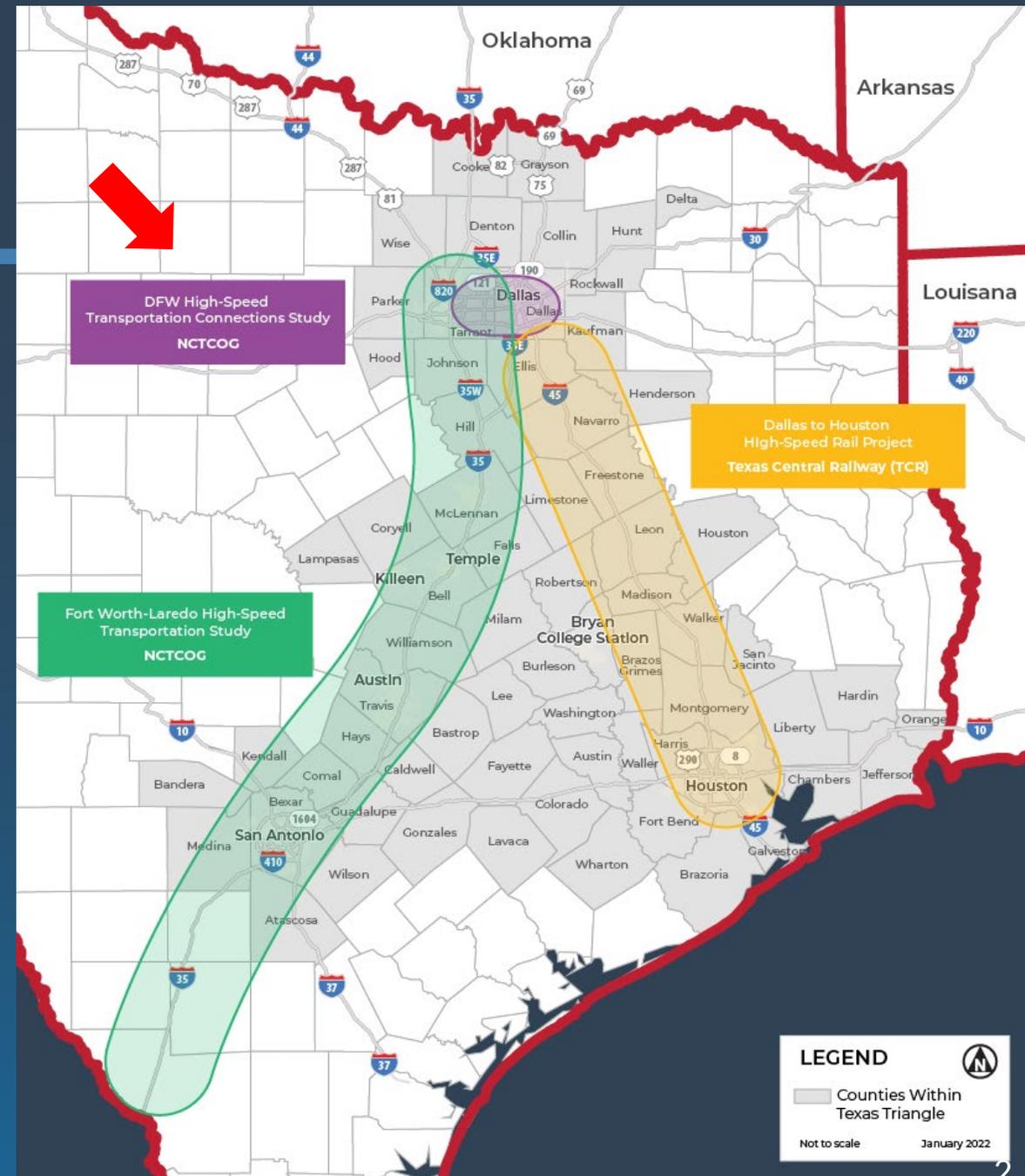


North Central Texas  
Council of Governments

# Project Overview: Study Objectives

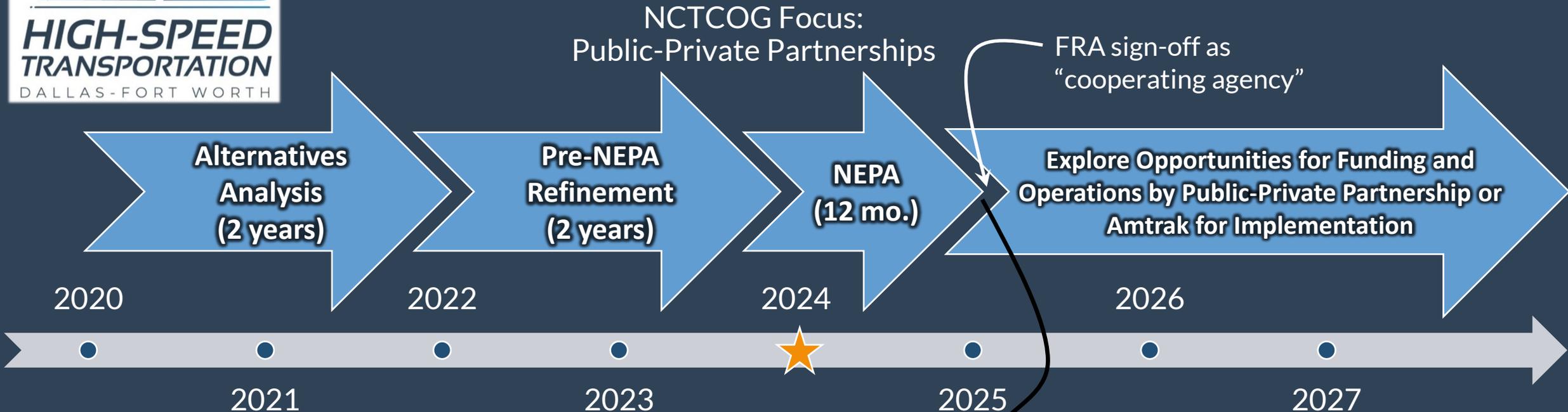
## Purpose:

- CONNECT Dallas-Fort Worth to other proposed high-performance passenger systems in the state (Texas Triangle)
- Obtain federal **ENVIRONMENTAL APPROVAL** of the viable alternative NCTCOG's Regional Transportation Council High-Speed Rail Policy
  - ❖ One-Seat Ride
  - ❖ 3 Station Concept





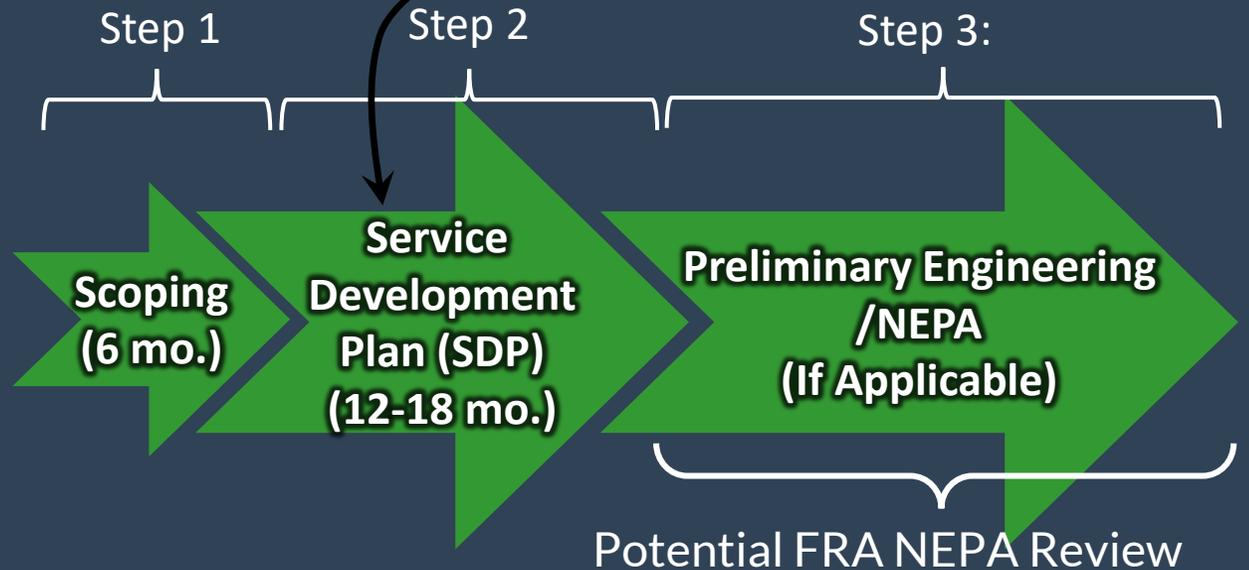
# Federal Transit Administration Process



## Federal Railroad Administration Process

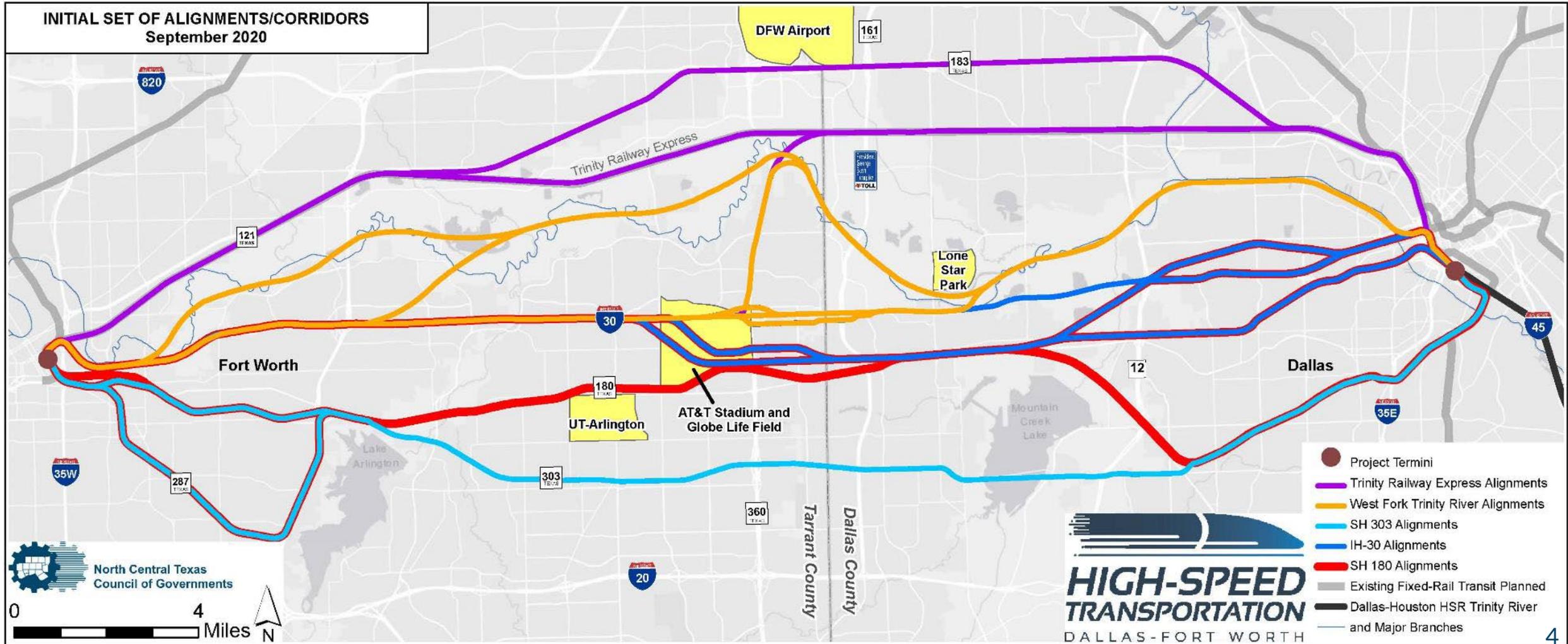
### Corridor ID Program

NCTCOG Focus:  
Federal Funding through Federal State Partnership Program



\*NEPA: National Environmental Policy Act

# Initial Set of Alignments/ Corridors (Fall 2020)



# Proposed Alignment for NEPA Review



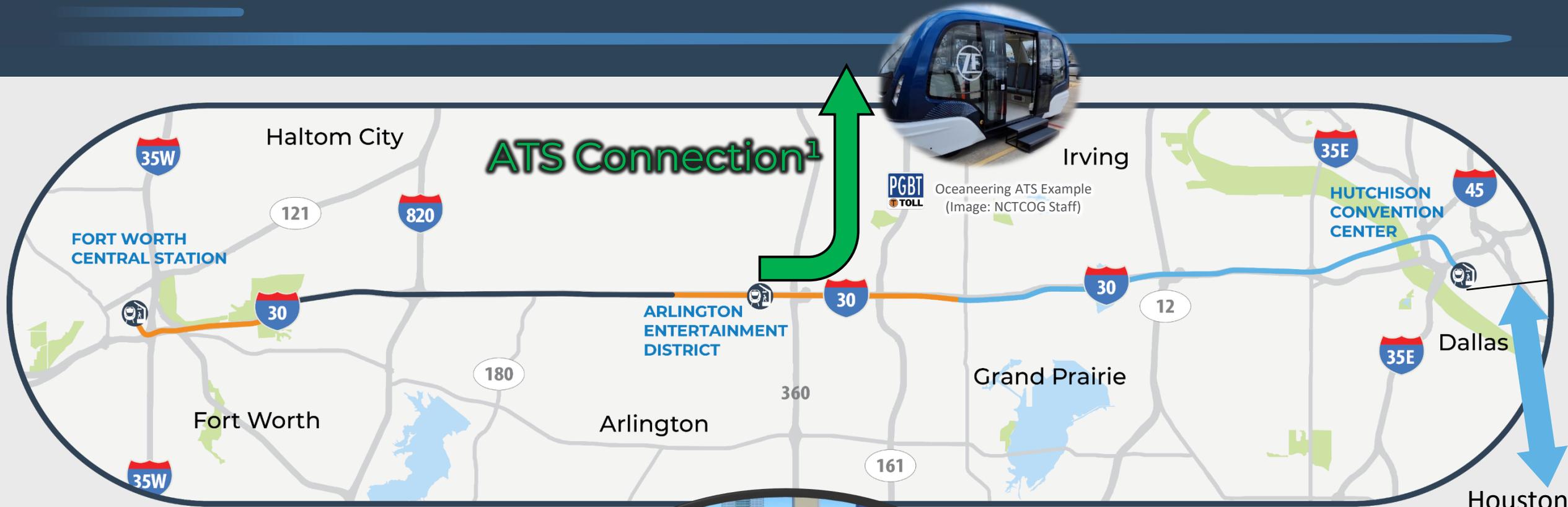
 PROPOSED STATIONS

 TUNNEL

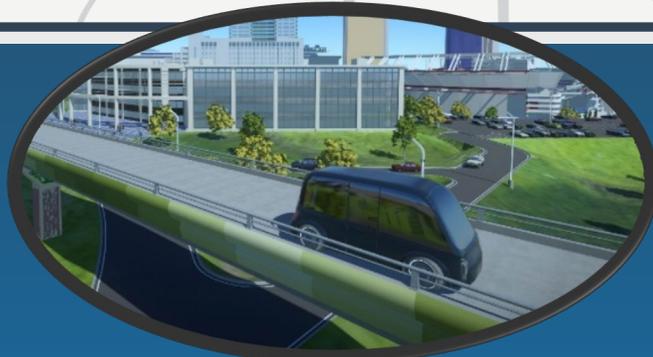
 TRENCH / AT-GRADE

 ELEVATED

# Connectivity to DFW Airport



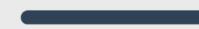
PGBT  
TOLL  
Oceaneering ATS Example  
(Image: NCTCOG Staff)



PROPOSED STATIONS



TUNNEL



TRENCH / AT-GRADE

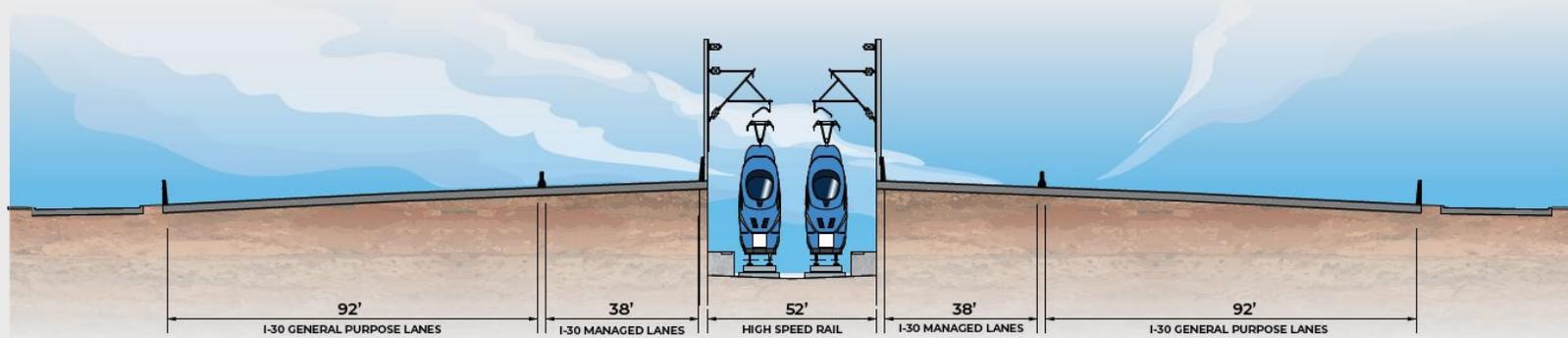


ELEVATED

<sup>1</sup>Automated Transportation System (ATS) recommendation provides dedicated connectivity between proposed Arlington HSR Station, TRE Centreport Station, and DFW Airport

# Concept HSR Typical Sections

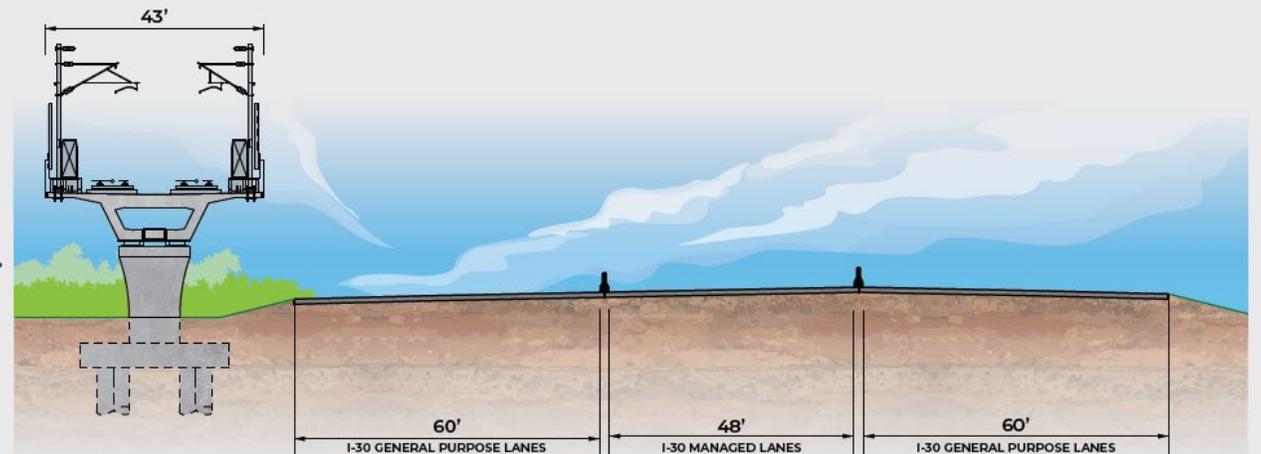
High-Speed Rail I-30 Trenched Typical Section  
Riverside Dr. to Cooper St.



Typical Sections shown to communicate concept only.

Graphics by HNTB

High-Speed Rail I-30 Elevated Typical Section  
MacArthur Blvd. to Cockrell Hill Rd.



# Aerial HSR Images



California High-Speed Rail (Fresno, CA)



California High-Speed Rail at SR 99 (Fresno, CA)

# Potential Downtown Dallas Solution



Proposed High-Speed Rail Station

Proposed Kay Bailey Hutchison Convention Center Dallas

Omni Dallas

Potential Development

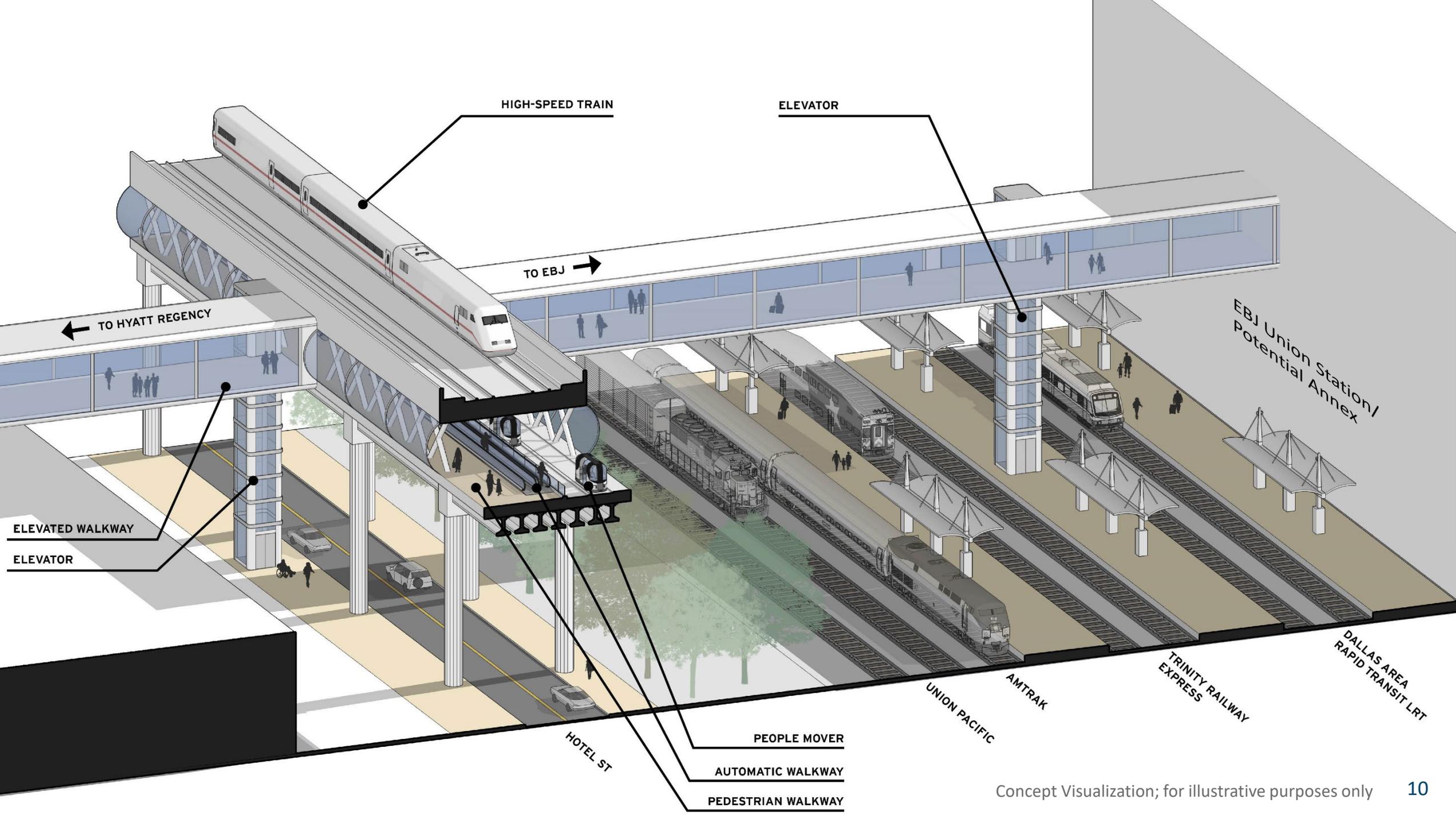
Reunion Tower / Hyatt Regency

EBJ Union Station / Potential Annex

Dealy Plaza

Margaret McDermott Bridge

Martyrs Park



HIGH-SPEED TRAIN

ELEVATOR

TO EBJ →

← TO HYATT REGENCY

EBJ Union Station/  
Potential Annex

ELEVATED WALKWAY

ELEVATOR

HOTEL ST

PEOPLE MOVER

AUTOMATIC WALKWAY

PEDESTRIAN WALKWAY

UNION PACIFIC

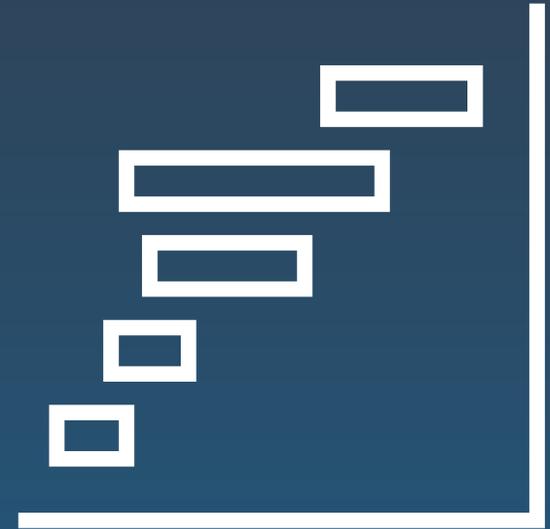
AMTRAK

TRINITY RAILWAY  
EXPRESS

DALLAS AREA  
RAPID TRANSIT LRT

# Road to Implementation

- Phase 2 Completion
- NEPA Document Finalized and Approved
- Implementing Agency Identified
- Funding Identified
- Final Design
- Construction
- High-Speed Rail in North Texas!





# Contacts

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