

HIGH-SPEED



TRANSPORTATION

Dallas-Fort Worth



Project Background

More Travel Choices

Creating:

- More travel options
- Increased connectivity
- Less demand on roadways
- Travel times can be more reliable
- Better air quality



Project Overview



Phased Approach

Phase 1 – Alternative Development

- Public and Agency Engagement Includes a technology forum
- Alternative Development Includes alignments & technology
- Alternative Screening

Goal for Phase 1
Identify technologies and alignments to be carried into Phase 2

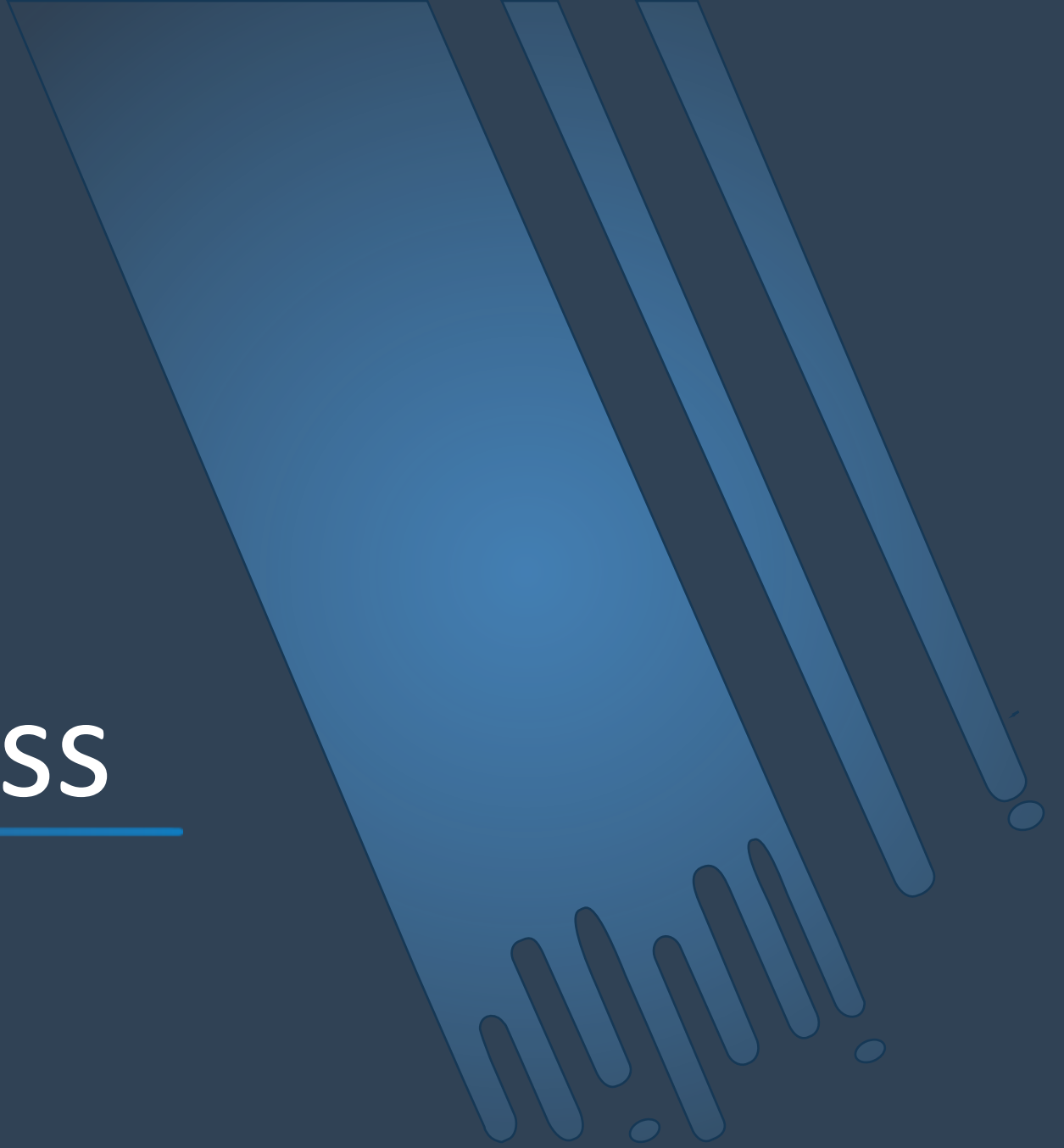
Phase 2 – Engineering & Environmental

- Conceptual Engineering
- NEPA Documentation and Approval
- Preliminary Engineering
- Financial and Project Management Plans
- Public and Agency Engagement

Goal for Phase 2
Federal environmental approval of alignment & technology



Screening Process



Evaluation Methodology

We
are
Here

DFW HIGH-SPEED TRANSPORTATION CONNECTIONS STUDY

INITIAL ALTERNATIVES

EVALUATION OF ALTERNATIVES

ALTERNATIVES
CARRIED FORWARD

Identify & Develop
Initial Alternatives

Level 1
(Purpose & Need)

Evaluate adherence to
Purpose & Need for each
alternative

43 alignments and 5
technologies
considered

Level 2
(Fatal Flaw & Ranking)

Evaluate alternatives for
fatal flaws and rank
remaining alternatives

23 alignments and 4
technologies
considered

Level 3
(Detailed Evaluation)

Detailed evaluation of
top alternatives

10 alignments and 3
technologies
considered

Draft Environmental
Document

Limited number of
technologies and
alignments carried forward
into Environmental
Document

Ongoing Public, Stakeholder, and Agency Engagement



Initial Alignments/Corridors

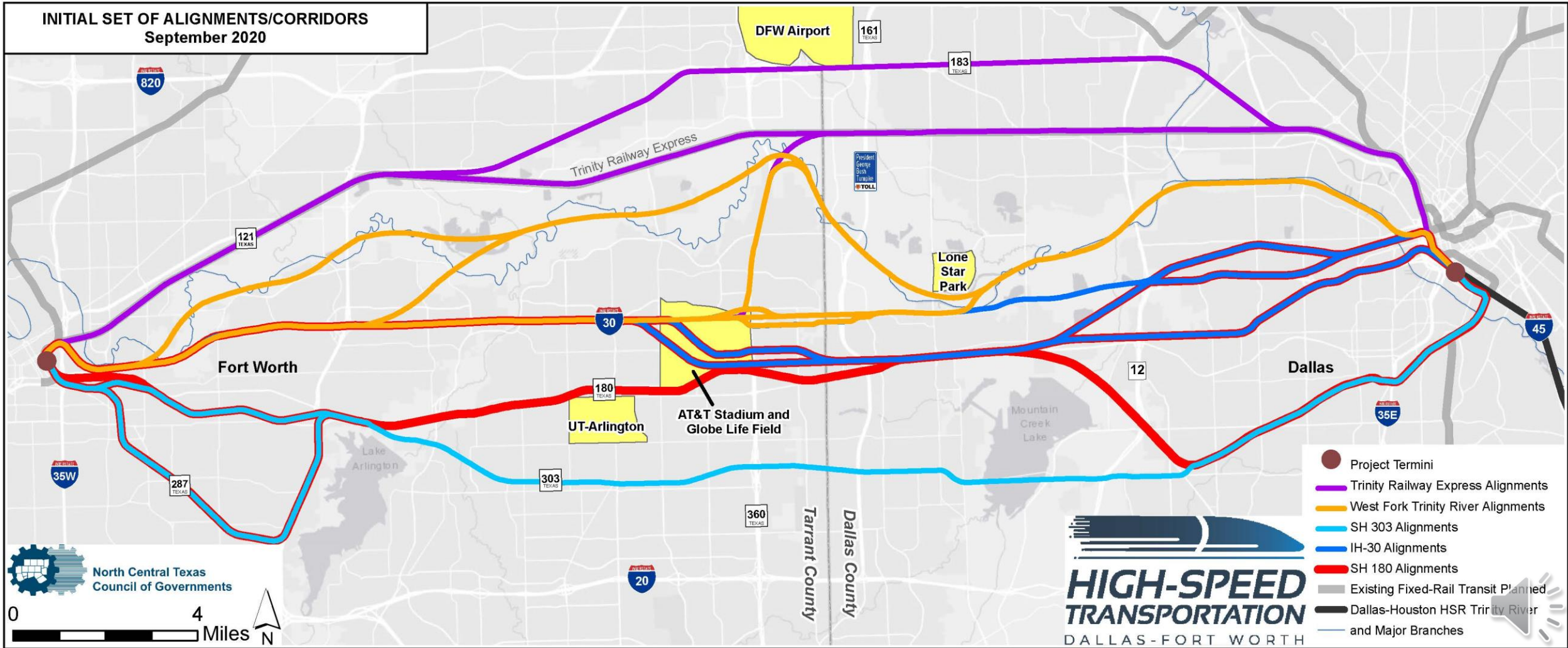
- Initial alignments developed based on previous studies
- Trying to use existing transportation corridors
- Right-of-Way may be public or private, depending on the method used for project delivery
- All alignments connect to the proposed Dallas high-speed rail station and the Fort Worth Central Station

43 end-to-end (Dallas to Fort Worth) alignments/corridors were identified

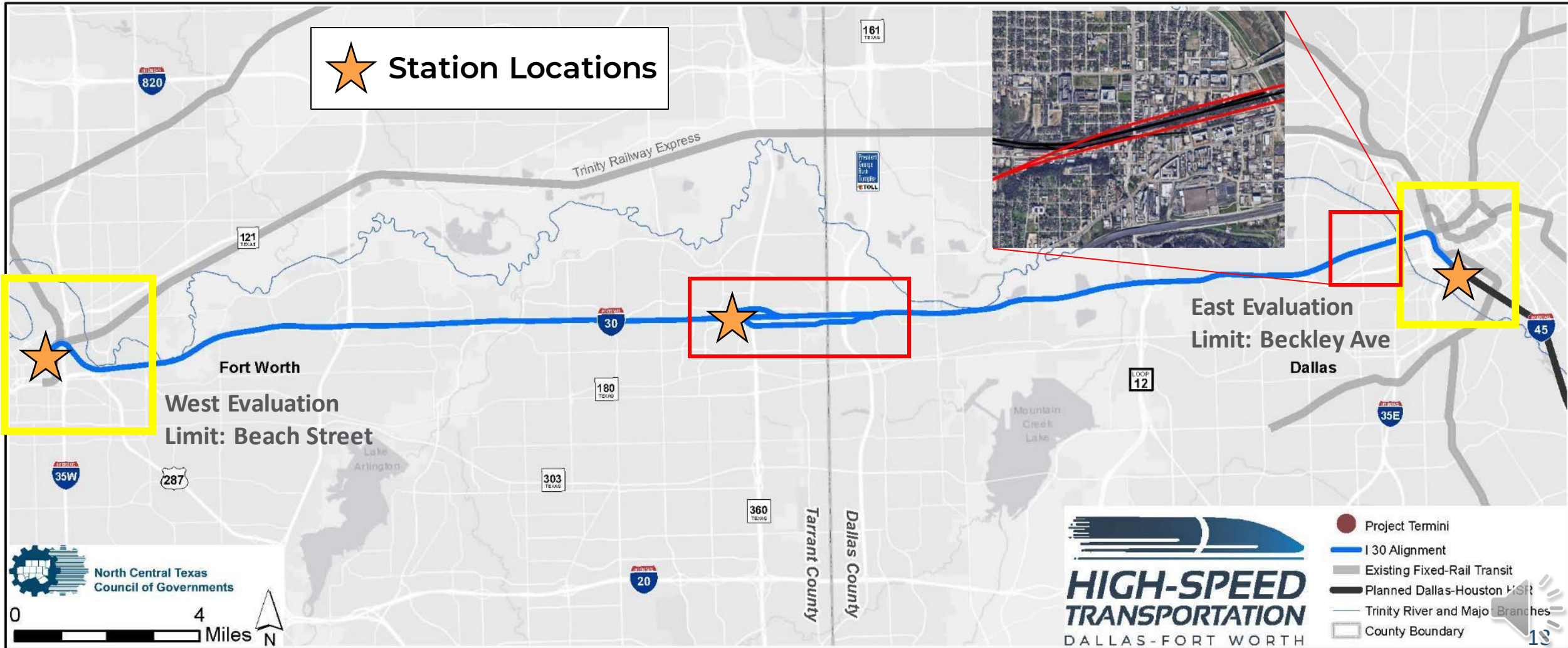


Initial Set of Alignments/Corridors

INITIAL SET OF ALIGNMENTS/CORRIDORS
September 2020



Recommended Phase 1 Alignments



Initial Modes of Transportation

● Conventional



● Higher-Speed



● High-Speed



● Maglev



● Hyperloop

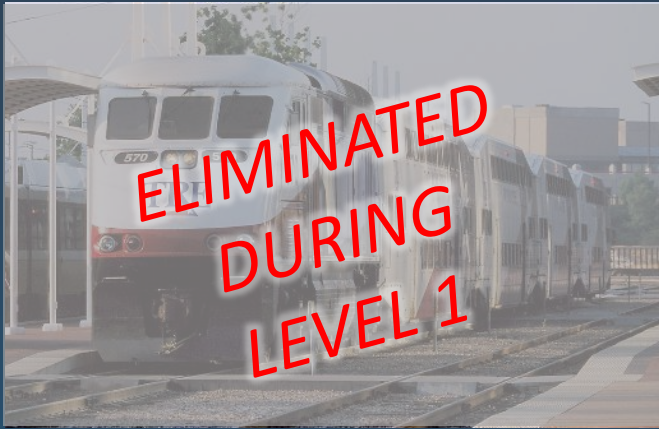


● Emerging Technologies

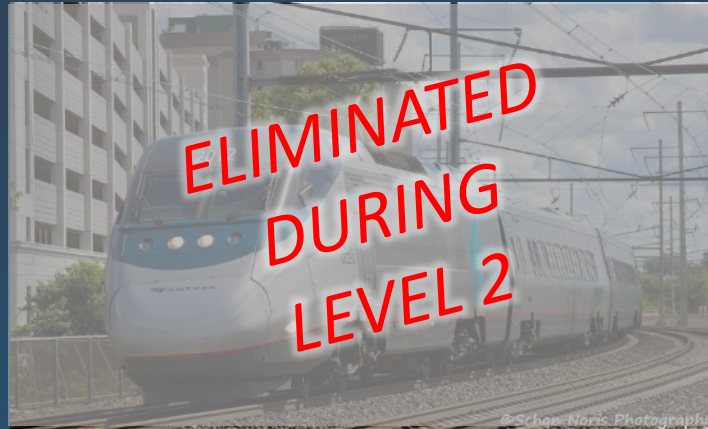


Recommended Phase 1 Modes

Conventional



Higher-Speed



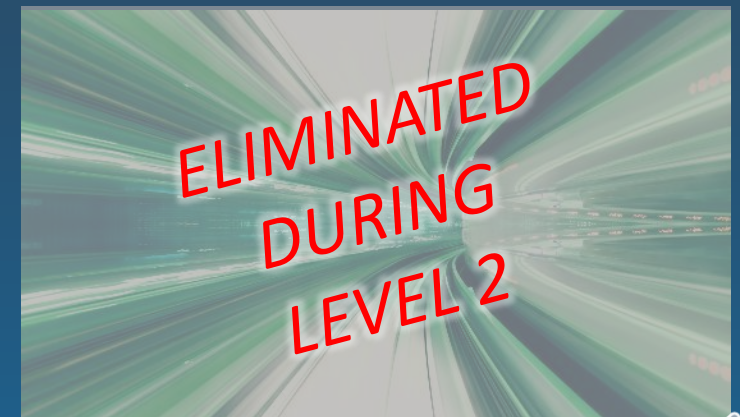
High-Speed



Maglev



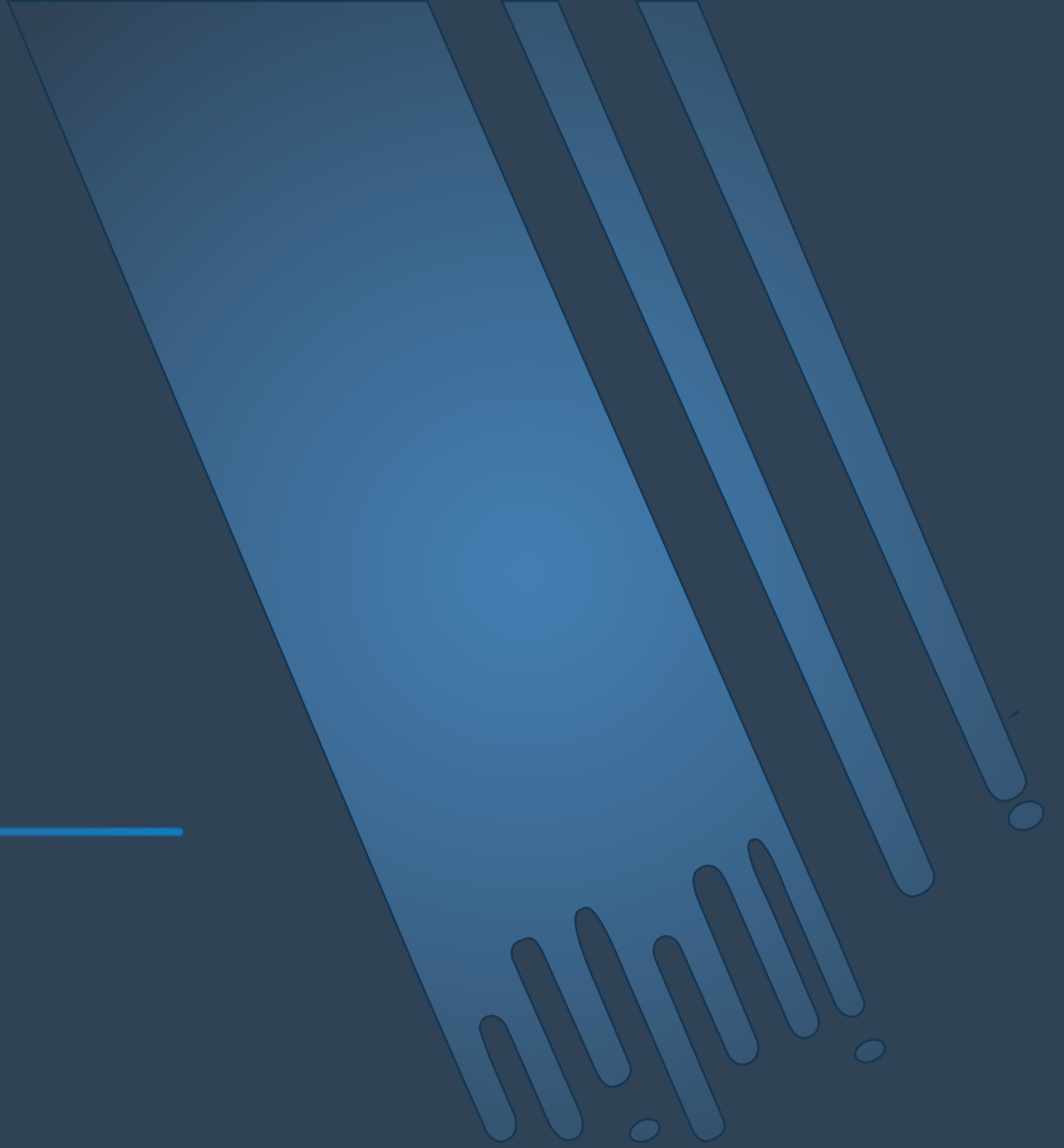
Hyperloop



Emerging Technologies



Next Steps

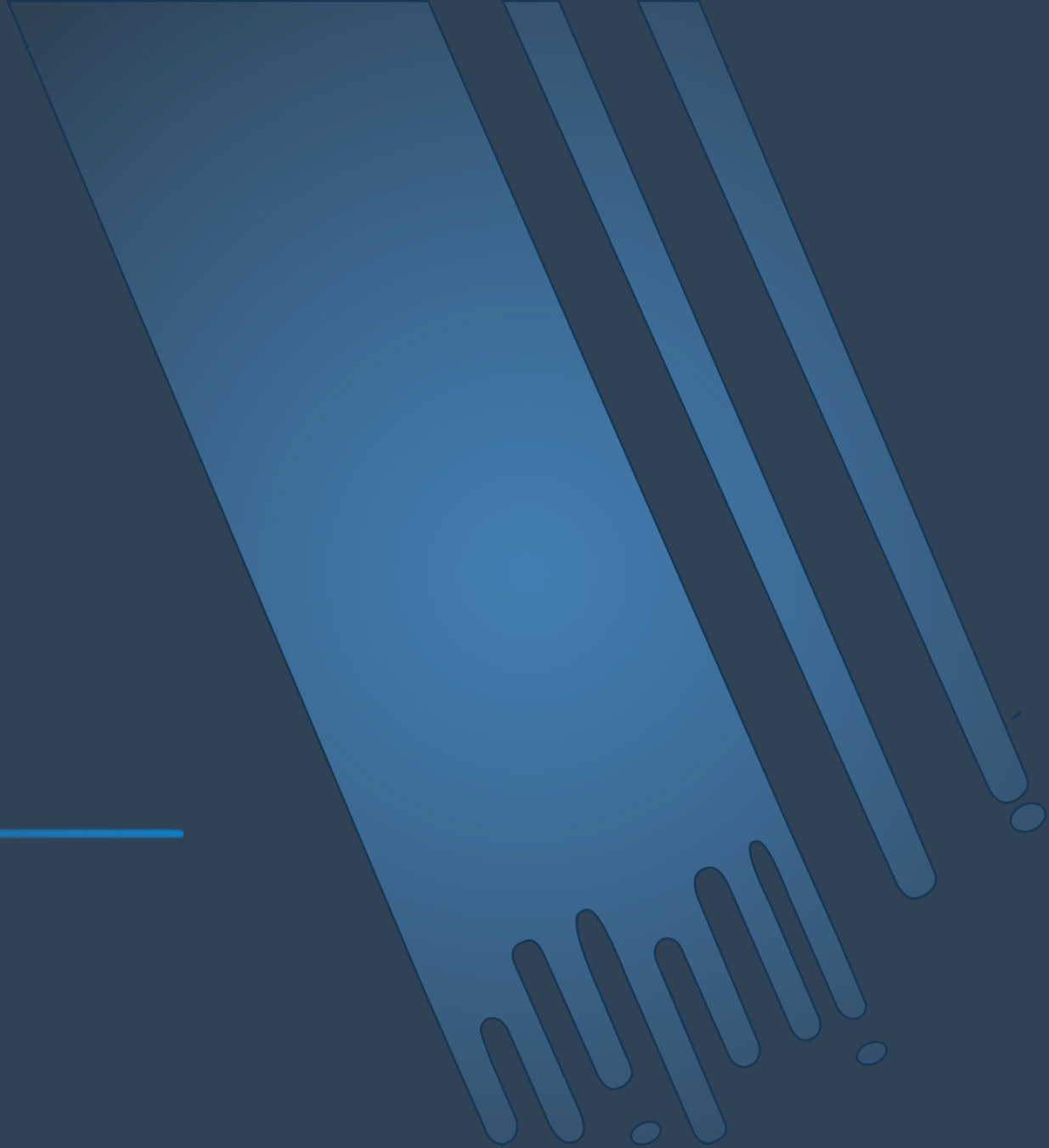


Project Next Steps

- Wrap-up Phase 1
 - Recommendations approved by Regional Transportation Council
- Initiate Phase 2
 - Two-year timeframe anticipated
 - Environmental document in accordance with NEPA
 - Preliminary Engineering
 - Financial and Project Management Plans
 - Public, Stakeholder, and Agency Outreach



Stay Connected



Stay Connected to DFWHSTC

Project Website Link

www.nctcog.org/dfw-hstcs

Interactive Online Public Comment Form

For future public meeting dates, please monitor the project website.

Open Project Documents ▾

1) Tell us about yourself and stay up to date with the project

Zip Code * Required

Last Name * Required

2) Select any of the following topics that apply to your comment: (Select up to 3)

Alignments Economic Development Environmental Traffic Right of Way Other


3) Below, you will find a map with the remaining alignments. On the left side of the map, you can toggle through layers to hide or show individual alignments, so you can review each one separately. In your review of the alignments, do you have any areas of concern? Please explain in detail. * Required

Please do not place any personally identifiable information (name, phone, or email) within your comment.

4) Would you like a response to your question or concern?

5) To drop a pin on an area of concern, tap the location. If you drop one in a wrong location, click the correct location to move your existing pin on the map. Only one pin can be dropped on the map at a time. If zoomed in, please use arrow keys to pan around the map, or use the + or - keys to zoom in and out.

Tap another location to move your pin. Use arrow keys to pan around. Use + or - keys to zoom in and out.



Additional Outreach

- Project team is available to speak at events or to groups within the project study area
- Please contact us with meeting requests or outreach suggestions!

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www.nctcog.org/dfw-hstcs



Thank you for your interest and time!

Online Comment Form and Project Information:

www.nctcog.org/dfw-hstcs

General Questions:

Email HST_DFW@nctcog.org

