



Agenda

- East Corridor Alternatives Analysis Update
 - Detailed Analysis Criteria and Methodology
 - East Corridor Station Locations Methodology
 - Next Steps
- Community Engagement

ALTERNATIVES ANALYSIS



Alternative Analysis (AA) Process





- Define all reasonable alternatives
- Screen against goals & objectives

Many Options

2 REFINE

- Advance remaining alternatives
- Perform detailed technical analysis

Fewer Options

1 LPA per corridor

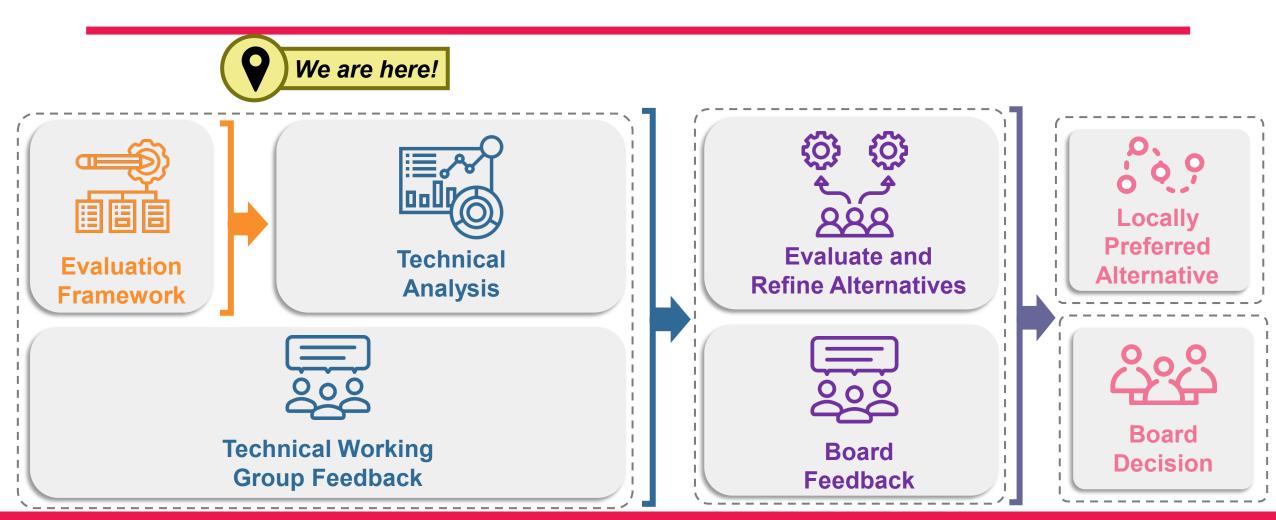


SELECT

Board consideration of LPA



Year 3 – Refine and Select Phase Process



EVALUATION ERAMEWORK

Initial Criteria

Refinement Process





Connections and Mobility



Local Plans



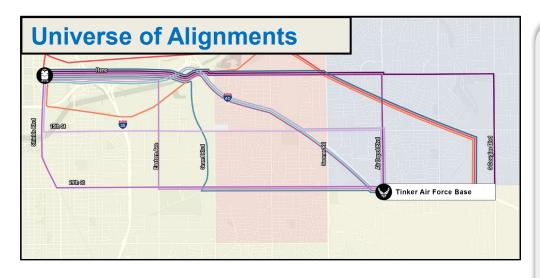
Access



Cost Elements



Economic Development



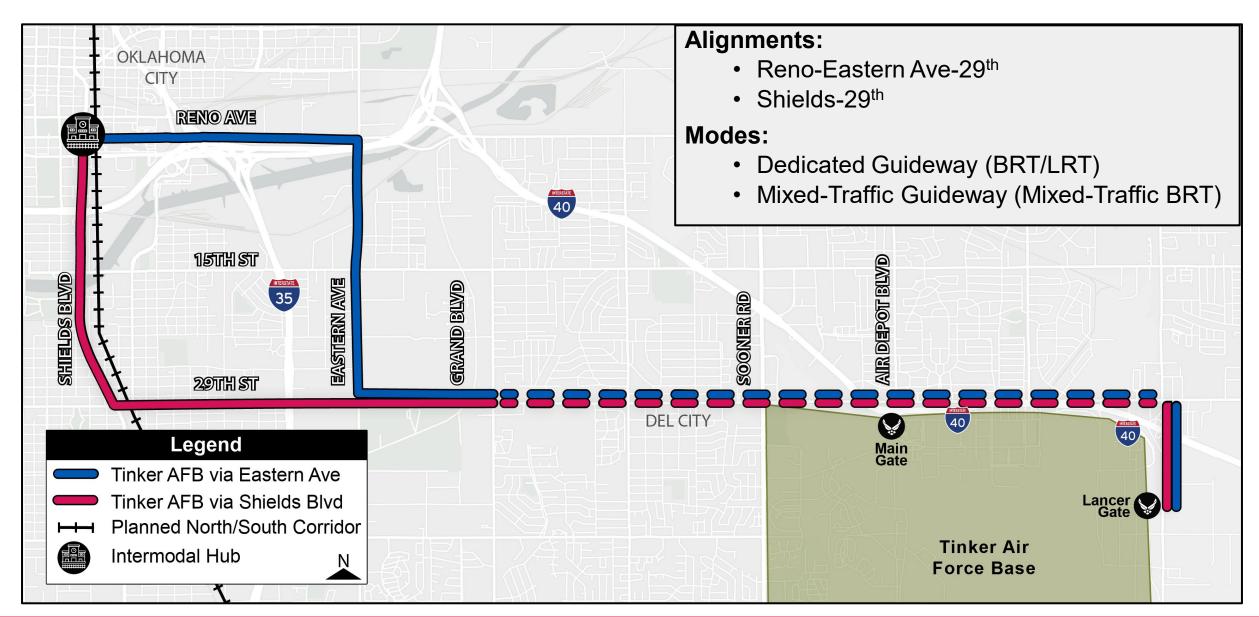






Defining the Alignments





Defining Potential Modes



Dedicated Guideway





Mixed-Traffic







Goals & Objectives

Mobility & Connectivity

Objective:

Increase regional transportation choices by connecting activity centers with high-capacity transit that is fast and reliable.









Equity & Accessibility

Objective:

Implement a safe and accessible system for all people that creates a community with options.







Land Use & Economic Development

Objective:

Develop a transit system that inspires economic development to promote growth in the region and national competitiveness.







Sustainability & Viability

Objective:

Provide a costeffective sustainable system that invests resources responsibly.







Detailed Evaluation Scoring Matrix



Goal	Reno-Eastern Mixed-Traffic	Reno-Eastern Dedicated Guideway	Shields-29th Mixed-Traffic	Shields-29th Dedicated Guideway
Mobility & Connectivity				
Equity & Accessibility				
Economic & Workforce Development				
Sustainability & Viability				





Goal	Objective	Criteria
		Connections to existing transit routes
Increase regional transportation choices by	Existing pedestrian crash history along corridor	
	Connections to existing and planned active transportation network	
Connectivity	with high-capacity transit that	Connections to existing intersections
is fast and reliable.	Estimated end-to-end travel time	
	Existing trips between station areas (origin-destination analysis)	



























Goal	Objective	Criteria
		Persons with disabilities within service area
		Existing jobs within service area (2020)
Implement a safe and Equity & accessible system for all	Future jobs within service area (2040)	
Accessibility	-	Resources and trip generators within service area
		Persons with limited mobility within service area
		Connections created across ACOG active transportation barriers







































Goal	Objective	Criteria
Sustainability & Viability invests resources responsibly.		Ability of service to handle ridership increase without additional investment
		Ridership estimate
	Estimated capital construction cost	
	Estimated operations and maintenance cost	
		ROW requirements and acquisition costs
		Traffic impacts on existing roadways

Scoring Methodology

- Scoring is designed to facilitate decision making and establish relative differences between alternatives
- Quantitative and qualitative metrics will be scored on a 5-point scale

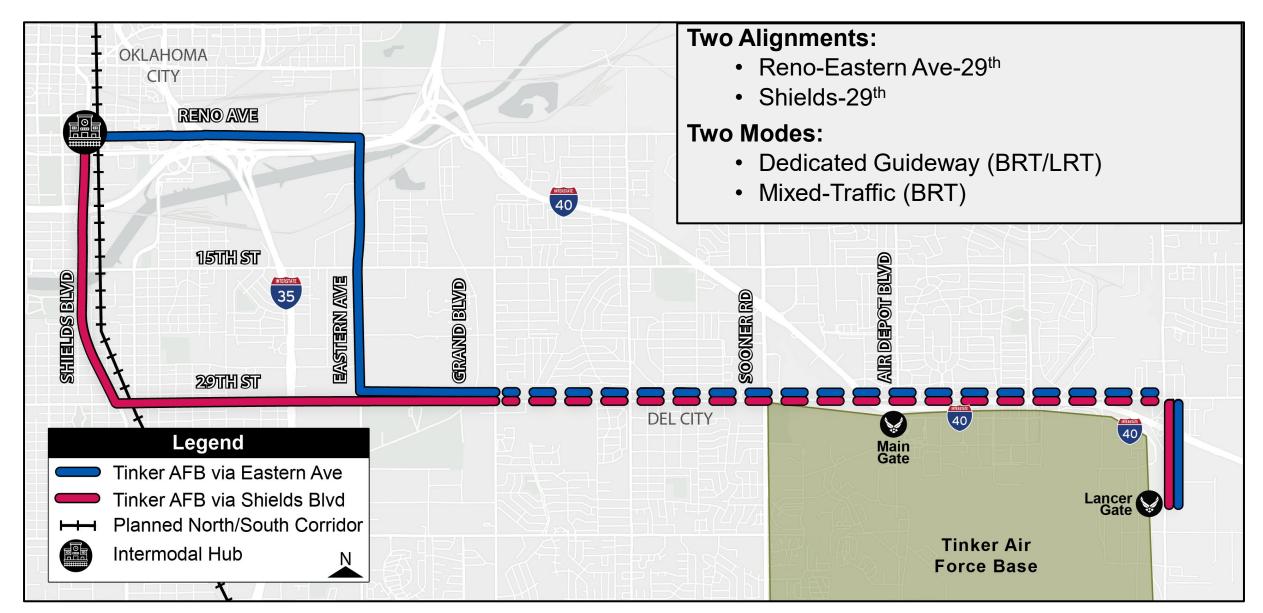


DISCUSSION

STATION LOCATION CONSIDERATIONS

Defining the Alternatives





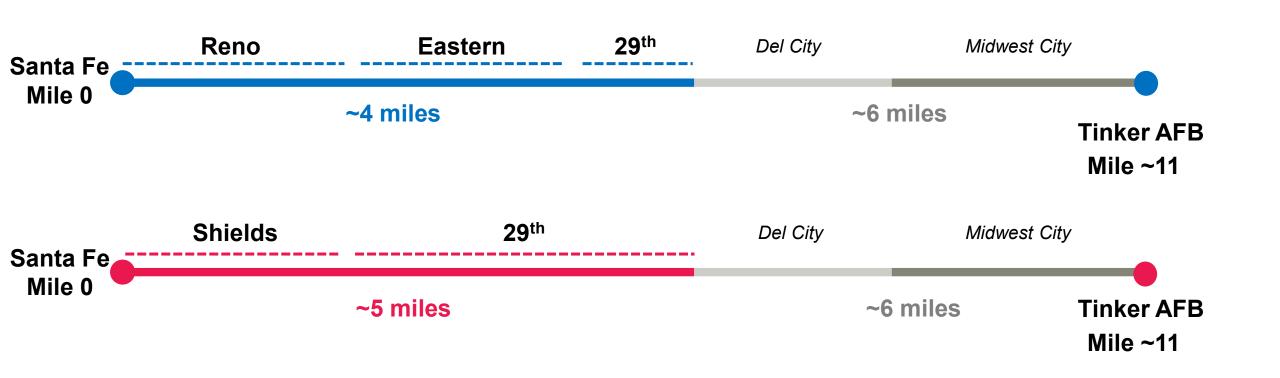


Station Location Indicators

- What today and, in the future, will drive the need to have a station?
- 1. Placement Indicators:
 - Existing trips (Origin-Destination)
 - Demand Drivers (Job density, population density, commercial areas, etc.)
 - Future economic development and areas of high projected job/population growth
- 2. Spacing Indicators:
 - Speed of trip
 - Cost of investment

OKLAHOMA CITY RENDO AVIS SENSO AVIS Legend Tinker AFB via Eastern Ave Tinker AFB via Shields Blvd Planned North/South Corridor Intermodal Hub N Tinker Air Force Base

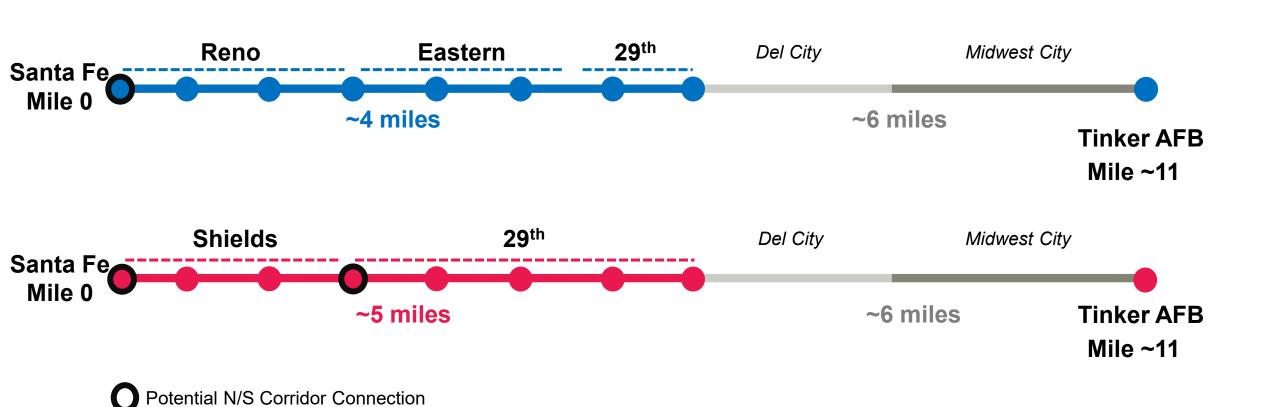
Defining the Alternatives





Increased Access, Lower Speeds

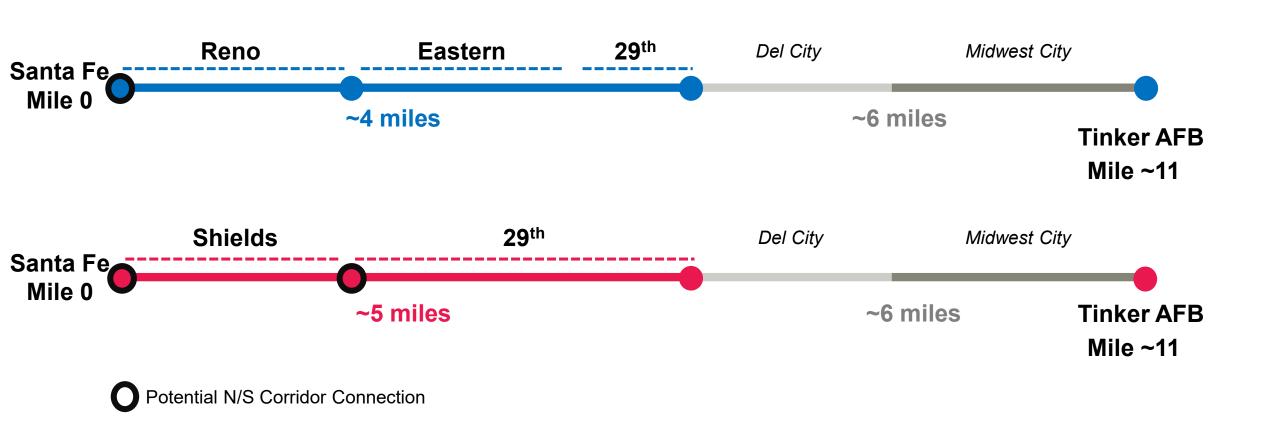






Limited Access, Higher Speeds





Balancing Tradeoffs



More Stations

- More community access
- More development opportunity

Range of Options

Fewer Stations

- Faster travel time
- Lower costs





Connection to Detailed Evaluation

- Assumption for station location is connected to majority of the Evaluation Criteria
- The location and number of stations can be adjusted based on detailed evaluation findings

DISCUSSION





September Engagement Campaign

- Major Campaign intended to:
 - Educate stakeholders
 - Collect feedback from the community
- 14 in-person events from September 21st October 1st
- Attending community events:
 - Live Q&A with project team
 - Interactive maps and activities
 - User preference surveys
 - Educational materials

Engagement Events

Date	Name/Location of Event	Time
September 21st	Oklahoma City Community College	9:00 a.m. – 2:00 p.m.
	Tinker Air Force Base	2:00 p.m 3:30 p.m.
September 22nd	University of Central Oklahoma	10:00 a.m 2:00 p.m.
	Transit Rides/Stations Visit	3:00 p.m 6:00 p.m.
September 23rd	OU Student Union	9:00 a.m 2:00 p.m.
	Transit Rides/Stations Visit	2:00 p.m 4:00 p.m.
	Edmond North HS	5:30 p.m 7:30 p.m.
September 24th	Norman Farmers Market	7:00 a.m 12:00 p.m.
	OU/KState Tailgate/Gameday	12:00 p.m 5:00 p.m. (Kickoff TBD)
September 26th	Moore Norman Tech	9:00 a.m 2:00 p.m.
	Transit Rides/Stations Visit	TBD
September 27th	Transit Rides/Stations Visit	TBD
	Edmond Shift Public Open House	TBD
October 1st	Fiestas de las Americas (Capitol Hill Neighborhood)	10:00 a.m 8:00 p.m.

RTAMoves.com

Visit the project website, www.rtamoves.com for the following:



Learn More!

Project summary information and FAQs are provided on the website.



We want to hear from you!

Share your feedback by participating in our survey and interactive map.





Technical Working Group - Work Plan



