

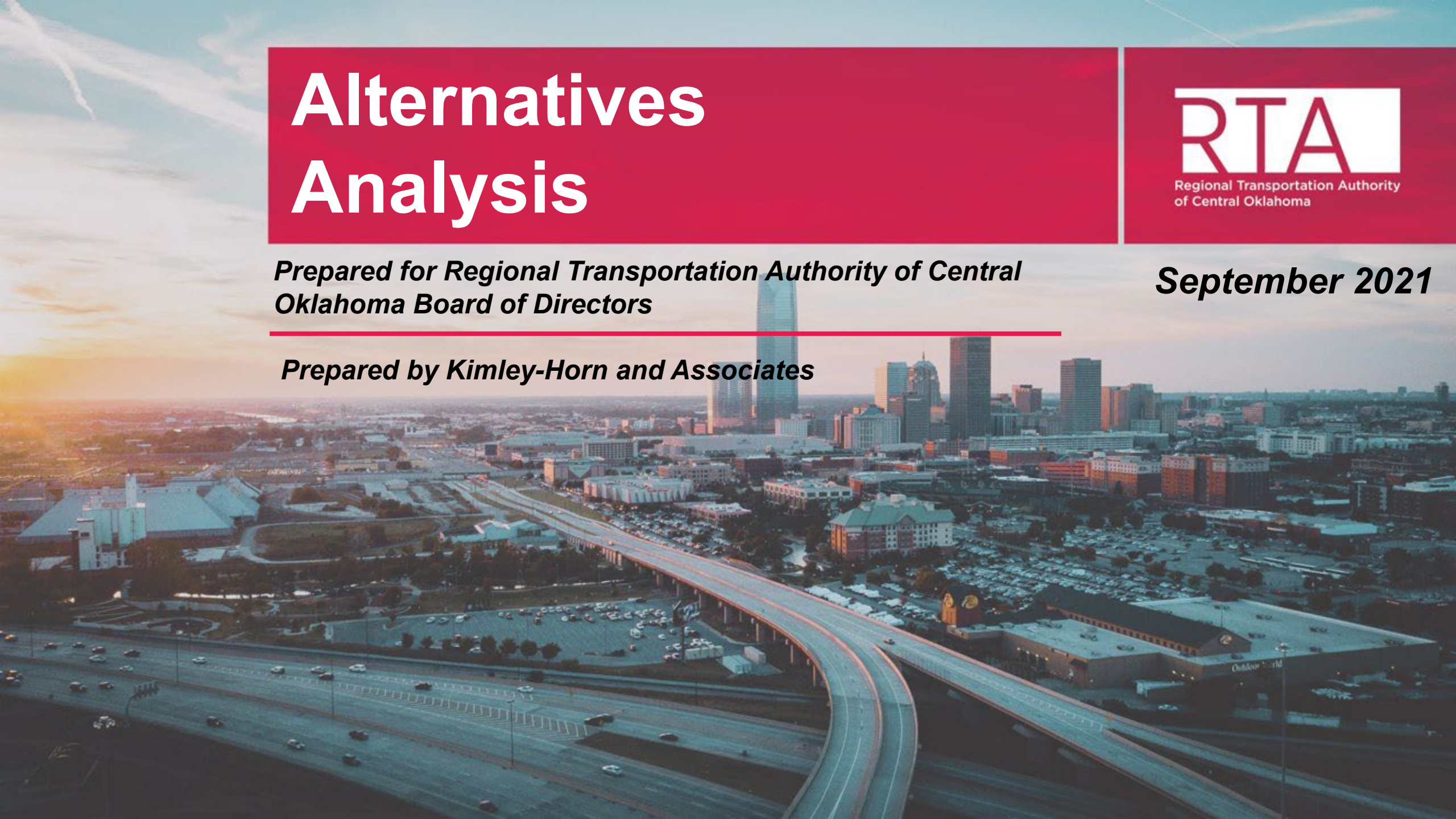
Alternatives Analysis



*Prepared for Regional Transportation Authority of Central
Oklahoma Board of Directors*

September 2021

Prepared by Kimley-Horn and Associates



Agenda

- About RTA
- Transit Modes 101
- Public Engagement
- Transit System Plan
- Alternatives Analysis
- Upcoming Steps

Prior to RTA Formation

Year	Study Name	Sponsor	Key Findings/Purpose
2005	Fixed Guideway Study	COTPA	Identifies 2030 System Plan Vision including blend of enhanced bus, BRT, streetcar, and commuter rail corridors
2011	Intermodal Transportation Hub Master Plan	ACOG	Identifies a feasible, centralized intermodal hub site to accommodate fixed guideway system identified in 2005 Study
2015	Commuter Corridors Study	ACOG	Analyzes corridors from 2005 Study, and recommends North (to Edmond) and South (to Norman) commuter rail corridors, and streetcar east to Tinker AFB
2016	Encompass 2040	ACOG	Metropolitan Transportation Plan identifies how to invest \$10b in transportation system over 25-year horizon within the OCARTS area

Formation of RTA

- Regional independent governmental agency established 2019 under laws of State of Oklahoma
- Responsibilities include developing, funding, constructing/implementing, operating/maintaining projects within district boundaries

2014

Passage of HB 2480:
State Legislation

2017-18

Trust Agreement & Indenture:
RTA Development

2013-2014

Commuter Corridors Study
(Approved 2015)

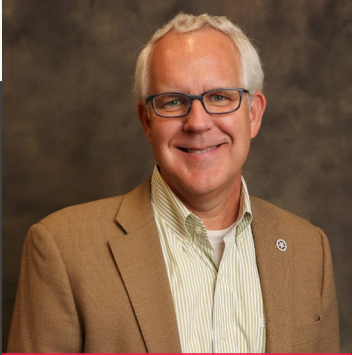
2015

Memorandum of Understanding:
ACOG Task Force

2019

Historic Signing:
RTA Formed

RTA BOARD OF DIRECTORS



Brad Henry
CHAIRMAN
City of Oklahoma City



Marion Hutchison
VICE CHAIRMAN
City of Norman



James Boggs
TREASURER
City of Edmond



Mary Mélon
SECRETARY
City of Oklahoma City



Steve Eddy
DIRECTOR
City of Moore



Don Vick
DIRECTOR
City of Del City



Aaron Budd
DIRECTOR
City of Midwest City

RTA MANAGEMENT



Jason Ferbrache

RTA

Interim Executive Director

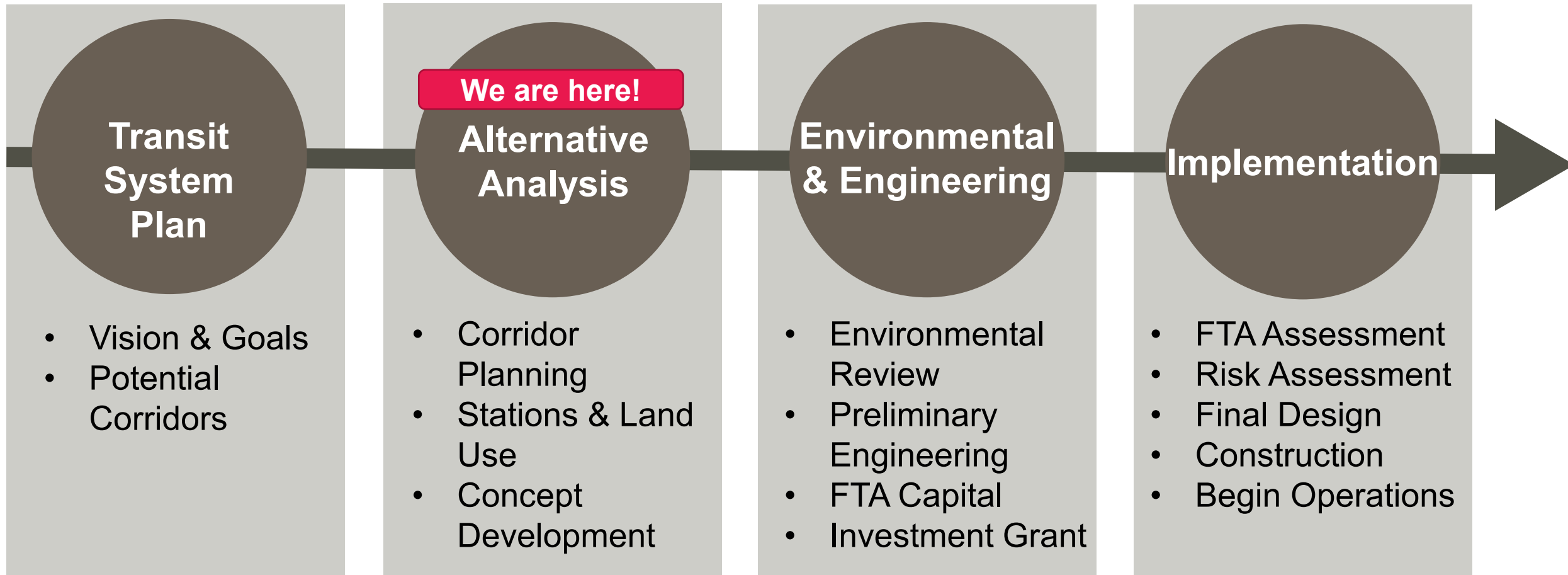


Kathryn Holmes

RTA

Owners Representative

Multi-Year Process: What to Expect



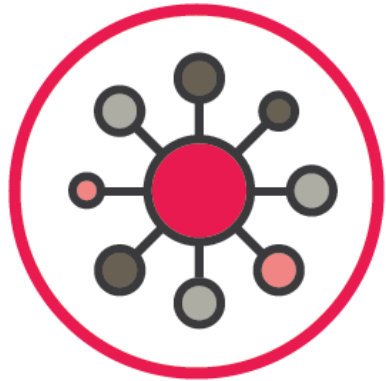
Who is involved?

Regional Transportation Authority of Central Oklahoma (RTA)

Represents 6 member cities:
Del City, Edmond, Midwest City, Moore, Norman & Oklahoma City

Federal	US Department of Transportation: Federal Highway, Federal Transit, and Federal Railroad Administrations
State	Oklahoma Department of Transportation (ODOT)
Regional	Association of Central Oklahoma Governments (ACOG)
Existing Transit Operators	Central Oklahoma Transit and Parking Authority (COTPA) / EMBARK, CityLink Edmond and City of Norman

Goal Statements



Mobility & Connectivity

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



Equity & Accessibility

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




Economic & Workforce Development

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



Sustainability & Viability

Provide a cost-effective sustainable system that invests resources responsibly.



TRANSIT MODES

Types of Transit



**Fixed Route
Bus**



Streetcar



**Bus Rapid
Transit**



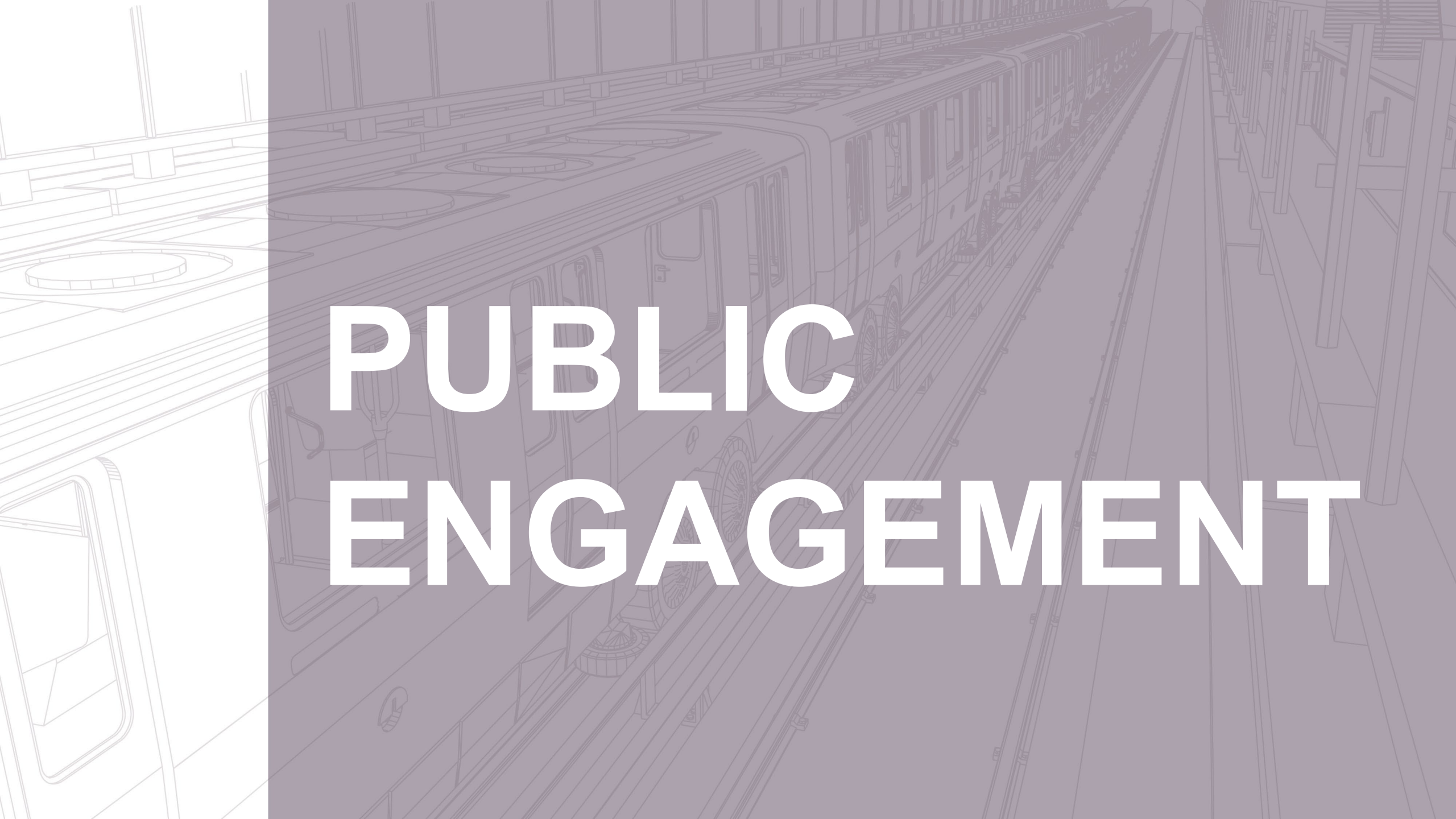
**Light Rail
Transit**



**Commuter
Rail**

Transit Modes

Mode	Capital Cost	Operating Cost (per Passenger-Mile)	Economic Development Potential	Station Spacing
Streetcar	medium to high	\$2.02	significant (along corridor)	0.25 - 0.5 Mile
Fixed Route Bus	low	\$1.31	limited	0.25 - 0.5 Mile
Bus Rapid Transit (BRT)	low to medium	\$1.31	moderate (along corridor)	0.5 - 1 Mile
Light Rail Transit (LRT)	medium to high	\$0.92	significant (around stations)	0.75 - 1 Mile
Commuter Rail	medium to high	\$0.51	moderate to significant (around stations)	5 - 8 Miles

A line-art illustration of a train in a station. The train is shown from a side-on perspective, moving away from the viewer. The station platform and tracks are also depicted with fine lines. A white vertical bar is positioned on the left side of the image, partially overlapping the train and the platform. The text 'PUBLIC ENGAGEMENT' is overlaid in the center of the image in a bold, white, sans-serif font.

PUBLIC ENGAGEMENT

Project Engagement: Values



Equity

We will provide broad access and opportunity to collaborate and receive information while keeping potential barriers to participation incorporated in the process.



Efficiency

Recognizing limited resources, we will engage in methods proven to reach a large number of people in a meaningful way.



Transparency

We will provide timely information and updates to the public and stakeholders.



Meaningful

Engagement methods will be utilized to gather feedback that is helpful to informing Project outcomes.



Continuous Dialogue

Information will be regularly provided to the public and stakeholders while continuously offering availability for collaboration and comment throughout the Project.

Methods of Engagement

2 Town Halls:
JAN 2021 & MAR 2021



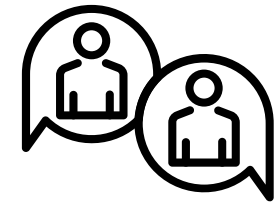
RTAMoves.com
(Project Website)



Board Briefings



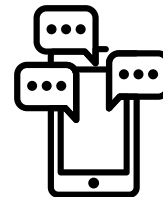
Stakeholder
Conversations



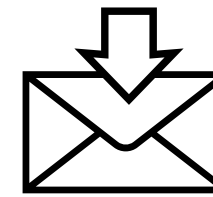
Press Release
& Local Media




Social
Media



Email
Updates

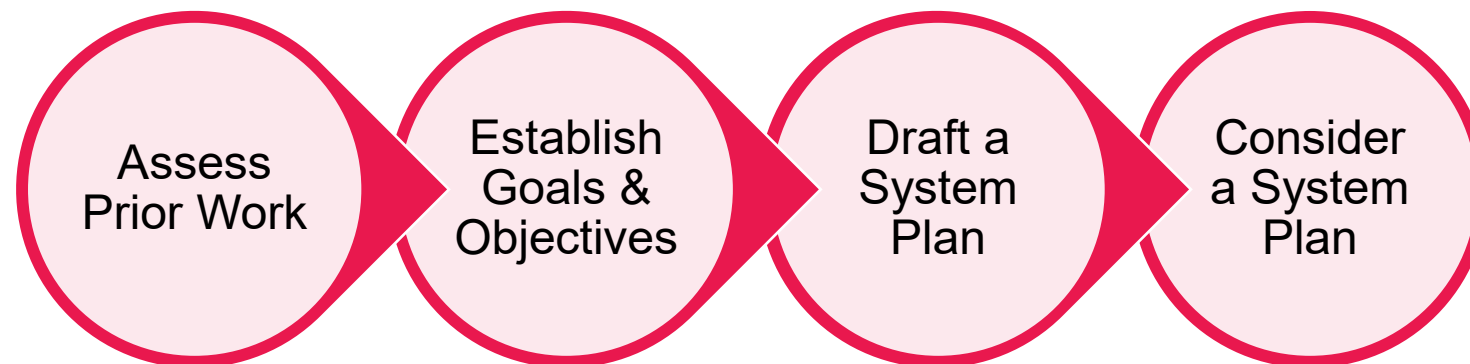














TRANSIT SYSTEM PLAN

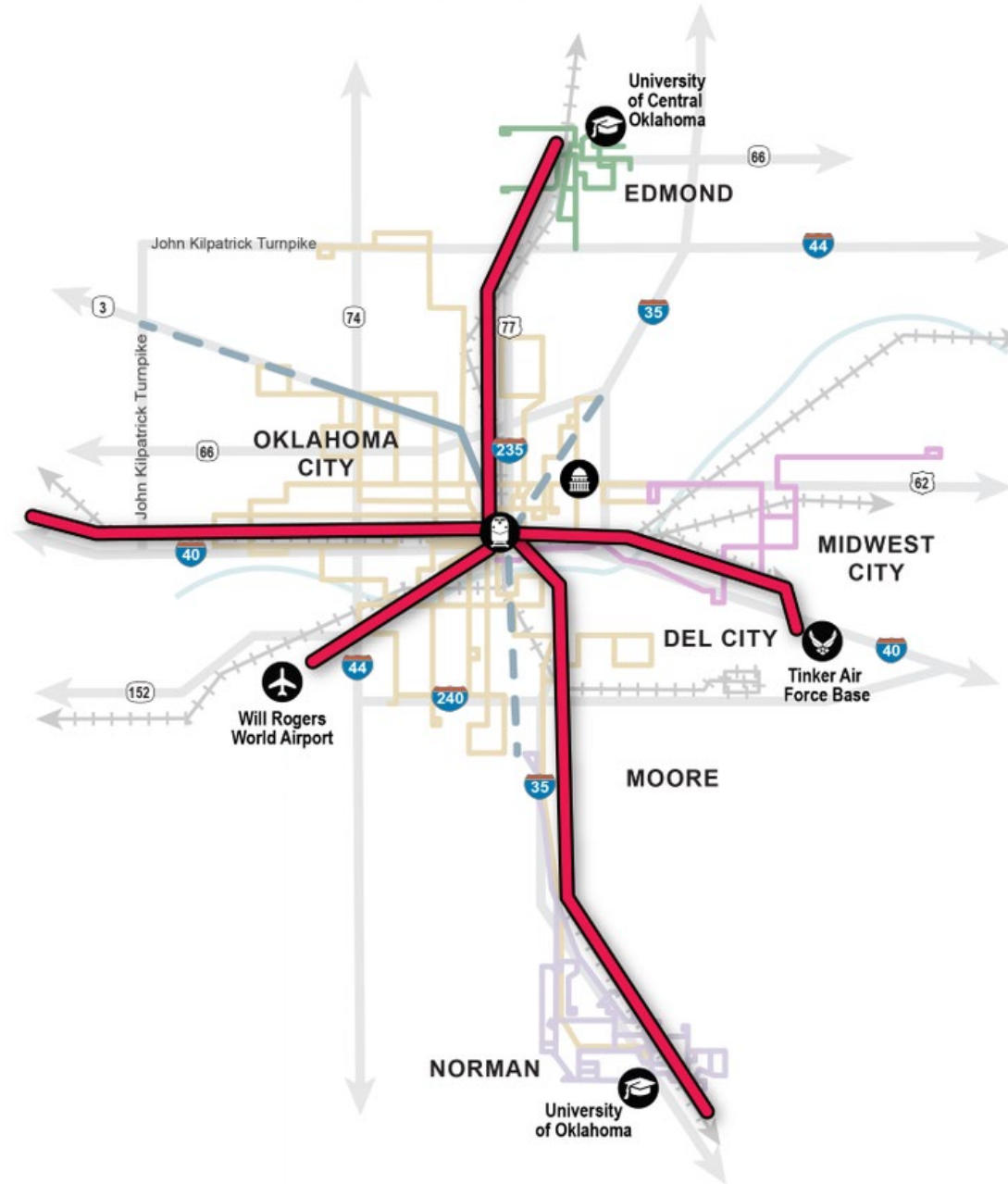
RTA Transit System Plan

- A plan that guides transportation policies, investments & projects in the RTA region for the next **10-25 years**
- Identifies projects that **align** with region's goals & communities input by leveraging previous studies & plans
- Creates a **vision** for how the region can look in the future



LEGEND

-  Potential Regional Transit Corridor
-  Initiatives by Others (Under Design)
-  Initiatives by Others (Under Study)
-  Edmond Existing Fixed-Route Bus System
-  OKC Existing Fixed-Route Bus System
-  Midwest City Existing Fixed-Route Bus System
-  Norman Existing Fixed-Route Bus System
-  Major Roads
-  Existing Railroad
-  Oklahoma River



Approved RTA Transit System Plan (April 21, 2021)



The background features a detailed architectural line drawing of a building's interior. On the left, a white line drawing shows a circular platform or stage area with a window-like opening below it. The right side of the image is a dark purple gradient with a faint, lighter purple line drawing of a long, multi-level interior space, possibly a train station or a large hall, with various structural elements and walkways.

ALTERNATIVES ANALYSIS OVERVIEW

What is an Alternatives Analysis?



Transit System Plan

Identify corridors



Technical Process

Identify feasible transit solutions



Preferred Alignment

Choose preferred transit solution



Preferred Transit Option

Identify type of transit service



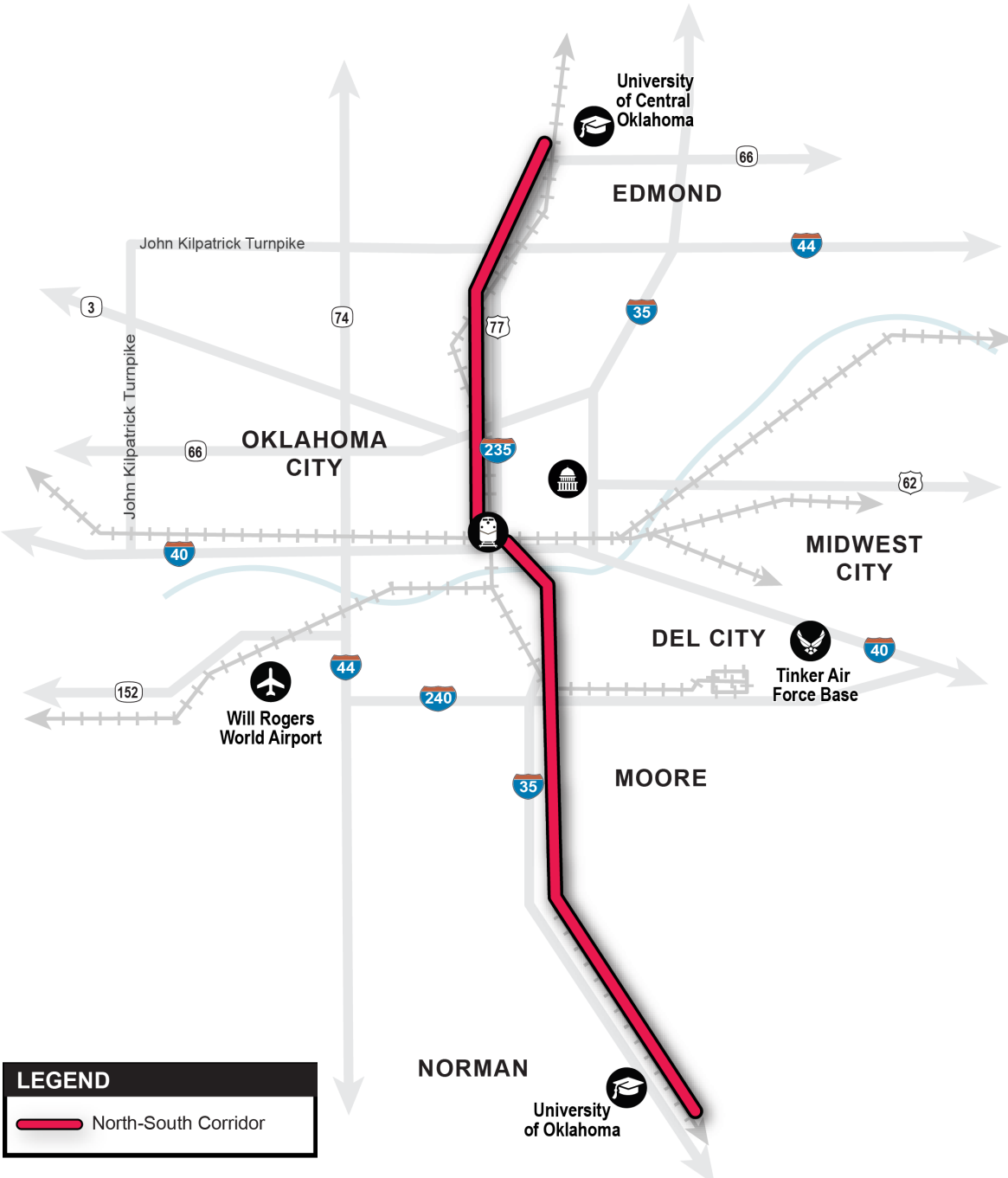
FTA Involvement

Prepare corridor for Federal involvement

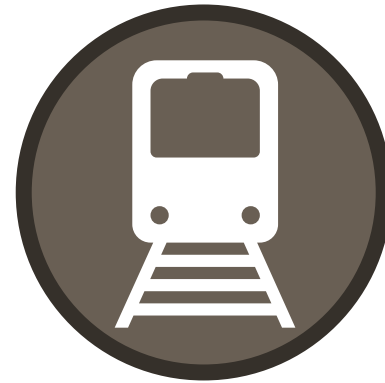
COMMUNITY ENGAGEMENT



NORTH-SOUTH CORRIDOR OVERVIEW



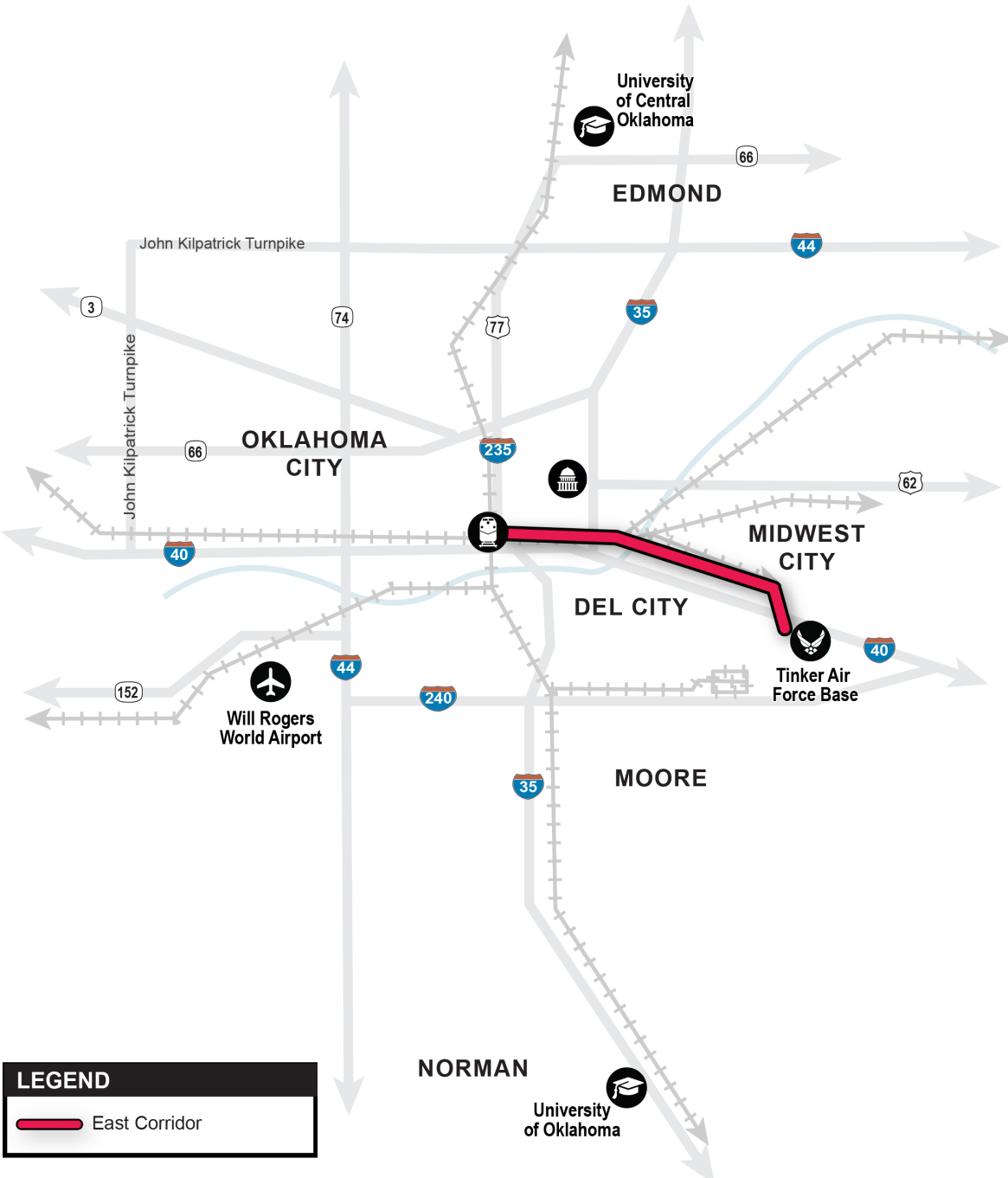
What is being studied?



Rail Commuter Service & Operations



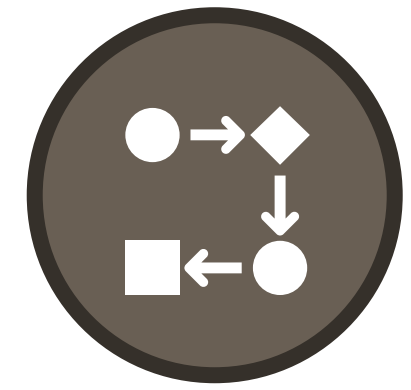
EAST CORRIDOR OVERVIEW



What is being studied?



Demographics



Travel Patterns



UPCOMING STEPS

Get Involved!

Go to www.rtaok.org/projects for the following:



Previous Town Hall Presentation Recordings

Watch or share the presentations at your convenience.



Q&A Responses

Responses to the Town Hall Q&A are posted in the summary reports in the Document Library.



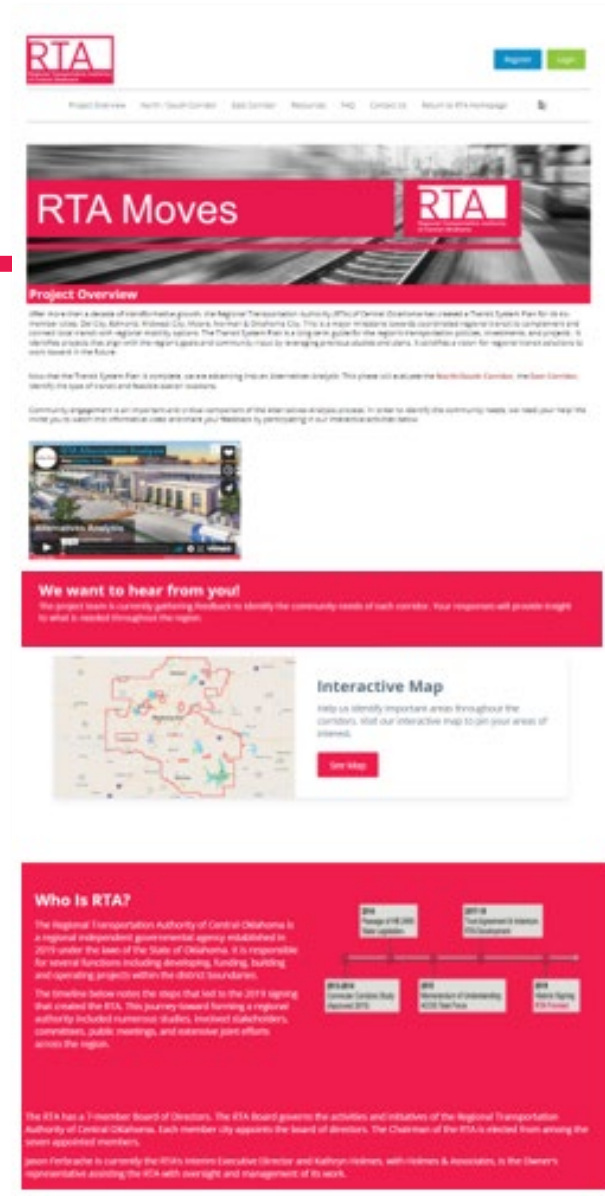
Comment/Question Form

Submit additional comments or questions through the comment form.



Stay Tuned

Subscribe for updates on RTAMoves.com to keep up to date about more engagement opportunities!





THANK YOU