



Texas Freight Advisory Committee Meeting

AllianceTexas- Circle T Ranch



August 14, 2024

Agenda

| Time | Topic | Speaker |
|--------------------|---|--|
| 8:00 – 8:15 a.m. | <p>Welcome and Introductions</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Judge Ed Emmett Fellow in Energy & Transportation Policy, Rice University's Baker Institute for Public Policy, TxFAC Chair</p> </div> <div style="text-align: center;">  <p>The Honorable Jill Dutton Texas House of Representatives, District 2</p> </div> <div style="text-align: center;">  <p>Commissioner Alvin New Texas Transportation Commission</p> </div> <div style="text-align: center;">  <p>Caroline Mays, AICP Director of Planning and Modal Programs, TxDOT</p> </div> </div> | |
| 8:15 – 8:40 a.m. | Host's Welcome and Updates from Hillwood | Russell Laughlin , Executive Vice President of Strategic Development and Innovation, Hillwood |
| 8:40 – 9:20 a.m. | Amazon and the Transportation Network, Scaling and Sustainability | Jeff Cleland , Senior Manager, Public Policy, State and Local Transportation, Amazon |
| 9:20 – 9:40 a.m. | Updates from the South Dallas Inland Port | Laura C. Freeland , Executive Director, South Dallas Inland Port |
| 9:40 – 10:00 a.m. | Railway and Road Grade Separation Funding | Lindsay Mullins , BNSF |
| 10:00 – 10:15 a.m. | Break & Networking | |
| 10:15 – 10:50 a.m. | 10-Year Truck Parking Plan | Brent Johnson , Roadside Facilities Section Director, TxDOT |
| 10:50 – 11:20 a.m. | Southeast and Far West Truck Parking Action Plans | Kale Driemeier , Freight Planner, TxDOT Jeremy Upchurch , HNTB |
| 11:20 – 11:50 a.m. | Roundtable Updates from TxFAC Members | TxFAC members |
| 11:50 – 12:00 noon | Final Remarks | Judge Ed Emmett |
| 12:00 noon | Adjourn | |

HELP
#EndTheStreakTX

End the streak of daily deaths on Texas roadways.

TxDOT.gov (Keyword: #EndTheStreakTX)



#EndTheStreakTX Toolkit



Safety Minute: Driving During Severe Weather

- **Listen to information about road conditions:** Listen to local weather radio during travel to stay informed of any area road closures or accidents.
- **Stay in the middle lane:** Flooding is less likely in the middle lane.
- **Slow down and avoid hard braking and sharp or quick turns:** Driving slower and lightly braking can help you avoid hydroplaning.
- **Increase following distance:** Leave space between your car and the one in front of you in case you need to come to a sudden stop or the rain impacts your braking ability.
- **Avoid flooded areas:** Turn around and don't drive through high water or deep puddles.
- **Be aware of windy spots:** Pay attention to large trucks that are especially prone to veering in windy conditions. You should also beware of spots where winds are typically strongest, like bridges, overpasses, and wide-open areas.
- **Watch out for debris:** Wind gusts can blow debris onto the road or your vehicle.
- **Pull over if needed:** Never drive beyond the limits of visibility and find a safe spot off the road to pull over as needed.
- **Plan ahead:** Check the weather reports and share your route plans with someone.





Opportunity
Thrives
Here





27,000-acre master-planned,
mixed-use development



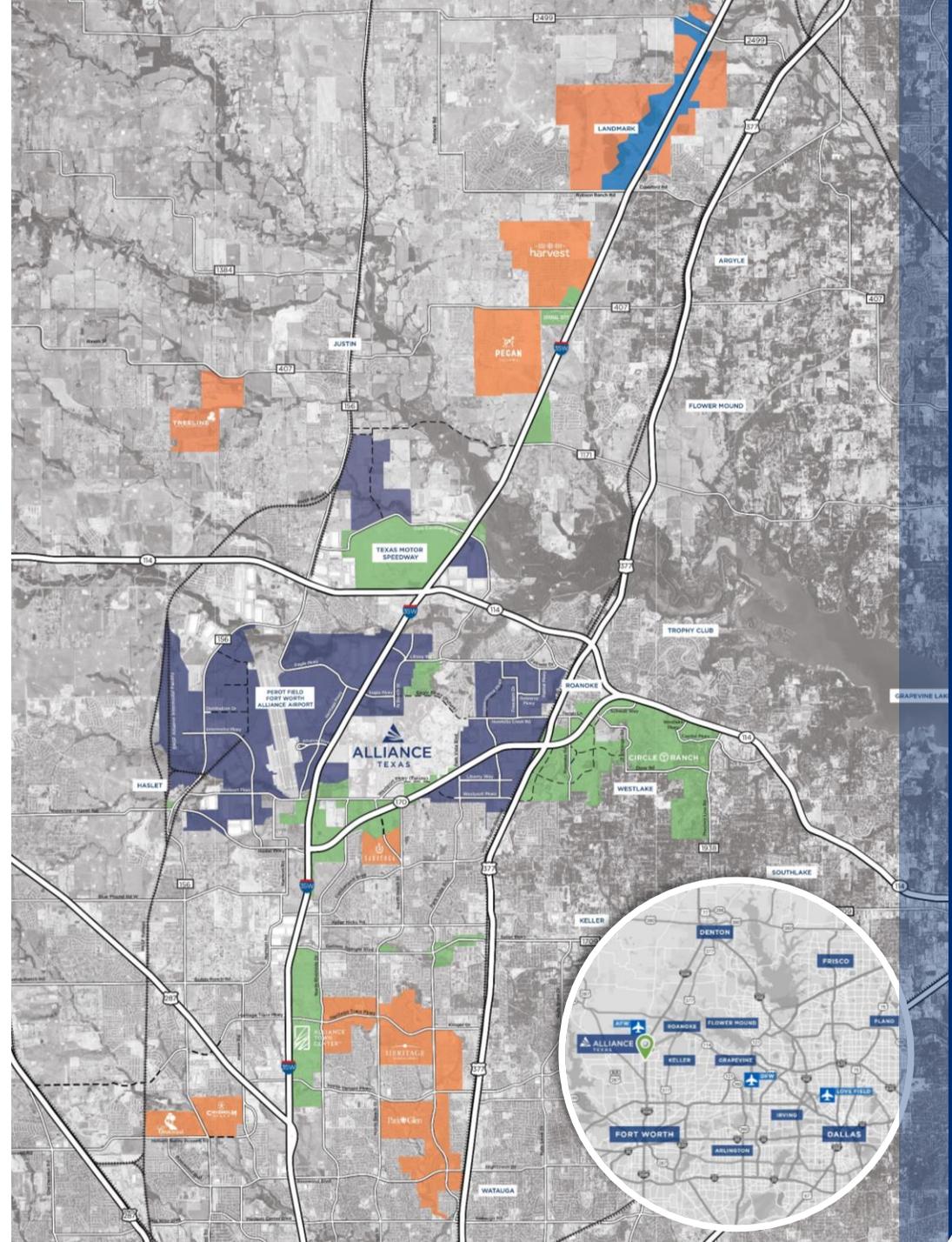
\$120 billion economic impact
\$15 billion invested
58 million SF developed



575 corporate residents
85 top-ranked companies
66,000+ direct jobs generated



Population of over 2 million
within 20 miles of AllianceTexas



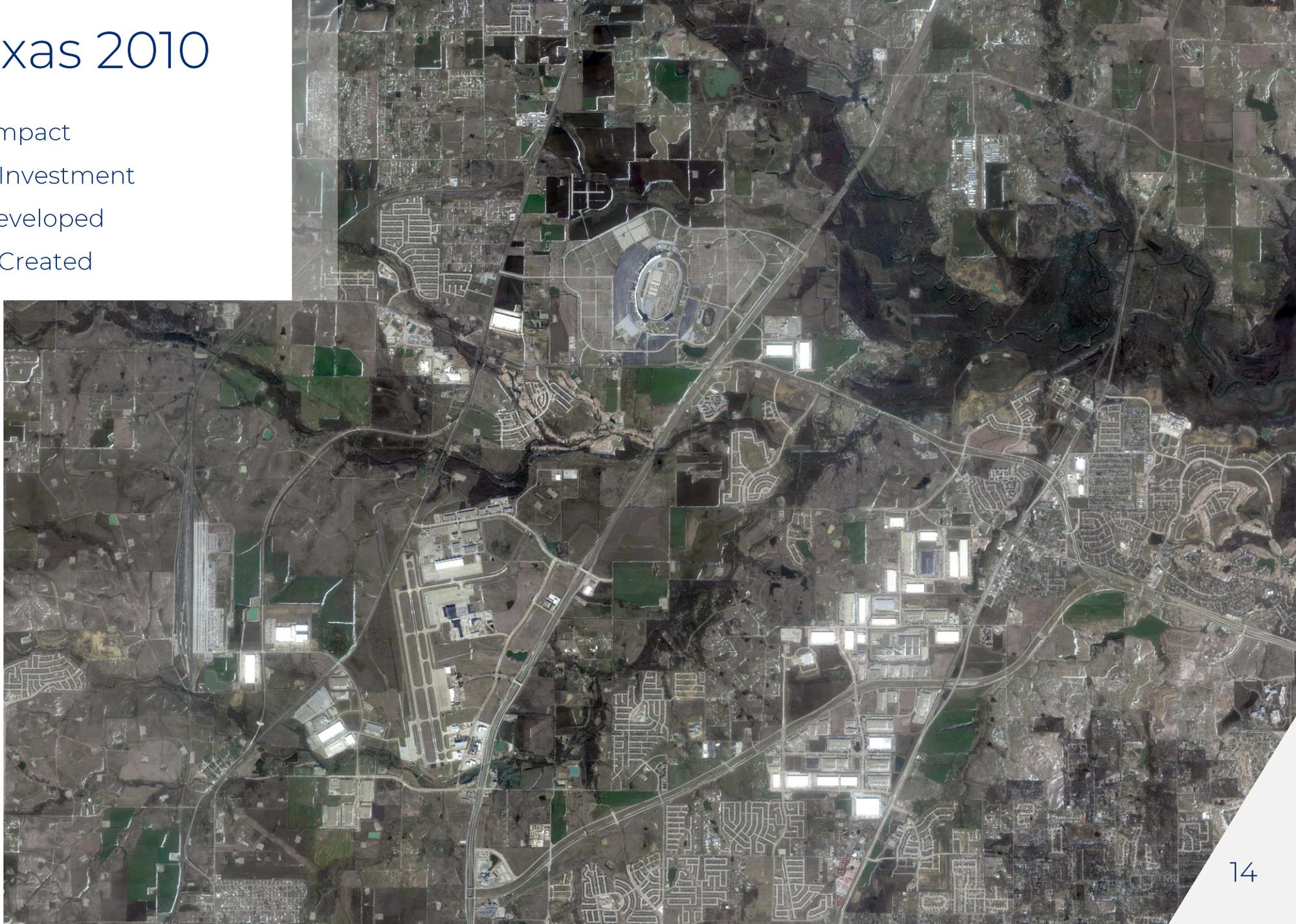
Corporate Residents

AllianceTexas has attracted some of the world's most globally recognized brands, across an array of industries, with its pioneering spirit and entrepreneurial mindset.

| MANUFACTURING/ ASSEMBLY | AUTOMOTIVE | AEROSPACE/ AVIATION | FINANCIAL SERVICES | LOGISTICS | E-COMMERCE/ TECHNOLOGY | PHARMACEUTICAL/ HEALTHCARE | CONSUMER GOODS/SERVICES |
|--|---|--|--|--|--|---|--|
|              |       |              |     |            |        |           |            |

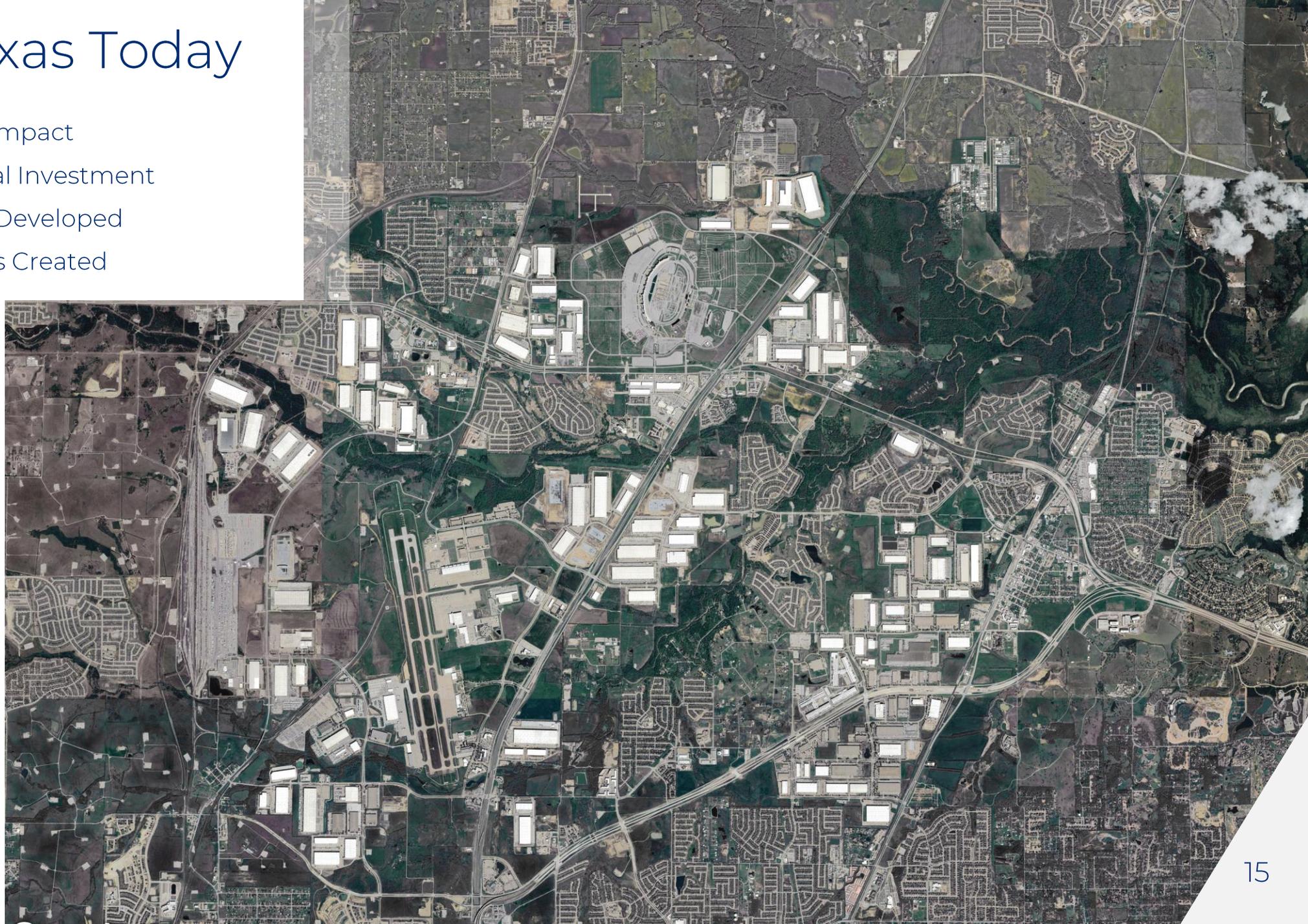
AllianceTexas 2010

- \$38.5B Economic Impact
- \$7.3B Total Capital Investment
- 31M Square Feet Developed
- 28,300 Direct Jobs Created



AllianceTexas Today

- \$120B Economic Impact
- \$15.3B Total Capital Investment
- 58M Square Feet Developed
- 66,000 Direct Jobs Created



Strategic Location



Seaport



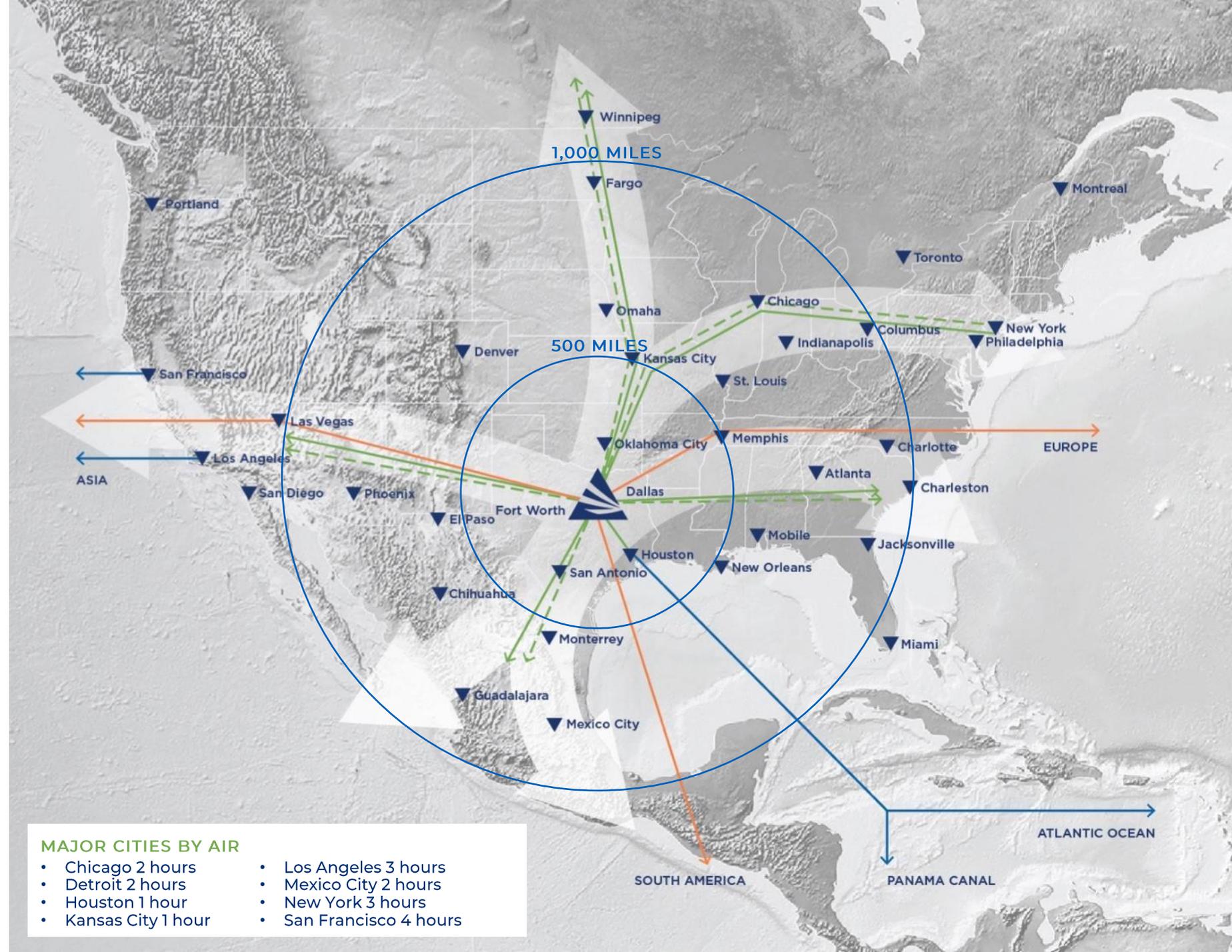
Highway



Railway



Air



MAJOR CITIES BY AIR

- Chicago 2 hours
- Detroit 2 hours
- Houston 1 hour
- Kansas City 1 hour
- Los Angeles 3 hours
- Mexico City 2 hours
- New York 3 hours
- San Francisco 4 hours

Perot Field Fort Worth Alliance Airport

- World's first industrial airport
- FAA Part 139, Class IV
- #19 Cargo Airport in U.S., moving 2.5B lbs of cargo in 2022
- Two parallel 11,000 ft, instrument runways with ILS CAT III approach
- FAA Air Traffic Control Tower 24/7/365
- Award-winning operating service team, Alliance Aviation Services



AllianceTexas

MOBILITY INNOVATION ZONE

Innovation from the ground up

AllianceTexas is home to the Mobility Innovation Zone (MIZ), an unparalleled **ecosystem** with comprehensive **supply chain capabilities**.

The MIZ environment provides mobility innovators with the infrastructure and strategic partnerships to **scale and commercialize** new technologies and propel transformational mobility solutions.

That combination works to connect people, places and ideas that push innovation in **surface and air** mobility forward.

Powerful Partnerships Pushing Mobility Forward

Convening the world's top visionaries focused on the commercialization of advanced mobility technology throughout the supply chain, the MIZ offers a premier ecosystem to form partnerships, implement innovations, and work directly with policymakers on informed regulation for emerging mobility solutions.



AllianceTexas Smart Port

- 1. Integrated Intermodal Depot with BNSF
- 2. Smart Connected Corridor
- 3. Connectivity
- 4. AV Truck Port
- 5. Resilient Micro-Grid Power
- 6. Texas Connected Freight Corridor



DFW Technology Corridor Network

LEGEND

- EXISTING TECHNOLOGY ENABLED CORRIDOR
- FUTURE TECHNOLOGY ENABLED CORRIDOR - UNDER CONSTRUCTION
- TEXAS CONNECTED FREIGHT CORRIDORS





Thank you





WE ARE
**INLAND
PORT**

INLAND PORT
TRANSPORTATION MANAGEMENT
ASSOCIATION



TODAY'S DISCUSSION:

INNOVATIONS, DEVELOPMENT & IMPACT

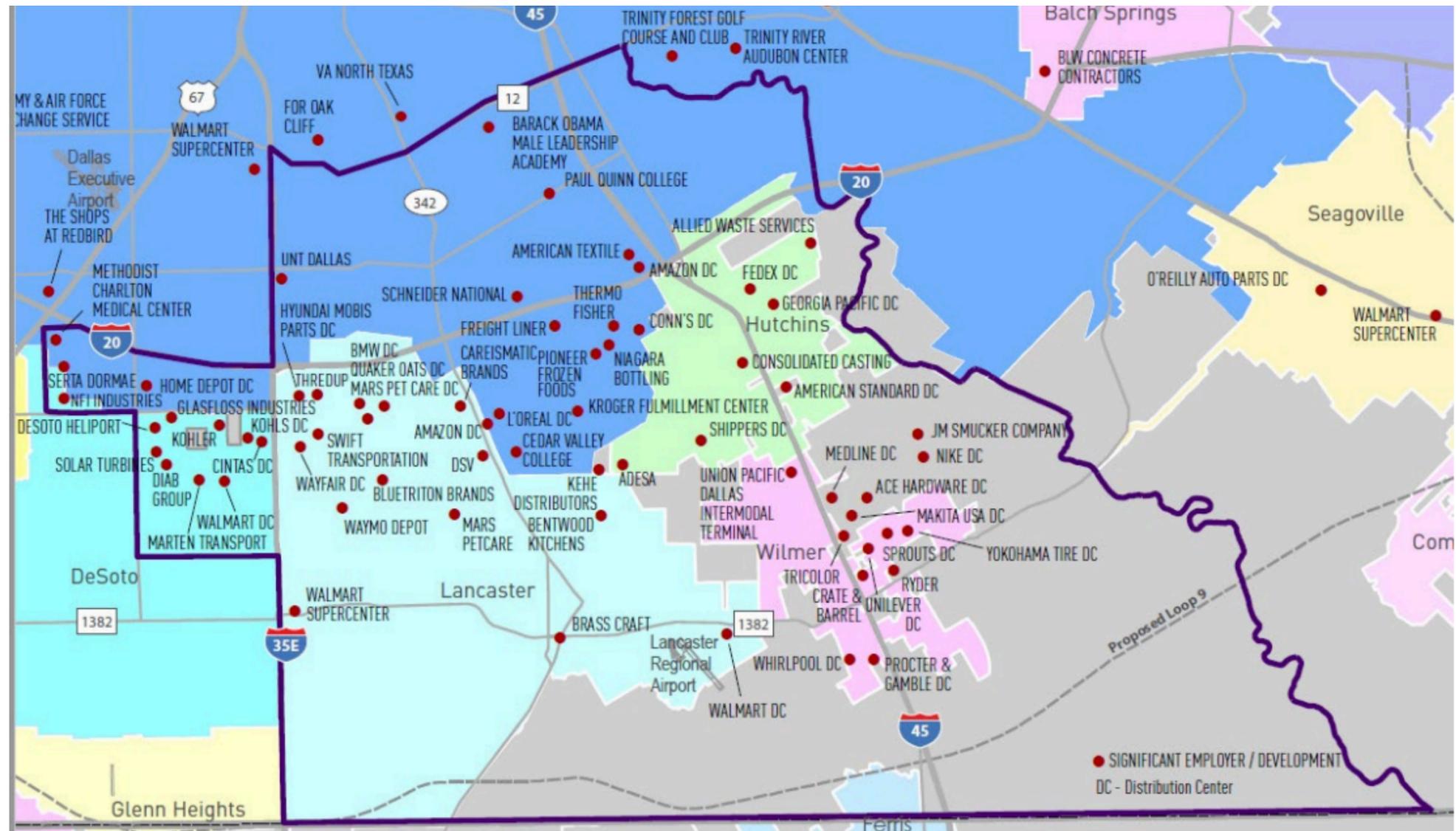
IN THE DALLAS COUNTY INLAND PORT REGION AND NATION



WHAT MAKES THIS AN INLAND PORT?

▶▶ Three Interstates
I-20, I-45, I-35

▶▶ Union Pacific
Intermodal
Terminal



Dallas-Fort Worth Region's National and International Truck Freight Connectivity



 4 hours

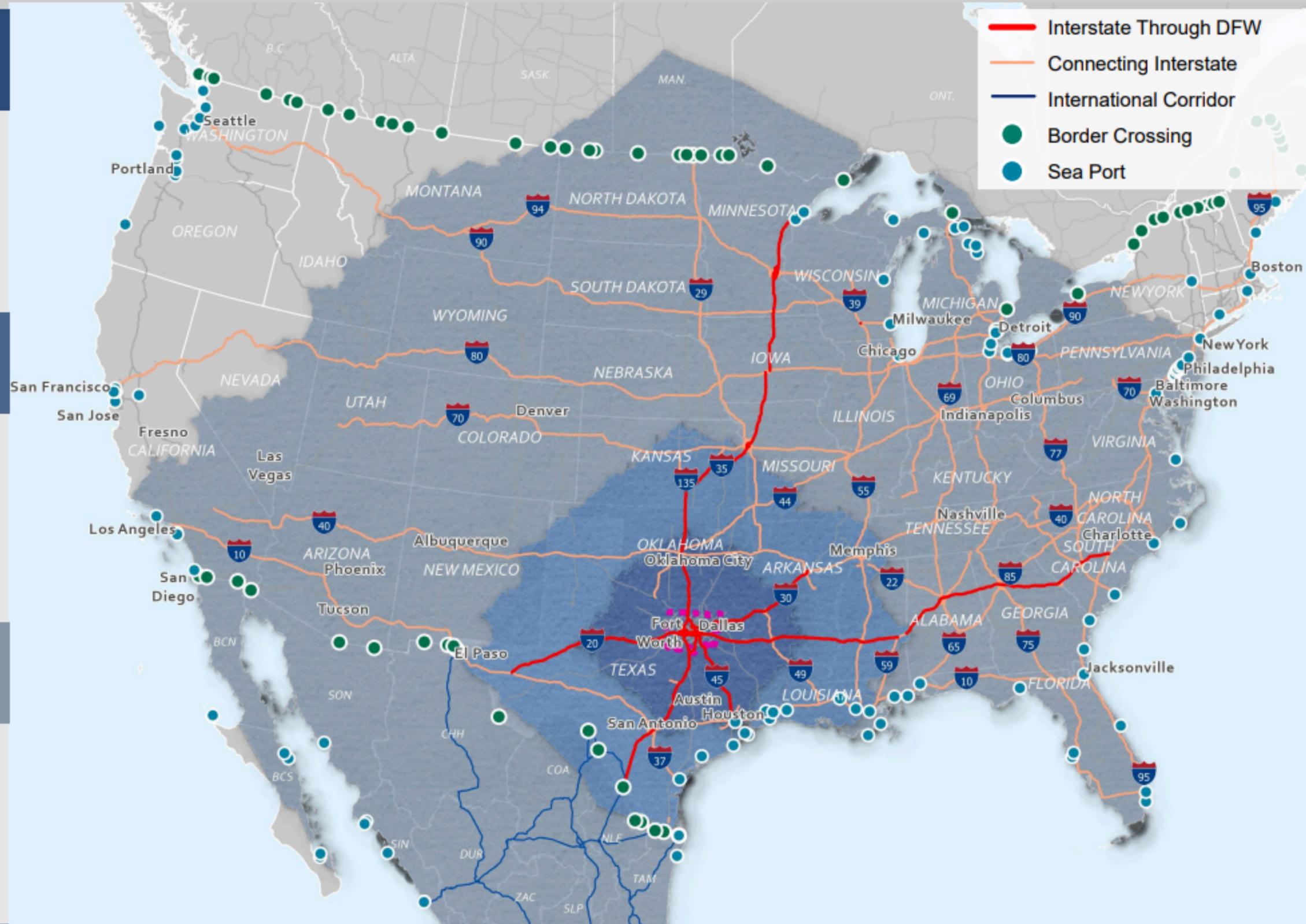
5 major metro areas
4 states

 8 hours

Metro areas in 5 states
12 truck border crossings
16 container port terminals

 24 hours

77% of US Urbanized Areas
29 Mexican States
3 Canadian Provinces



“

I'm excited about the future of the Inland Port because of the potential growth factor that will occur. People being connected to communities and exploring economic development while not having to worry about how to get to their job.

Betty Gooden-Davis, Mayor Pro Tem,
City of Lancaster





In 2021, businesses and industries in the Inland Port area generated:



30,728

Direct jobs



\$2.2B

**in total
labor income**



\$3.5B

in GSP

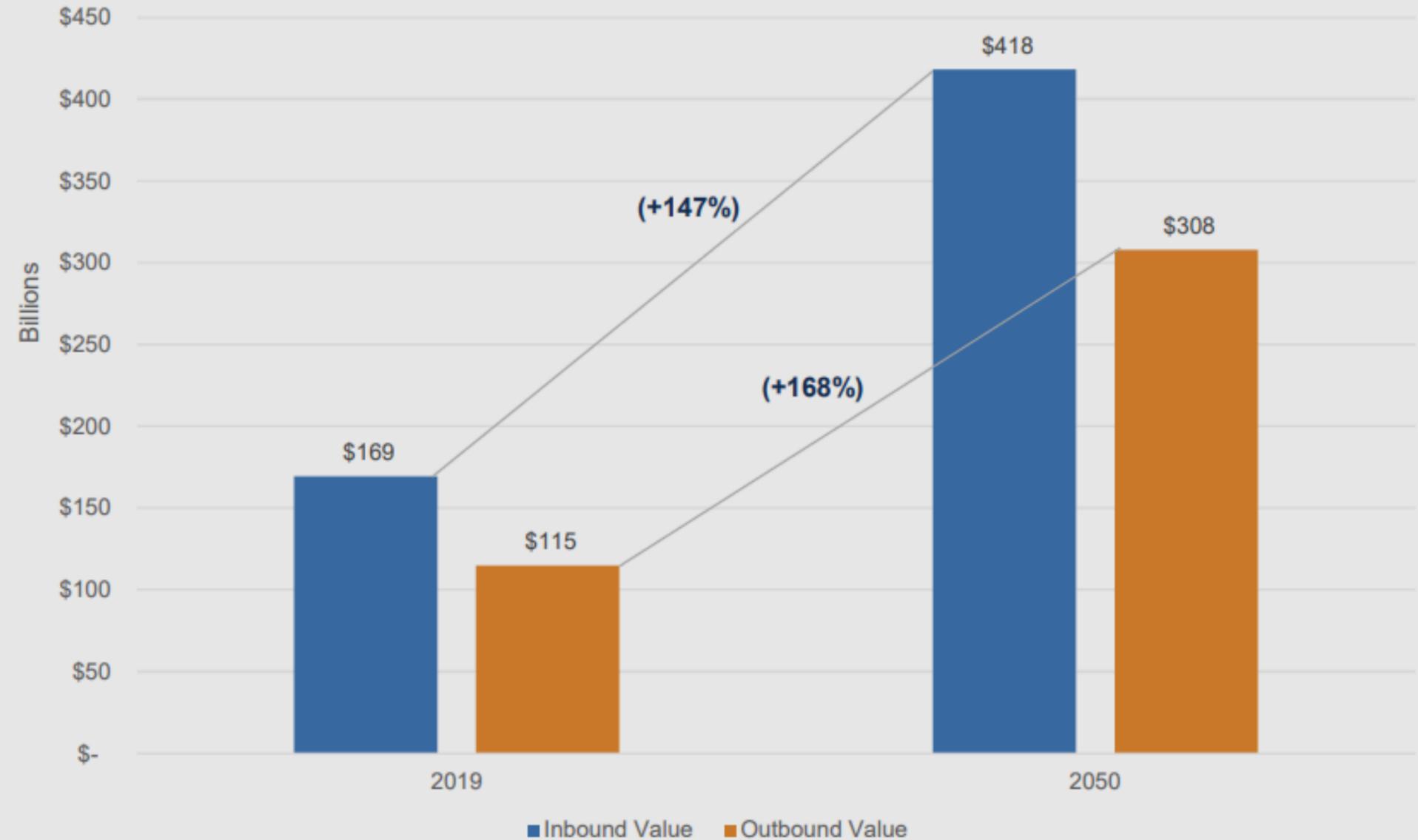
Growth Potential of the Southern Dallas Inland Port Area



The Inland Port area employs over **30,000**

30% of employers are in manufacturing and **52% in distribution**

The value of Dallas County inbound and outbound commodity flows is expected to **grow by \$248B** and **\$193B**, respectively



BENEFITS TO INLAND PORT REGIONAL COMMUNITIES



**Pathways to
Prosperity**



Higher Wage Jobs



**Strong
Partnerships**



**Overall Tax Base
Increases**

DALLAS COUNTY INLAND PORT

UNIQUE QUALITIES

- Made Up of Five Cities
- Individual Developer Driven
- No Port Authority or Overarching Strategic Team
- Workforce On-Demand Transportation for 120 Sq. Miles

Map not to scale / Mapa no lo escale

Connecting DART Service / Servicio de conexiones DART

| Service / Servicio | Inland Port Connections / Conexiones Inland Port |
|---------------------------------|---|
| 38 - Ledbetter | Buckner - Green Line Ledbetter - Blue Line |
| 41 - Bonnie View | Camp Wisdom - Blue Line Ellis Station - Blue Line |
| 45 - Marsalis | Camp Wisdom - Blue Line |
| 47 - Park | Dallas County Tax Office |
| 57 - Westmoreland | Methodist Chariton Medical Center |
| 101 - Hampton | Methodist Chariton Medical Center |
| 108 - Cockrell Hill/Camp Wisdom | Camp Wisdom - Blue Line |
| 217 - Lancaster Remosa | 8th & Cornith - Blue & Red Lines Ledbetter - Blue Line |
| 228 - Simpson Stuart | Camp Wisdom - Blue Line |

GoLink Inland Port Connect Hours of Operation
Horario de operación GoLink Inland Port Connect
4:00 a.m. - 8:00 p.m., Monday - Friday
Lunes a viernes, 4:00 a.m. a 8:00 p.m.
Book your trip with the GoPass app or by calling 877-631-5278.
Reserve su viaje con la aplicación GoPass o llamando al 877-631-5278.

***GoLink Inland Port Hours of Operation**
Horario de operación GoLink Inland Port
5:00 a.m. - midnight, 7 Days a Week
De 5:00 a.m. a medianoche, los 7 días de la semana
Book your trip with the GoPass app or by calling 214-515-7272.
Reserve su viaje con la aplicación GoPass o llamando al 214-515-7272.

Fare Information / Información sobre tarifas
Your contactless DART fare covers your GoLink trips at no additional cost.
Su tarifa de DART sin contacto cubre sus viajes GoLink sin costo adicional.

| | |
|---|--------|
| Day Pass - Local / Pase diario - Local | \$6.00 |
| Day Pass - Reduced / Pase diario - Reducido | \$3.00 |
| GoLink One-way fare / Tarifa por trayecto GoLink | \$2.50 |
| GoLink One-way fare - Reduced / Tarifa por trayecto GoLink - Reducido | \$1.25 |

For a complete list of fares including restrictions, please visit DART.org/fares, or call 214-979-1111. Learn more about GoLink zones by visiting DART.org/GoLink.
Para la lista completa de tarifas, incluyendo restricciones, visita DART.org/fares o llame al 214-979-1111. Obtenga más información sobre las zonas GoLink, visita DART.org/GoLink.

Legend / Leyenda de mapas

- GoLink Inland Port Connect / Zona GoLink Inland Port Connect
- Other GoLink zones / Otras zonas GoLink
- *GoLink Inland Port
- DART Blue Line / Línea azul DART
- Hospital
- GoLink Stop / Parada de GoLink
- Rail station / Estación de tren
- GoLink connection / Conexión GoLink
- Point of Interest / Sitio de interés
- College/University / Colegio o universidad



POTENTIAL ~~CHALLENGES~~
OPPORTUNITIES

Loop 9 (future construction)

NEIGHBORHOODS

LACK OF STRATEGIC ZONING

TREMENDOUS GROWTH IN SHORT TIME

CURRENT INFRASTRUCTURE PROJECTS

- 2012 Southern Dallas County Infrastructure Analysis
- 2021 \$12.8M RAISE grant
- 2024 \$25M RAISE grant for road expansion
- DCIP Flood Protection Planning Study
- Loop 9



CREATION OF A LOCAL GOVERNMENT CORPORATION

- ▶ Regionwide Entity Advocating for the Development of the Inland Port
- ▶ Coordinate Marketing, Infrastructure Development and General Welfare of the Port as a Region

IDENTIFYING INVESTMENT OPPORTUNITIES

ATTRACTING PARTNERS TO INVEST IN THE INLAND PORT

- Urban Air Mobility (UAM), e.g., eVertiSKY
- Clean fuel vendors, e.g., electric/hydrogen trucks, electric charging grids
- Universities and Community Partners: SMU, UNT, Child Poverty Action Lab, Environmental Defense Fund

REGIONAL GRANT AWARDS THAT IMPACT THE INLAND PORT

- NSF planning grant awarded, next phase is to apply for Stage 2 grant
- NCTCOG received \$70M to build Texas Triangle network of hydrogen fueling stations, including Inland Port location

GRANT APPLICATIONS SPECIFIC TO THE REGION

- SMART Grant to implement UAM
- Clean Ports grant to monitor truck emissions and engage with community

“

More and more contenders will be coming to this Inland Port ...

Dr. Subhro Mitra, UNT Dallas

HOW WILL YOU BE INVOLVED?



A black and white photograph of an industrial robotic arm in a factory setting. The arm is positioned on the left side of the frame, and it is actively welding a metal component. Bright sparks are flying from the point of contact between the welding torch and the metal. The background is dark and out of focus, showing other parts of the industrial environment. The overall tone is industrial and professional.

WE ARE
**INLAND
PORT**

INLAND PORT
TRANSPORTATION MANAGEMENT
ASSOCIATION

INLANDPORT.ORG

Break





10-Year Truck Parking Plan



July 24, 2024

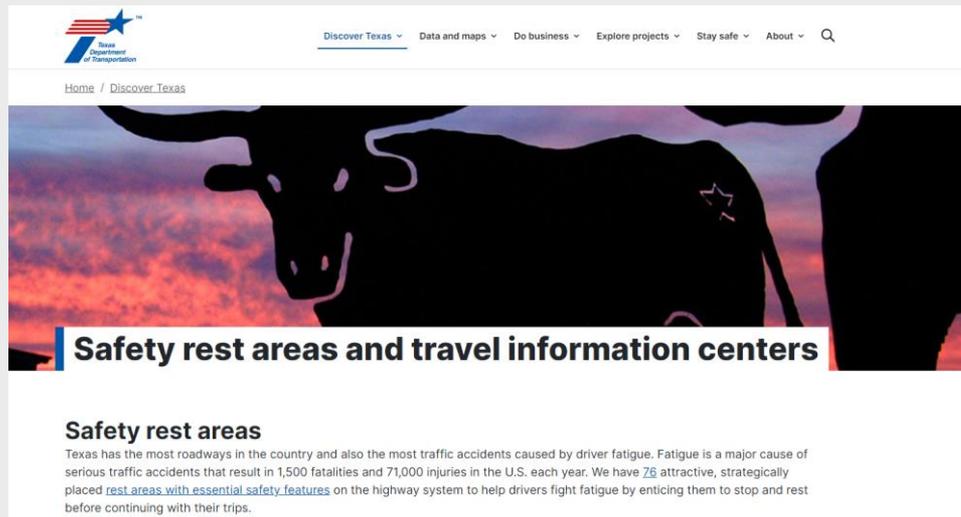
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- 11** | Statewide Truck Parking – Truck Parking Only Solution
- 12** | Statewide Truck Parking – Truck Parking Only Solution
- 13** | Statewide Truck Parking – Truck Parking Expansion Solution
- 14** | Parking Space Analysis
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Background and Context

- The State of Texas has 76 Safety Rest Areas providing a SAFE place to stop for the traveling public.
- Safety Rest Areas are found in 24 of the 25 TxDOT Districts.
- The Safety Rest Area program has and continues to prioritize preventing fatigued-related accidents and fatalities.
- Recently starting in FY24, the Safety Rest Area program was allotted a yearly budget to support this effort.

Safety Rest Area Information



Discover Texas ▾ Data and maps ▾ Do business ▾ Explore projects ▾ Stay safe ▾ About ▾ Q

Home / Discover Texas

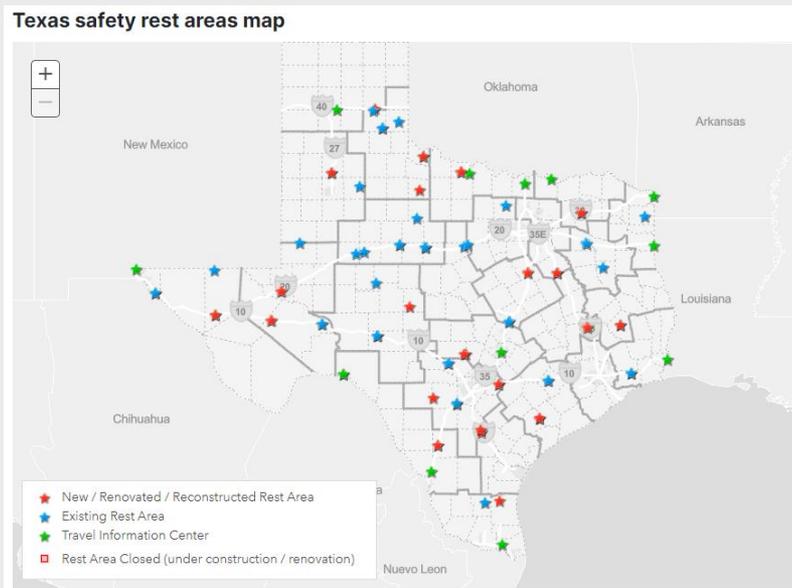
Safety rest areas and travel information centers

Safety rest areas

Texas has the most roadways in the country and also the most traffic accidents caused by driver fatigue. Fatigue is a major cause of serious traffic accidents that result in 1,500 fatalities and 71,000 injuries in the U.S. each year. We have 26 attractive, strategically placed [rest areas with essential safety features](#) on the highway system to help drivers fight fatigue by enticing them to stop and rest before continuing with their trips.

www.TxDOT.gov

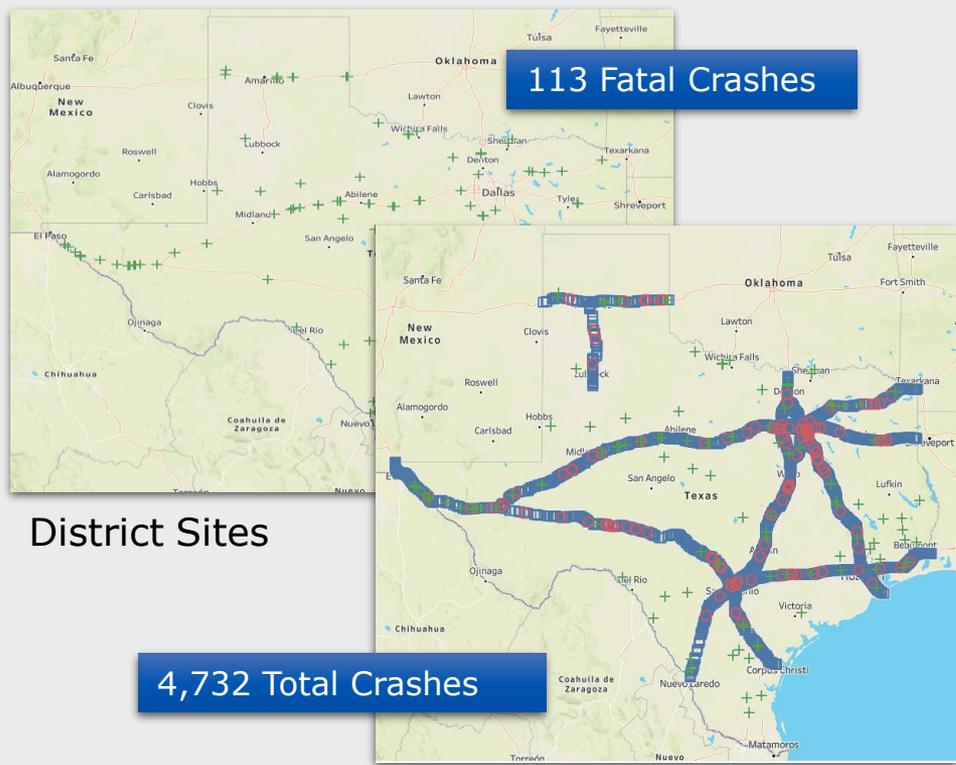
<https://www.txdot.gov/discover/rest-areas-travel-information-centers.html>



Initial 10-Year Implementation Plan

- The initial 10-Year Implementation Plan was based around improving the current Safety Rest Area program.
- Our group continuously reviews specific metrics to determine where SRAs should be located:
 - Fatigued-related accident and fatality data
 - Average Annual Daily Traffic
 - Distance to/from large cities
 - Distance between SRAs
 - Age of existing facilities
- We anticipated providing an increase of approximately 700 new parking spaces.

Crash Data Analysis



District Sites w/ Crashes



District Sites w/ Fatigued Related Fatalities

Aging Facilities



El Paso
1966



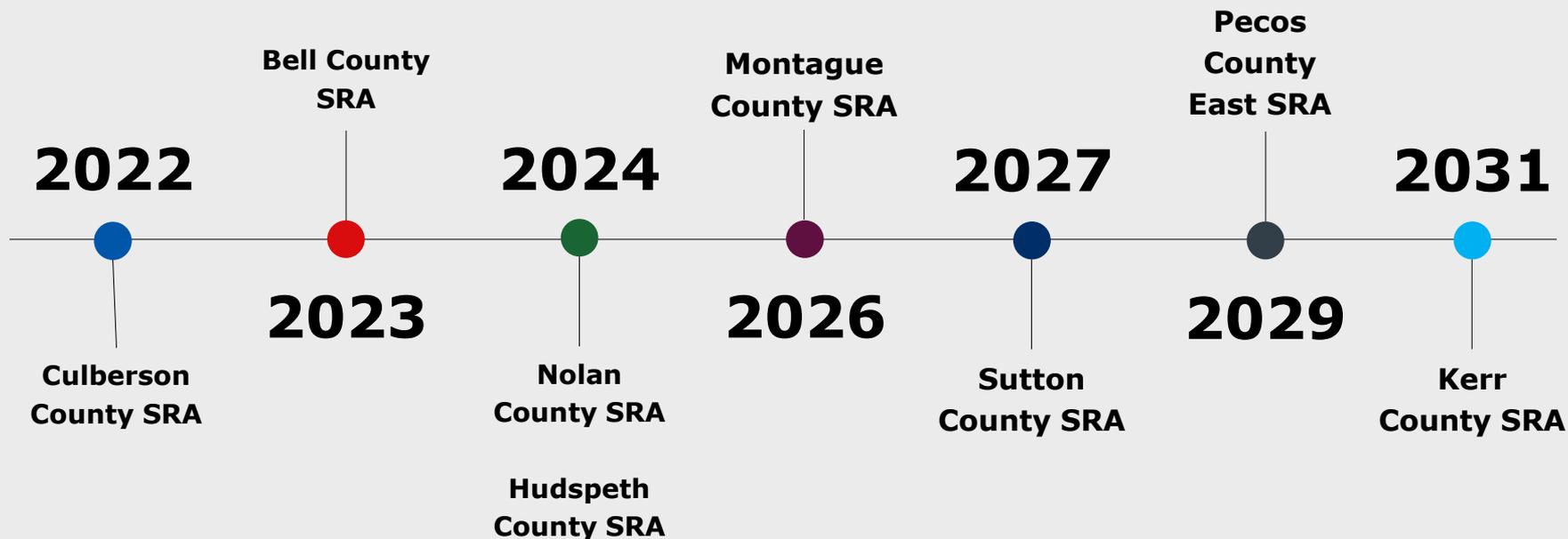
Kerr
1977



Wise
1970

Sutton
1979

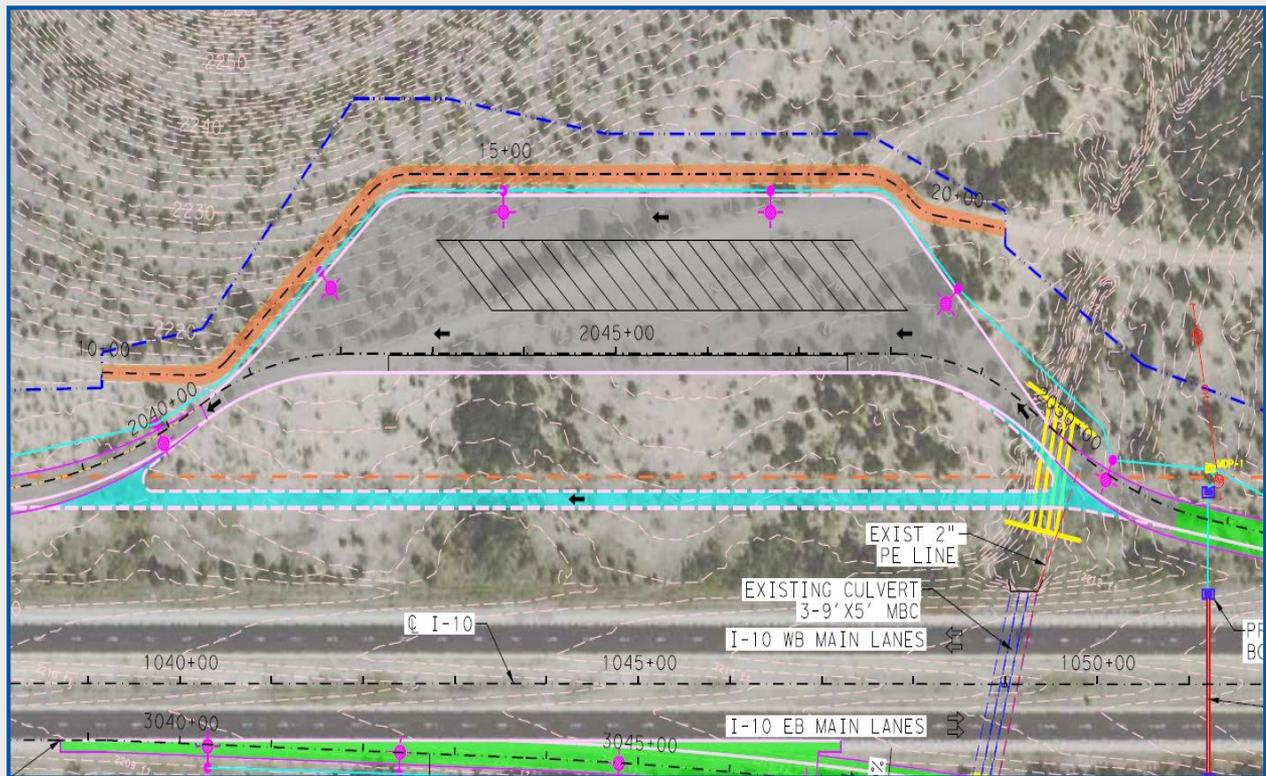
Initial 10-Year Implementation Plan



Evolved 10-Year Implementation Plan

- 2020 Statewide Truck Parking Study
- 4-Year District Pavement Plans
- Identifying all available funding sources and allocating systematically
- Continuing evolution
- This new implementation plan estimates adding approximately 2,400 parking spaces.
- Project types include Safety Rest Areas, Truck Parking Only, & Truck Parking Expansion

Statewide Truck Parking – Truck Parking Only Solution



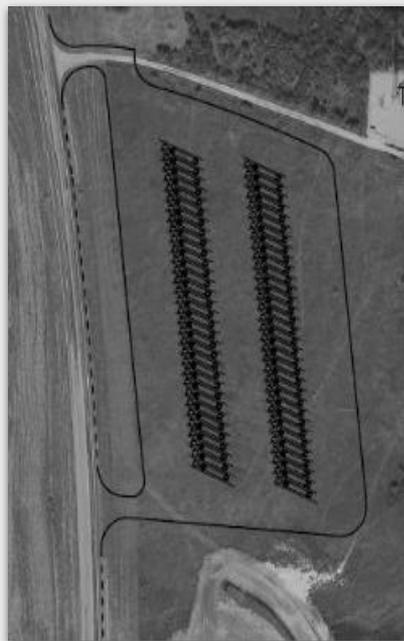
Crockett County

- San Angelo District – IH10
- 20 truck parking spots per direction
- Provide for future SRA

Statewide Truck Parking – Truck Parking Only Solution



IH 30 & FM 499 – Hopkins County



US 69 – Hunt County



IH 30 & US 67 – Hopkins County

Truck Parking Analysis

Current Available Truck Parking Spaces – 1,409



Expected Available Truck Parking Spaces – 3,892



Questions?

Brent Johnson, P.E.

TxDOT MNT Division

Roadside Facilities Section Director

Brent.Johnson@txdot.gov

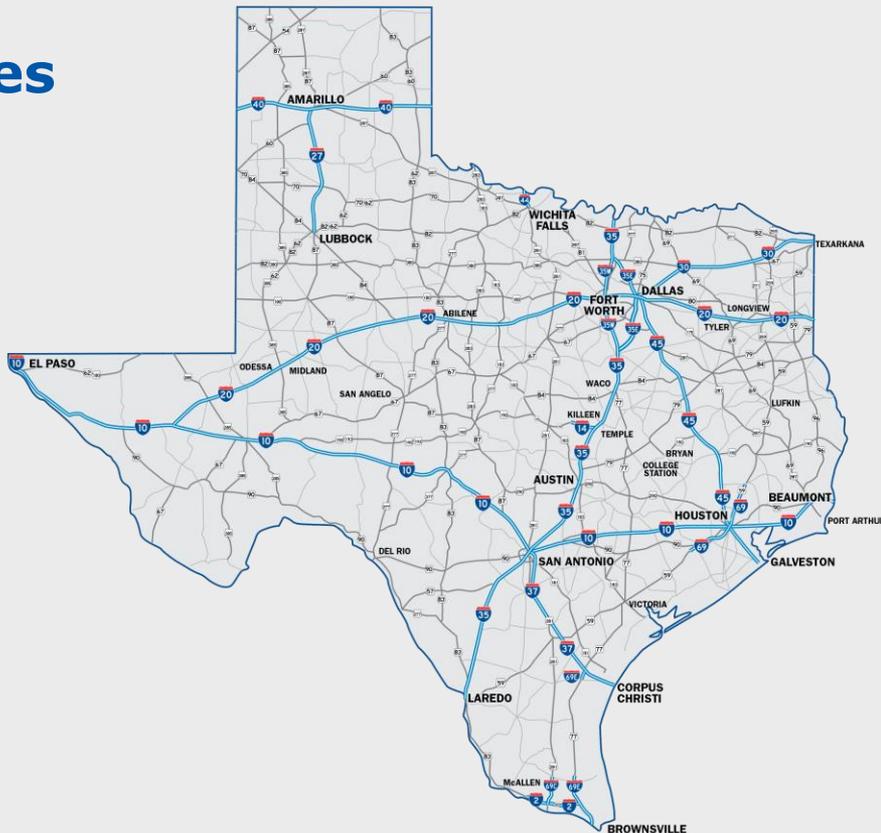
Phone: (512) 751-0072



Member Updates



Individual Member Updates



Future Meetings and Final Remarks





Adjourn

Contact info

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DRAFT