



TEX-21

**Transportation EXcellence
for the 21st Century**



***Better Mobility
Through
Better Policy***

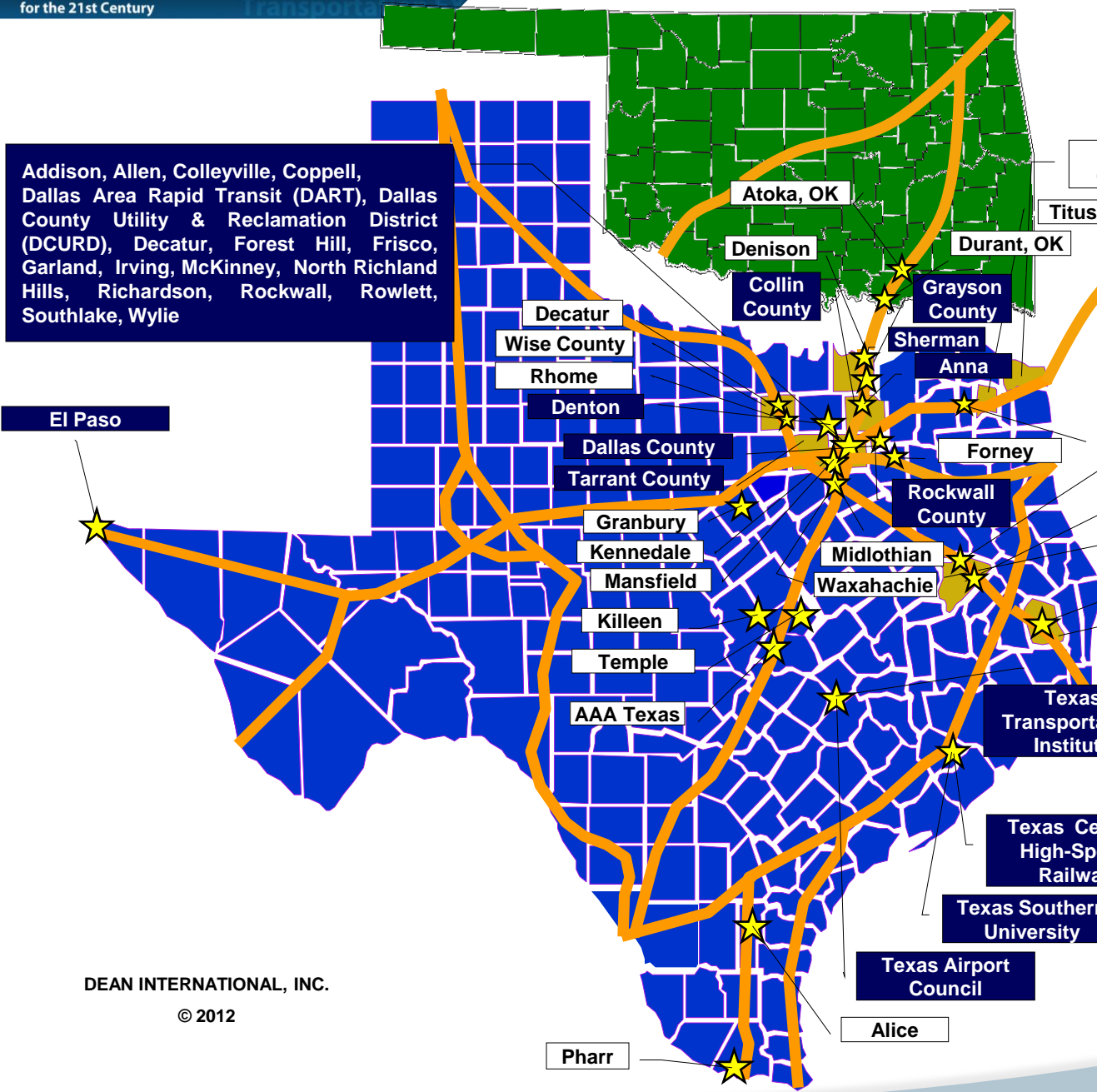
TEX-21 History

- During the 2nd Annual Transportation and Infrastructure Summit in Irving, Texas, elected officials and transportation authorities united together to form a grass roots coalition with the purpose of developing a cohesive vision for the future of transportation
- TEX-21 has grown to include numerous member cities, counties, transit and port authorities, international trade corridors, universities and other industry leaders, encompassing approximately 60% of Texas' 25,145,561 population and with new members in Arkansas and Oklahoma, a growing portion of that state as well.

Members & Partners

Addison, Allen, Colleyville, Coppell, Dallas Area Rapid Transit (DART), Dallas County Utility & Reclamation District (DCURD), Decatur, Forest Hill, Frisco, Garland, Irving, McKinney, North Richland Hills, Richardson, Rockwall, Rowlett, Southlake, Wylie

El Paso



Bowie County

North Little Rock, AR

Titus County

Durant, OK

Southwest Arkansas
 Planning &
 Development District

Mt. Vernon

Grapeland

Crockett

Houston County

Woodville

Tyler County

- Associate Members**
- AAA Texas
 - BOSC, Inc.
 - Harrison, Walker & Harper, L.P.
 - Paris EDC
- Resource Agencies**
- Ark-Tex Council of Governments
 - El Paso MPO
 - Hidalgo County MPO
 - South West Arkansas Planning & Development District
 - TexAmericas
 - Texas Southern University
 - Texas Transportation Institute

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Members of TEX-21:

Partnering Together for Transportation Excellence

- Addison
- Alice
- Allen
- Anna
- Atoka, OK
- Bryant, AR
- Colleyville
- Coppell
- Crockett
- Decatur
- Denison
- Denton
- Durant, OK
- El Paso
- Euless
- Forest Hill
- Forney
- Garland
- Granbury
- Grapeland
- Greenville
- Irving
- Kennedale
- Killeen
- Mansfield
- Midlothian
- McKinney
- Mt. Pleasant
- Mt. Vernon
- N. Richland Hills
- N. Little Rock, AR
- Port of Brownsville
- Pharr
- Redwater
- Rhome
- Richardson

- Rockwall
- Rowlett
- Sherman
- Southlake
- Stephenville
- Sulphur Springs
- Temple
- Texarkana
- Waxahachie
- Woodville
- Wylie
- Collin County
- Bowie County
- Dallas County
- Grayson County
- Hopkins County
- Hunt County
- Rockwall County
- Tarrant County
- Titus County
- Tyler County
- Wise County
- Ark-Tex Council of Governments
- Paris EDC
- AAA Texas
- BOSCO, Inc.
- Harrison, Walker & Harper, L.P.
- El Paso MPO
- Hidalgo County MPO
- TexAmericas
- Texas Airports Council
- Texas Southern University
- Texas Transportation Institute

TEX-21 Caucuses

- **Congressional Caucus in Washington, DC:** TEX-21 has continually maintained 100% Congressional participation and will seek to maintain this with the three new members of the Texas delegation. In addition to the member's participation, the staff members that handle transportation issues for each of these Caucus members have united to form a TEX-21 Congressional Caucus Staff Workgroup. Workshops were recently held for the staff members of the Congressional Caucus with presentations on transit and passenger rail and their impact on Texas. Other meetings provided presentations on seaports, freight rail, and the TEX-21 Legislative program for the 112th Congress.
- **Legislative Caucus:** Our TEX-21 Legislative Caucus currently includes 91 members (21 Senators and 70 Representatives). Workshops for the staff members of the Caucus are conducted quarterly. Meetings have focused on all modes of transportation at both the State and Federal levels and the TEX-21 Legislative targets.
- **Arkansas:** Working with key leaders in the Arkansas General Assembly and members of the Arkansas Congressional Delegation, TEX-21 welcomes state and federal elected officials from Arkansas into its enthusiastically engaged Congressional and Legislative Caucuses. Forging relationships at the local, state, and federal levels through facilitating results-driven dialogue among stakeholders, TEX-21 seeks to continue its significant and positive impact on transportation policy in Little Rock and Washington."

TEX-21 Congressional Caucus 113th Congress

Senatorial Co-Chairs



John Cornyn
US Senate TX

Congressional Co-Chairs



Michael D. Burgess
TX District 26



John Culberson
TX District 7



Eddie Bernice Johnson
TX District 30



Randy Neugebauer
TX District 19



Pete Sessions
TX District 32

TEX-21 Congressional Caucus 113th Congress

Congressional Members



Joe Barton
TX District 6



Kevin Brady
TX District 8



John R. Carter
TX District 31



Mike Conaway
TX District 11



Henry Cuellar
TX District 28



Lloyd Doggett
TX District 35



Blake Farenthold
TX District 27



Bill Flores
TX District 17



Louie Gohmert
TX District 1



Kay Granger
TX District 12



Al Green
TX District 9



Gene Green
TX District 29

TEX-21 Congressional Caucus 113th Congress

Congressional Members



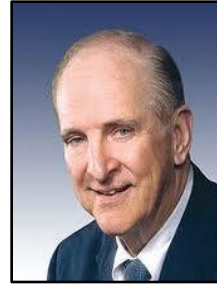
Ralph M. Hall
TX District 4



Jeb Hensarling
TX District 5



Ruben Hinojosa
TX District 15



Sam Johnson
TX District 3



Sheila Jackson Lee
TX District 18



Kenny Marchant
TX District 24



Michael McCaul
TX District 10



Pete Olson
TX District 22



Ted Poe
TX District 2



Lamar Smith
TX District 21



Steve Stockman
TX District 36



Mac Thornberry
TX District 13



Marc Veasey
TX District 33



Randy Weber
TX District 14



Roger Williams
TX District 25



Filemon Vela
TX District 34

TEX-21 Legislative Caucus

State Senators



Senator
John Carona
TX District 16



Senator
Wendy Davis
TX District 10



Senator
Robert Deuell
TX District 2



Senator
Rodney Ellis
TX District 13



Senator
Craig Estes
TX District 30



Senator
Kelly Hancock
TX District 9



Senator
Glen Hegar
TX District 18



Senator
Eddie Lucio, Jr
TX District 27



Senator
Jane Nelson
TX District 12



Senator
Dan Patrick
TX District 21



Senator
Ken Paxton
TX District 8



Senator
Bill Sample
AR District 14



Senator
Kel Seliger
TX District 31



Senator
Larry Teague
AR District 20



Senator
Larry Taylor
TX District 11



Senator
Carlos Uresti
TX District 19



Senator
Leticia Van De Putte
TX District 26



Senator
Kirk Watson
TX District 14



Senator
Royce West
TX District 23



Senator
John Whitmire
TX District 15



Senator
Tommy Williams
TX District 4



Senator
Judith Zaffirini
TX District 21

TEX-21 Legislative Caucus

State Representatives



Representative
 Alma Allen
 TX District 131



Representative
 Roberto Alonzo
 TX District 104



Representative
 Carol Alvarado
 TX District 145



Representative
 Trent Ashby
 TX District 57



Representative
 Jimmie Don Aycock
 TX District 54



Representative
 Cecil Bell
 TX District 3



Representative
 Dwayne Bohac
 TX District 138



Representative
 Dennis Bonnen
 TX District 25



Representative
 Dan Branch
 TX District 108



Representative
 Cindy Burkett
 TX District 101



Representative
 Angie Chen Button
 TX District 112



Representative
 William Callegari
 TX District 132



Representative
 Garnet Coleman
 TX District 147



Representative
 Bryon Cook
 TX District 8



Representative
 Myra Crowover
 TX District 64



Representative
 John Davis
 TX District 129



Representative
 Yvonne Davis
 TX District 111e

TEX-21 Legislative Caucus

State Representatives



Representative
 Joseph Deshotel
 TX District 22



Representative
 Gary Elkins
 TX District 135



Representative
 Joe Farias
 TX District 118



Representative
 Jessica Farrar
 TX District 148



Representative
 Allen Fletcher
 TX District 130



Representative
 Dan Flynn
 TX District 2



Representative
 Charlie Geren
 TX District 99



Representative
 Helen Giddings
 TX District 109



Representative
 Mary Gonzales
 TX District 75



Representative
 R.D. "Bobby" Guerra
 TX District 41



Representative
 Ryan Guillen
 TX District 31



Representative
 Patricia Harless
 TX District 126



Representative
 Linda Harper-Brown
 TX District 105



Representative
 Harvey Hilderbran
 TX District 53



Representative
 Bryan Hughes
 TX District 5



Representative
 Jim Keffer
 TX District 60



Representative
 Phil King
 TX District 61



Representative
 Lois Kolkhorst
 TX District 13

TEX-21 Legislative Caucus

State Representatives



Representative
 Matt Krause
 TX District 93



Representative
 Jodie Laubenberg
 TX District 89



Representative
 George Lavender
 TX District 1



Representative
 Armando Martinez
 TX District 39



Representative
 Ruth Jones McClendon
 TX District 120



Representative
 Jose Menendez
 TX District 124



Representative
 Rick Miller
 TX District 26



Representative
 Geanie Morrison
 TX District 30



Representative
 Rob Orr
 TX District 58



Representative
 John Otto
 TX District 18



Representative
 Diane Patrick
 TX District 94



Representative
 Larry Phillips
 TX District 62



Representative
 Joe Pickett
 TX District 79



Representative
 Jim Pitts
 TX District 10



Representative
 John Raney
 TX District 14



Representative
 Bennett Ratliff
 TX District 115



Representative
 Richard Raymond
 TX District 42

TEX-21 Legislative Caucus

State Representatives



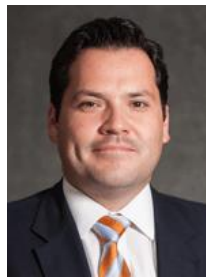
Representative
Debbie Riddle
TX District 150



Representative
Dustin Roberts
OK District 21



Representative
Eddie Rodriguez
TX District 51



Representative
Justin Rodriguez
TX District 125



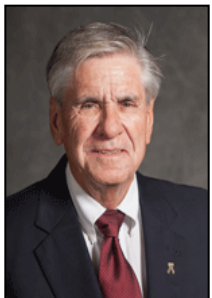
Representative
Toni Rose
TX District 110



Representative
Ralph Sheffield
TX District 55



Representative
Wayne Smith
TX District 128



Representative
Phil Stephenson
TX District 85



Representative
Van Taylor
TX District 66



Representative
Senfronia Thompson
TX District 141



Representative
Ed Thompson
TX District 29



Representative
Steve Toth
TX District 15



Representative
Jason Villalba
TX District 114



Representative
Armando Walle
TX District 140



Representative
James White
TX District 19



Representative
Bill Zedler
TX District 96

TEX-21 Legislative Caucus

State Representatives



Representative
Jonathan Barnett
AR District 87



Representative
Bruce Cozart
AR District 28



Representative
Charlotte Douglas
AR District 75



Representative
Dan Douglas
AR District 91



Representative
Prissy Hickerson
AR District 1



Representative
Walls McCrary
AR District 15



Representative
Fredrick Love
AR District 29



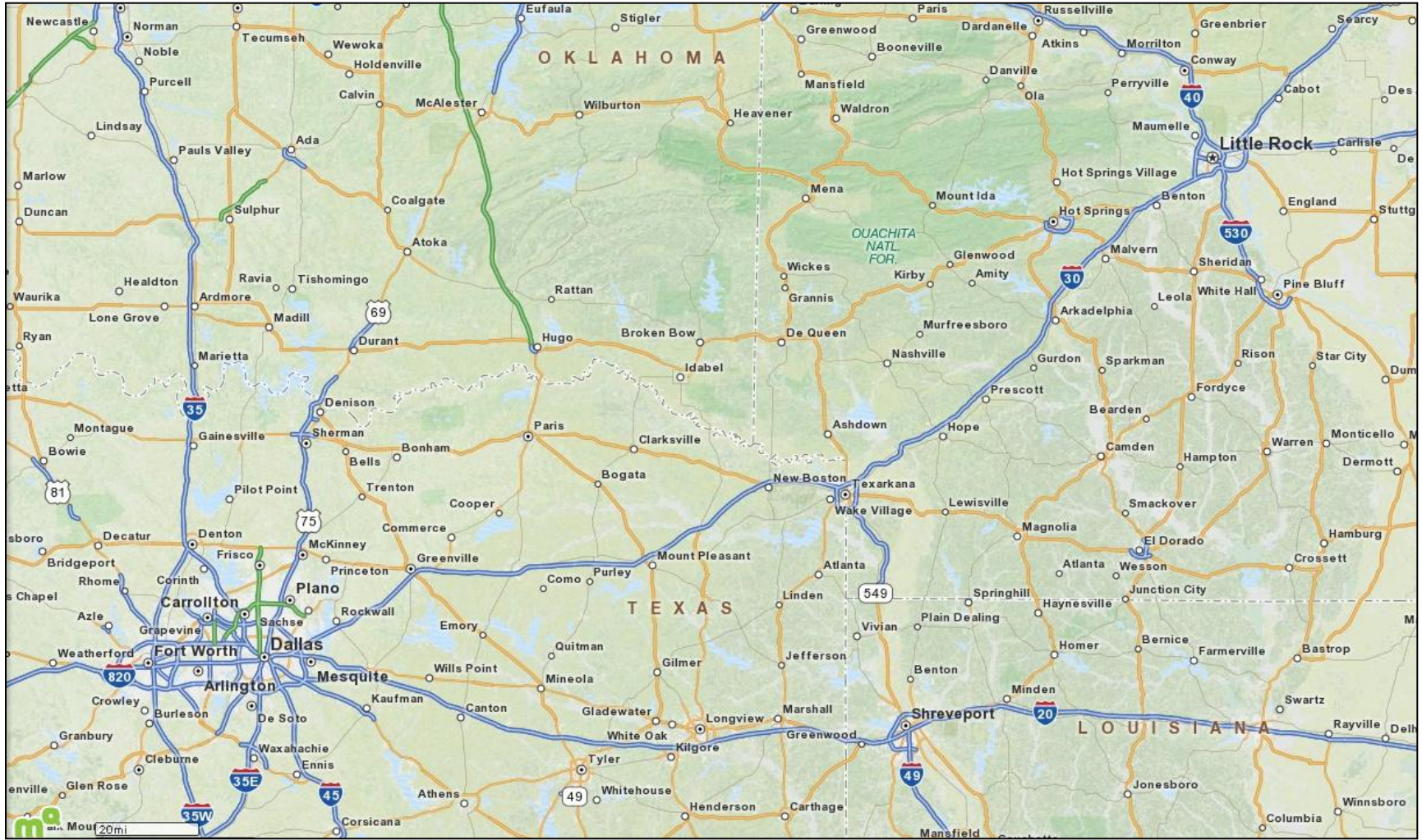
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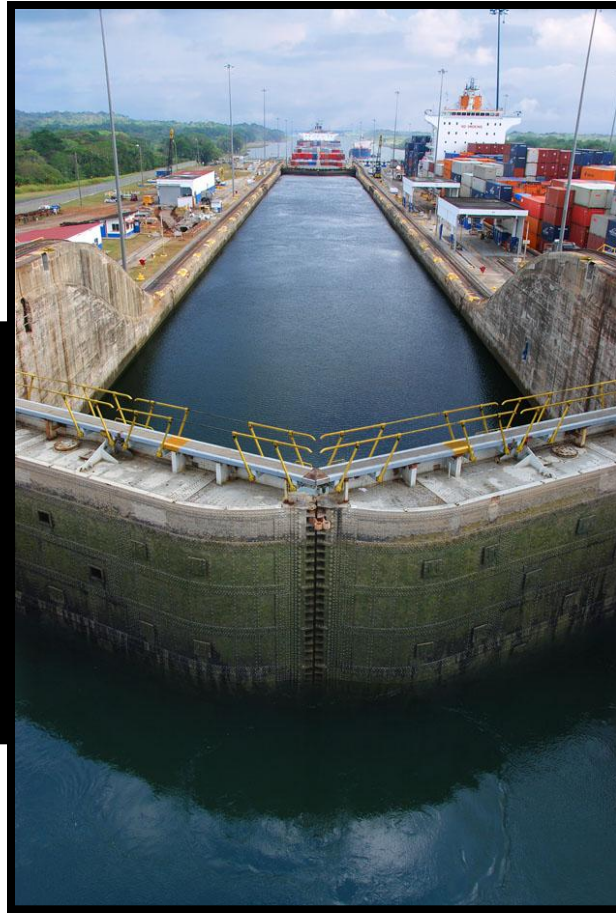


**Corridor
Task Force**

I-30 Corridor



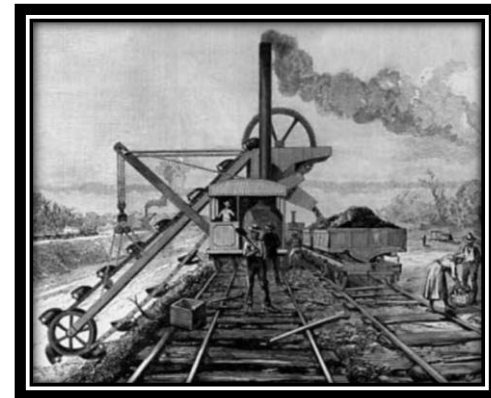
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History of the Panama Canal

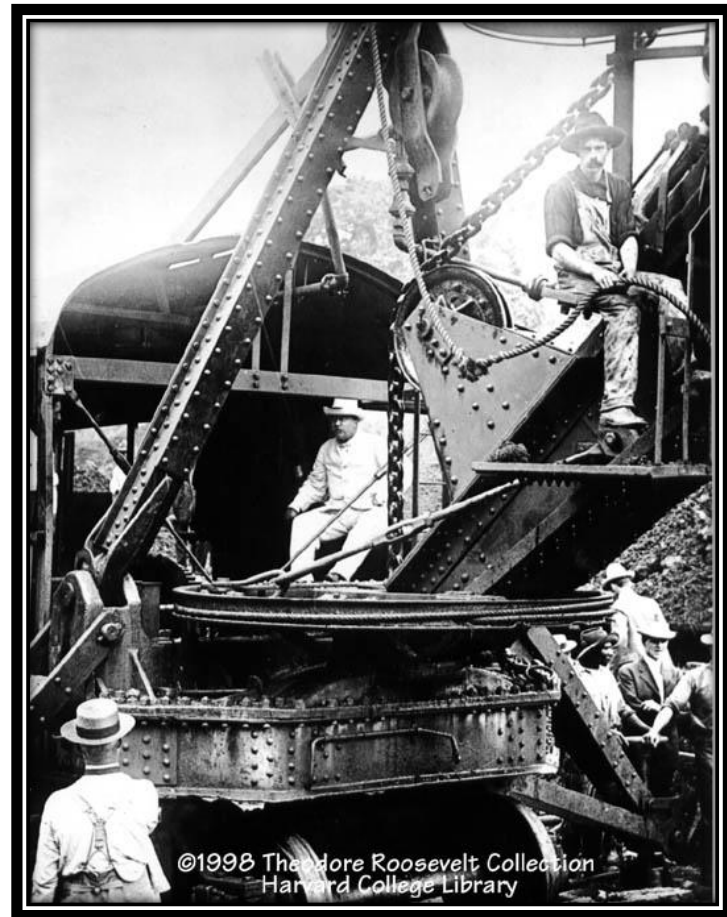
French Construction 1882-1890

- Ferdinand de Lesseps (right) was chief engineer for the Suez Canal and the construction of the Panama Canal
- Over 22,000 deaths
- Went bankrupt spending USD \$287,000,000
- Approx. 78,146,960 cubic yards excavated



U.S. Construction 1904-1914

- In 1904, President Roosevelt bought French equipment and excavations for USD \$40,000,000
- Construction started May 4, 1904
- Original Canal Cost \$375,000,000 (roughly \$8.6 billion today)
- Over 5,600 deaths
- The Canal opened August 15, 1914 with cargo ship *SS Ancon*



Panama Control

1977



- On September 7, 1977, a treaty was signed by President Carter and, leader of Panama, Omar Torrijos, mobilizing the process of giving Panama free control of the canal as long as there is permanent neutrality.

- This treaty led to full control of the canal to Panama at noon on December 31, 1999

Panama Expansion: 2007-2014

- Around 35-40 vessels a day
- Lowest paid toll to date: \$0.36 by Richard Halliburton, swam the canal in 1928
- Approx. 75% of the world's cargo ships are too large to utilize the current canal

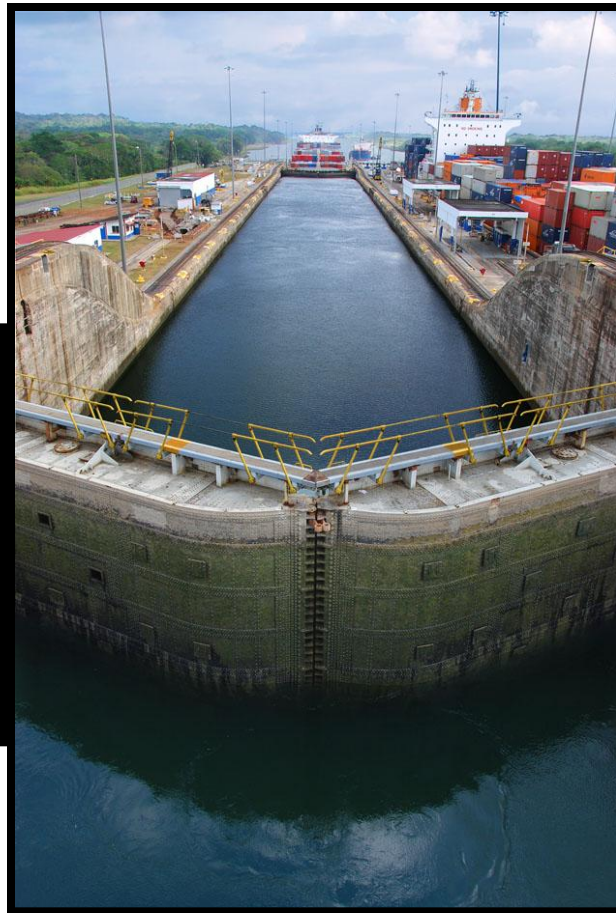


Panama Expansion: 2007-2014

- October 22, 2006: Panama Citizens voted on the expansion which was estimated to cost \$5.25 billion
- On Sept. 3, 2007, there was a ground breaking ceremony at Paraiso Hill using 30,000 lbs. of explosives.
- The expansion is set to be completed by Aug. 15, 2014 at the 100th anniversary of the canal.



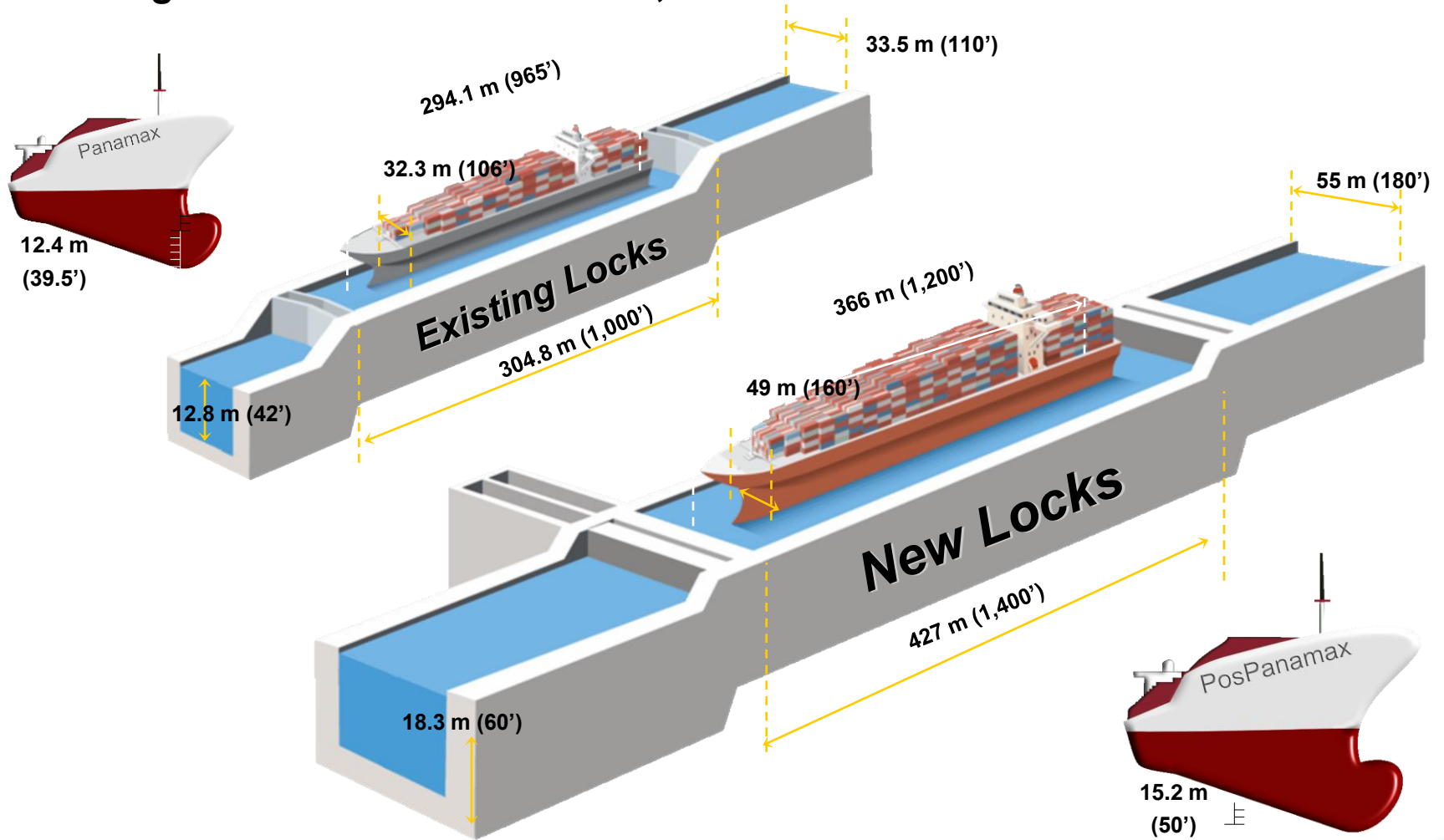
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Panama Canal Update

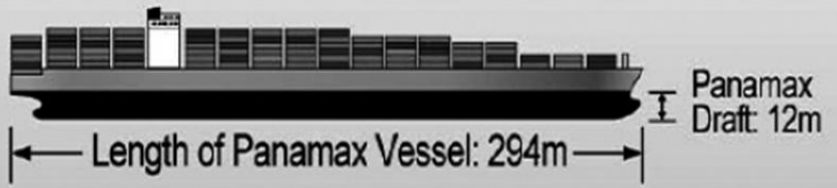
Panama Expansion

Existing Locks Max Vessel size: 4,400 TEU's



New Locks Max Vessel size: 13,000 to 14,000 TEUs

Comparison between Panamax and Post-Panamax Container Vessels



| | Panamax | Post-Panamax |
|--------------------|-------------|---------------|
| Capacity: | | |
| Containers(TEUs) | 4,500 | 12,000 |
| Dimensions: | | |
| Beam | 32m (106') | 49m (160') |
| Length | 294m (965') | 366m (1,200') |
| Draft | 12m (39.5') | 15m (50') |

Panama Expansion



**MSC
Beatrice**

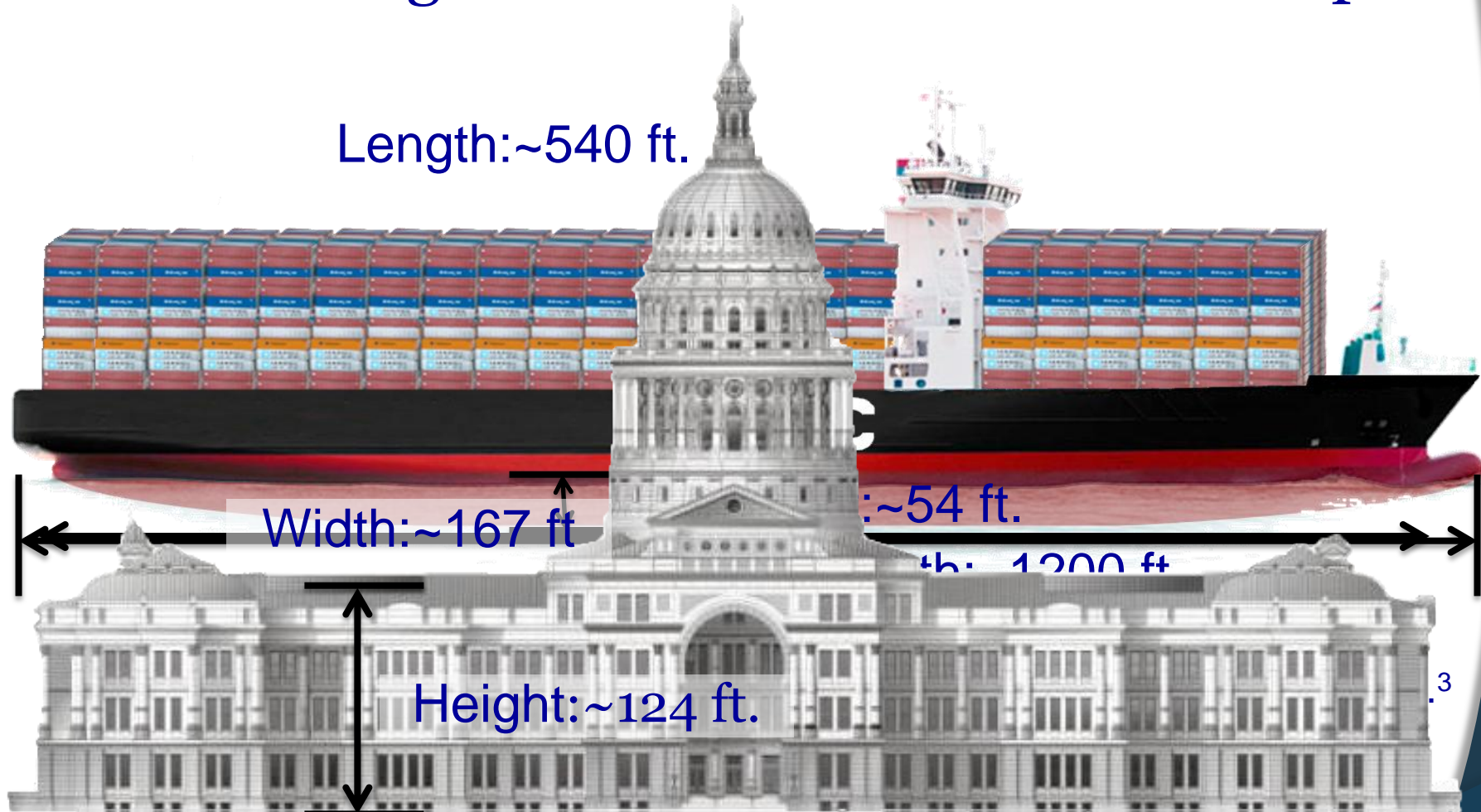
**A
Super Post-
Panamax
13,500 TEU
Vessel,
1,200 ft. long
167 ft. wide**

© C. Costa - www.oceanships.de

Panama Canal Expansion

Ultra-Large Post-Panamax Container Ship

Length: ~540 ft.



Width: ~167 ft

~54 ft.

th. 1200 ft

Height: ~124 ft.

unit trains to unload

.3



CANADA

UNITED STATES OF AMERICA

Atlantic
Ocean

MEXICO

THE BAHAMAS

DOMINICAN
REPUBLIC

HAITI

PUERTO RICO

JAMAICA

Caribbean
Sea

TRINIDAD

VENEZUELA

PANAMA

COLOMBIA

< Shipping Lanes To And From Asia >





CANADA

UNITED STATES OF AMERICA

MEXICO

THE BAHAMAS

HAITI

DOMINICAN REPUBLIC

JAMAICA

PUERTO RICO

TRINIDAD

PANAMA

VENEZUELA

COLOMBIA

Atlantic Ocean

Pacific Ocean

Gulf of Mexico

Caribbean Sea

< Shipping Lanes To And From Asia >

Are Our Ports Ready?



| Port | Classification | Port Owner/ Facilities | Connecting Railroads |
|-------------------------------|--------------------------------------|---|---|
| Beaumont | 40 ft | Port of Beaumont Navigation District | KCS, UP, BNSF |
| Brownsville | 44 ft | Brownsville Navigation District | Brownsville & Rio Grande International switching with UP, BNSF, KCS |
| Corpus Christi | 45 ft, authorized to 52 ft | Port of Corpus Christi Authority | KCS, UP, BNSF |
| Freeport | 45 ft | Brazos River Harbor Navigation District | UP |
| Galveston | 40 ft, current deepening to 45 ft | Port of Galveston | UP, BNSF |
| Houston | 45 ft | Port of Houston Authority | UP, BNSF, KCS (via trackage rights) |
| Orange | 30 ft | Orange County Navigation Port District | UP, BNSF |
| Port Arthur | 40 ft | Port of Port Arthur Navigation District | KCS, UP, BNSF (via trackage rights and switching) |
| Port Lavaca- Point Comfort | 36 ft | Calhoun County Navigation District | Port Lavaca via UP, Point Comfort via Point Comfort & Northern |
| Texas City | 40 ft | UP, BNSF | UP, BNSF |
| Victoria | 12 ft | Victoria Navigation District | UP |

Join TEX-21 in their 5th Mission to Panama for the 100th Anniversary

- Join TEX-21 as they organize a 5th Mission to Panama, August 13-17, 2014
- Travel with Local, State, and Federal officials and explore the Panama Canal Expansion first hand.
- For more information please contact the Dean International, Inc. Public Policy Consultants
 - Russell Schaffner at rschaffner@dean.net or 214.750.0123
 - Matt Brasseaux at mbrasseaux@dean.net or 214.750.0123





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***Better Mobility
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TEX-21 Third Coast Initiative

◎ **Mission:**

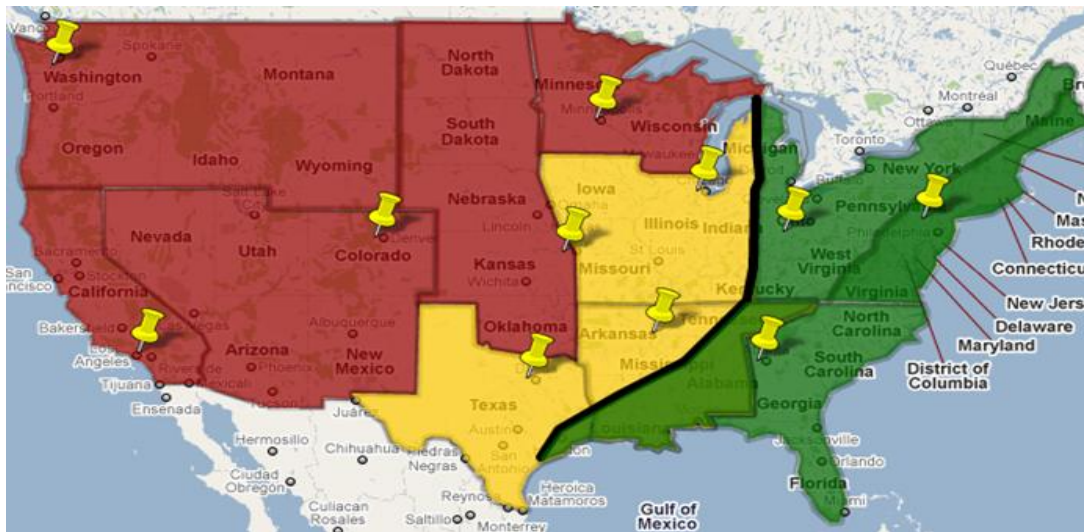
- To further strengthen and diversify the regional economy (Arkansas, Oklahoma, and Texas) through job creation, innovation, and investment with improvements to the regions transportation infrastructure readying it to take advantage of the Expansion of the Panama Canal

◎ **Vision:**

- For the Gulf Coast to become the “Third Coast” of the United States, the importing and exporting hub for the central part of the Nation, from east of the Rockies to Chicago

◎ **Goals and Objectives:**

- Create and implement a world class multimodal transportation system involving maritime, rail, and highway infrastructure, connecting the Texas seaports with inland ports in North Texas and Arkansas.
- Retain, expand, and recruit businesses to the region through an enhanced and efficient transportation system and effective economic incentives
- Make the Gulf ports competitive on the world economy by making them ready to handle Post-Panamax vessels
- Create and implement funding mechanisms to encourage growth and development for the multimodal transportation system linking seaports and inland ports



Cost Based on:
 4000 TEU Vessel
 Canal Tolls proposal January 2011

This chart represents the current model of cost effectiveness to ship goods. The colors reflect the effectiveness to ships goods through the Panama Canal rather than from the West Coast.

Cost Based on:
 8000 TEU Vessel
 Canal Tolls proposal January 2011

According to one model, Chicago comes into play as well as Houston and the Dallas/Fort Worth Metroplex.





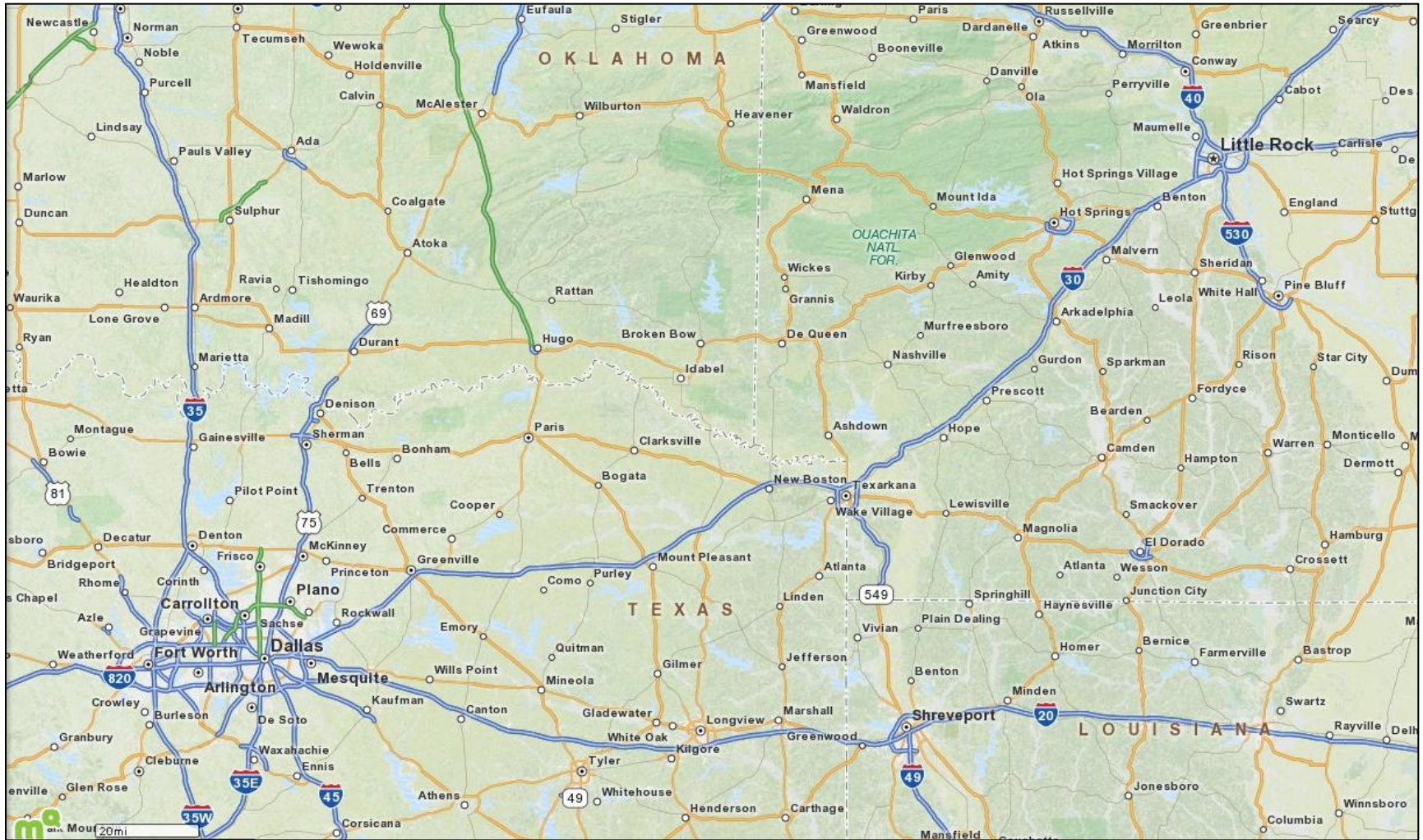
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I-30 Corridor



Average Daily Long-Haul Freight Truck Traffic on the National Highway System: 2007



Note: Long-haul freight trucks typically serve locations at least 50 miles apart, excluding trucks that are used in movements by multiple modes and mail.
 Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.4, 2012.

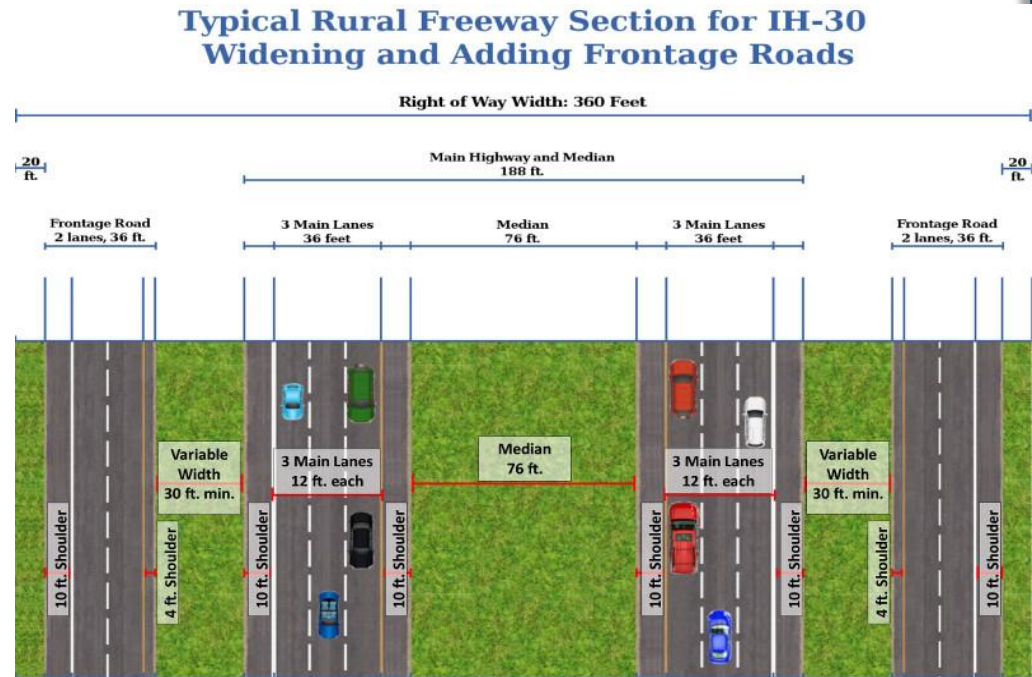
Average Daily Long-Haul Freight Truck Traffic on the National Highway System: 2040



Note: Long-haul freight trucks typically serve locations at least 50 miles apart, excluding trucks that are used in movements by multiple modes and mail.
 Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.4, 2012.

IH-30 Corridor Standards

- 6 Lane Divided
- Continuous Frontage Roads
- Additional General Purpose Lanes
- Increase Lighting
- Increase Signage
- Enhance Access
- Maintenance Programs





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Wright Amendment



SOURCE: Southwest Airlines
Michael Hogue/Staff Artist

VISION *for* HIGH-SPEED RAIL *in* AMERICA





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