



# PERMIAN ROAD SAFETY COALITION SAFETY FORUM

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# Texas Transportation Commission



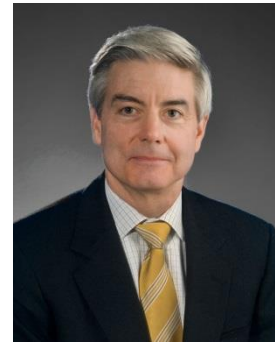
J. Bruce Bugg, Jr.  
Chairman  
(San Antonio)



Jeff Austin  
Commissioner  
(Tyler)



Tryon Lewis  
Commissioner  
(Odessa)



Victor Vandergriff  
Commissioner  
(Arlington)



Laura Ryan  
Commissioner  
(Houston)

## Duties:

- Provide policy direction for the state highway system and statewide transportation plan.
- Award contracts and approve grants for the state transportation system.
- Approve the statewide Unified Transportation Program (UTP).
- Adopt rules concerning transportation matters for the Texas Administrative Code.



## **Eagle Ford Shale Region**

Location: Victoria

Date: June 7, 2016

## **Permian Basin Region**

Location: Midland

Date: June 8, 2016

## **Haynesville-Bossier Shale Region**

Location: Carthage

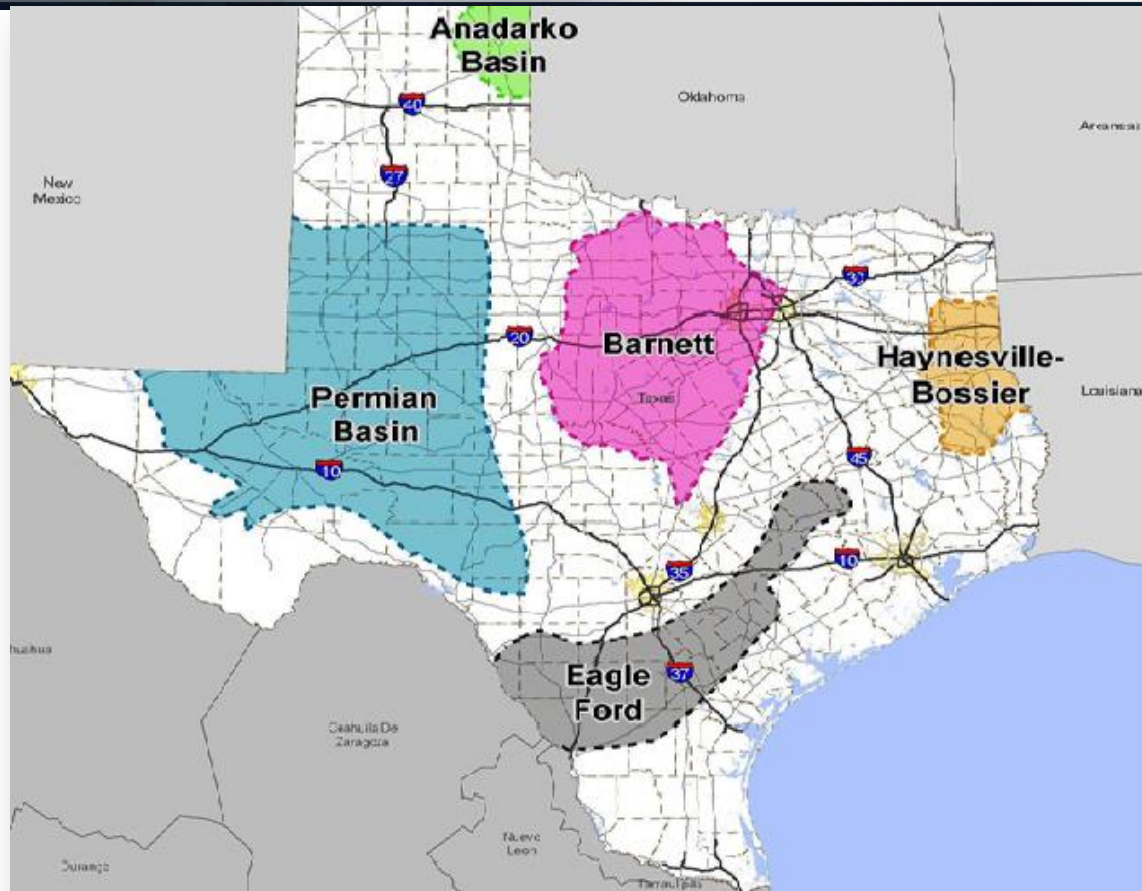
Date: July 21, 2016

## **Anadarko Basin Region**

Location: Canadian

Date: October 18, 2016

# Energy Sector Plays



# Corridor Improvement Program

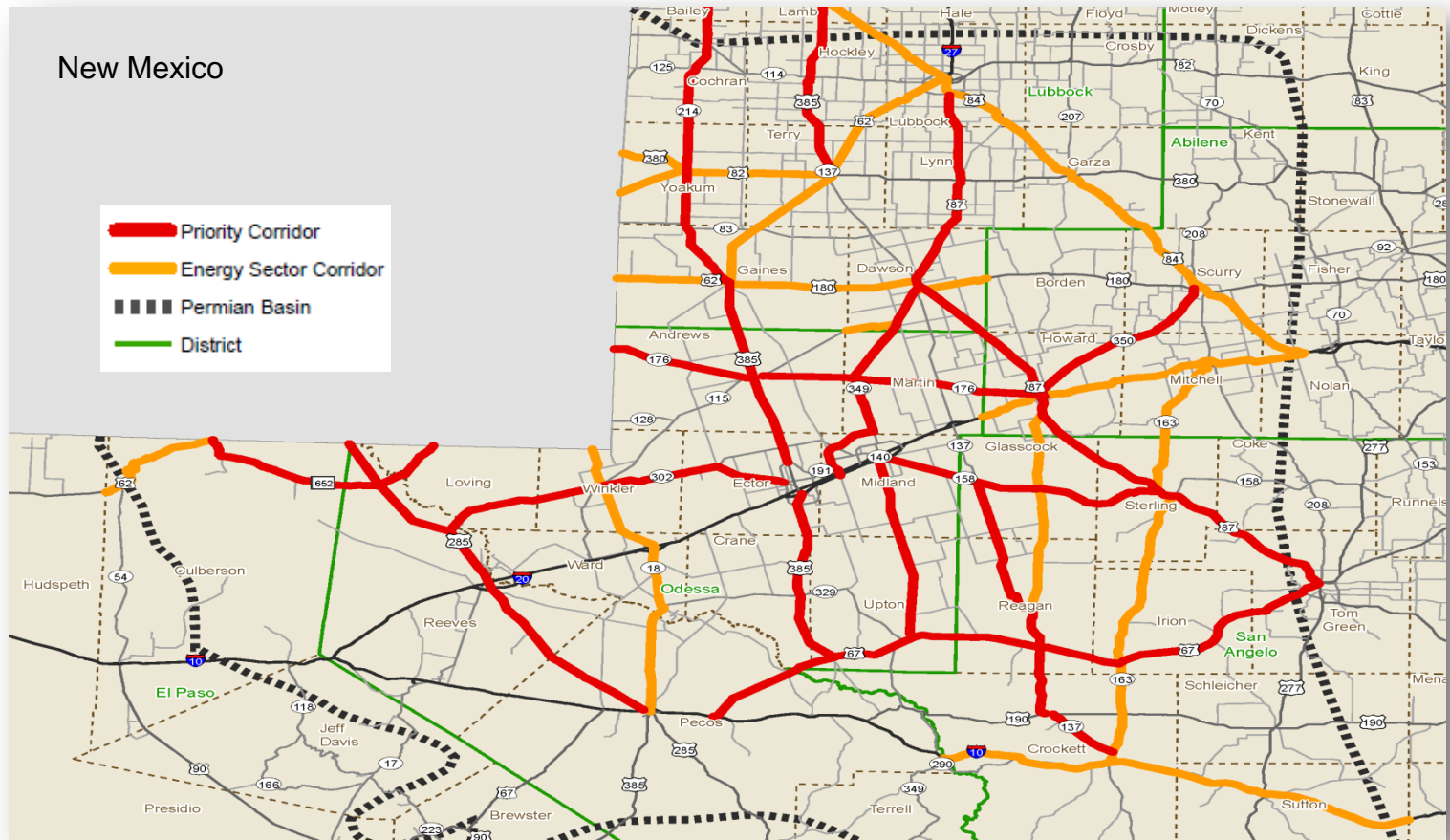
- Proactive program to address corridor needs in concert with energy sector needs
- Reinforcing pavements by:
  - Strengthening pavement structures.
  - Adding shoulders to protect pavement edges.
  - Adding turn lanes at key intersections.
  - Constructing passing lanes on Super 2 corridors.
  - Strengthening pavements reduces overall repair and maintenance costs by approximately 700%.
- Efforts focused on primary corridors used by industry to connect active energy areas with energy service providers.



# Permian Basin Energy Sector Corridors

New Mexico

-  Priority Corridor
-  Energy Sector Corridor
-  Permian Basin
-  District



# Priority 1 Corridor Funding Needs

Energy Play	Priority 1 Corridor Estimate
Permian Basin	\$676M
Eagle Ford Shale	\$569M
Barnett Shale	\$271M
Anadarko Basin	\$ 97M
Haynesville-Bossier	\$179M
<b>Total</b>	<b>\$1.8 billion</b>

Note: Priority 2 Energy Sector corridor needs total an additional \$1.25 billion.

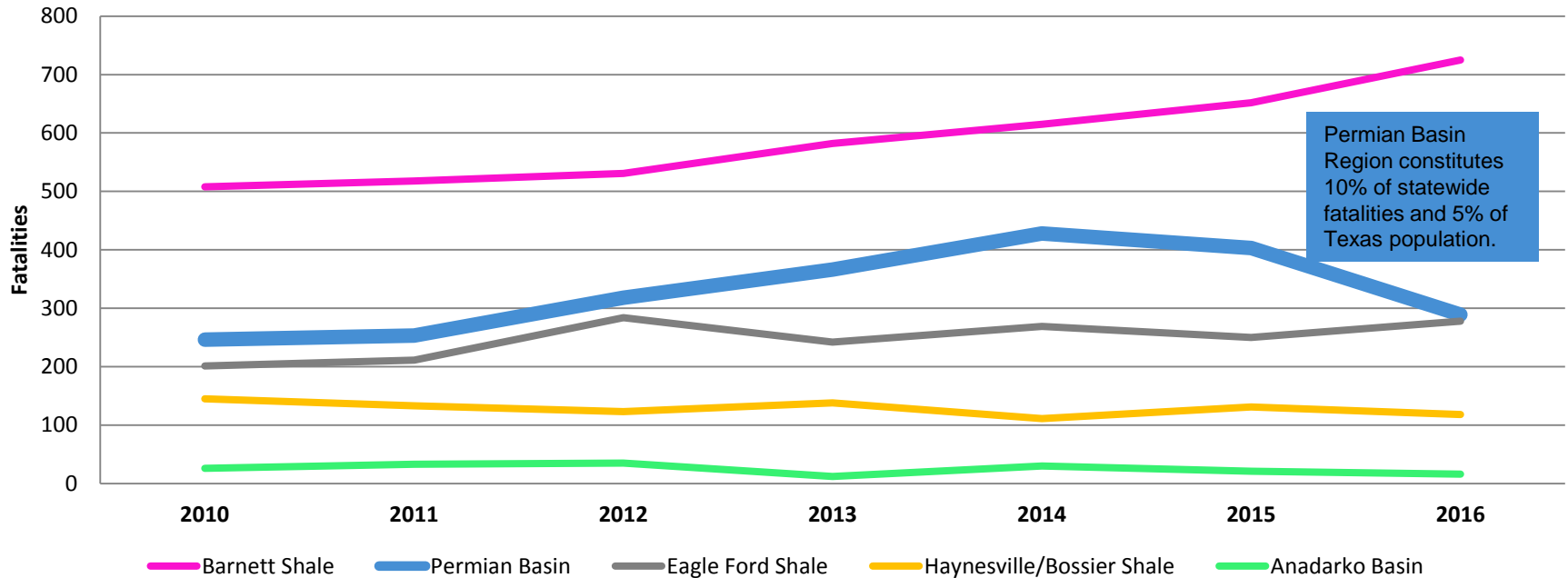
# Priority 1 Corridor Improvements

Energy Sector Corridor Improvements	
Miles of pavement strengthening /reinforcement	1,125
Miles of shoulders added	50
Miles of passing lanes added (Super 2)	521
Miles of lanes added or widened for safety	20
<b>Total miles to improve</b>	<b>1,716</b>



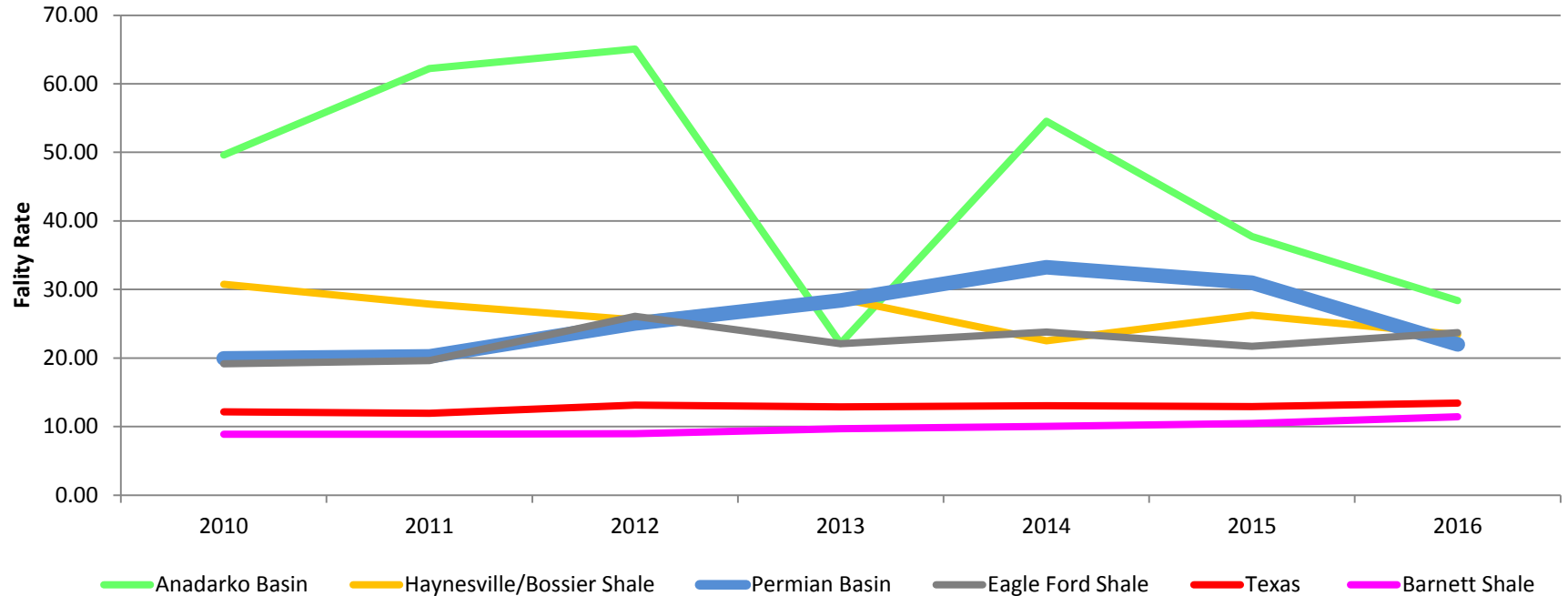
# Safety statistics in Energy Sector areas (2010 – 2016)

## Reportable Motor Vehicle Traffic Fatalities in Energy Sector Regions 2010 - 2016



# Safety statistics in Energy Sector areas (2010 – 2016)

## Reportable Motor Vehicle Traffic Fatality Rates per 100,000 Population 2010 - 2016



## BE SAFE. DRIVE SMART.



### Give Trucks Space.

Trucks need more space to stop or turn. Whether you're in front, beside, or behind a truck, leave plenty of room.



### Pass Carefully.

Only pass if it's legal and safe. Don't take unnecessary risks. On two-lane roads, never pass when the solid yellow line is on your side of the lane.



### Drive Now. Text Later.

One in five crashes in Texas involves driver distraction. Give driving your full attention.



### Drive to Conditions.

Unsafe speed is the leading cause of crashes on Texas highways. Adjust your speed to allow for heavy traffic, bad weather, and construction.

<http://www.roadstextexasenergy.com>

## Projects

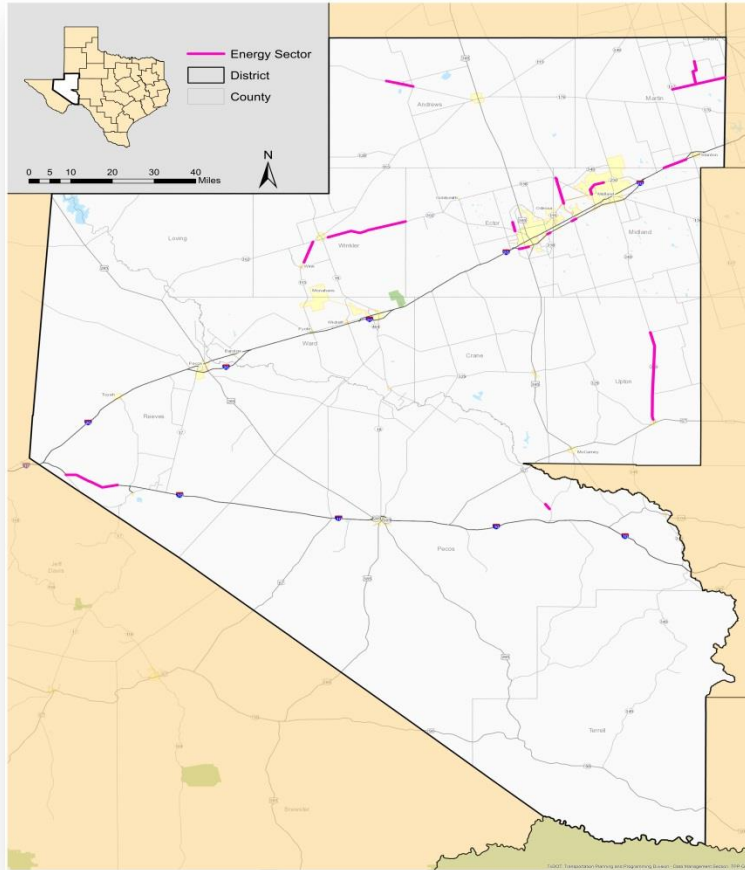
- More than half of the Permian Basin is in the Odessa District.
- Project selection based on:
  - Improving Safety.
  - System Reliability.

## Other Initiatives

- Financial Partnering with Industry.
- Safety Partnering with Industry.



# FY 2015 Odessa District Energy Sector Projects



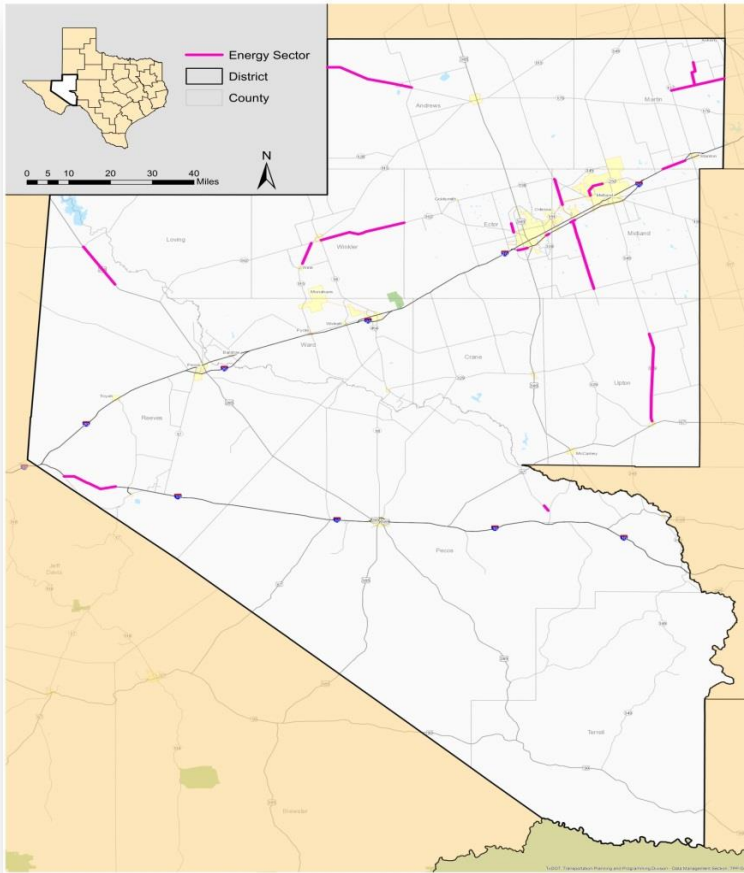
## FY 2015

- 16 Projects
- 111 Miles of Road
- \$146 Million

## Total

- 16 Projects
- 111 Miles of Road
- \$146 Million

# FY 2015-2016 Odessa District Energy Sector Projects



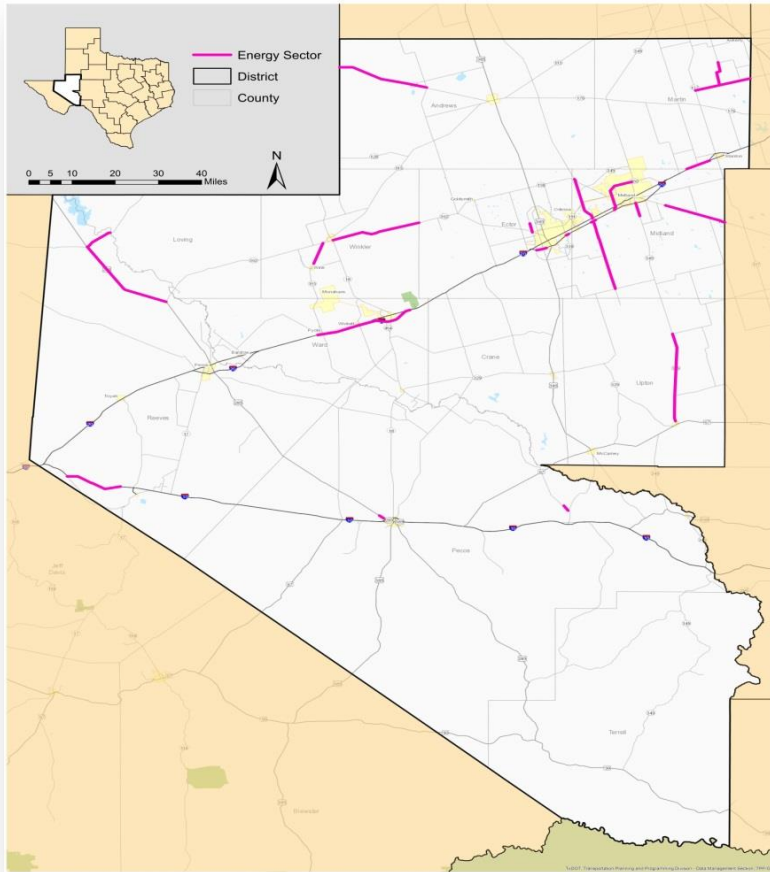
## FY 2016

- 4 Projects
- 56 Miles of Road
- \$42 Million

## Total

- 20 Projects
- 167 Miles of Road
- \$188 Million

# FY 2015-2017 Odessa District Energy Sector Projects



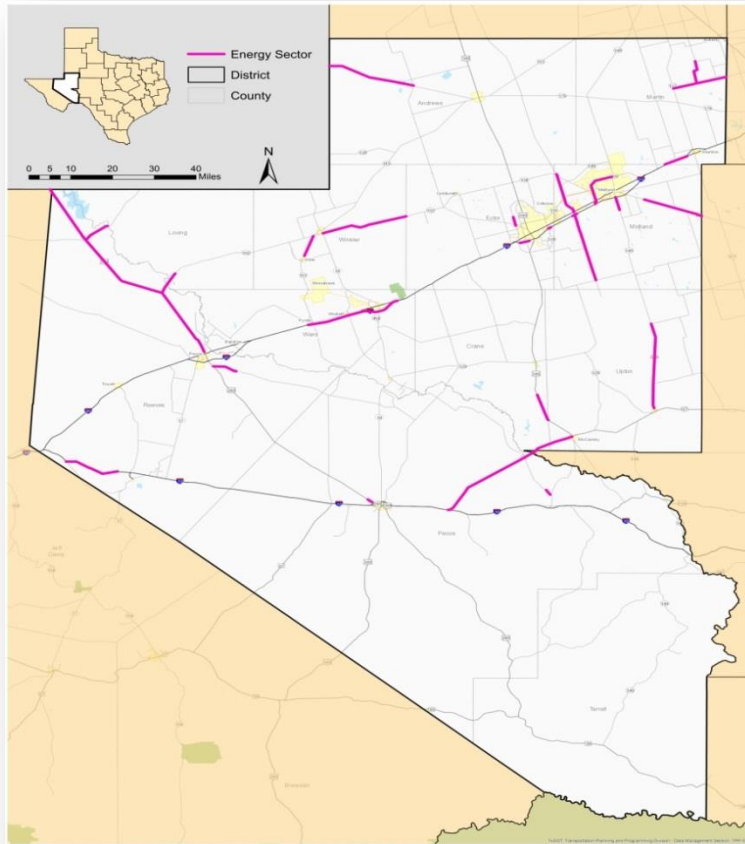
## FY 2017

- 9 Projects
- 59 Miles of Road
- \$70 Million

## Total

- 29 Projects
- 227 Miles of Road
- \$258 Million

# FY 2015-2018 Odessa District Energy Sector Projects



## FY 2018

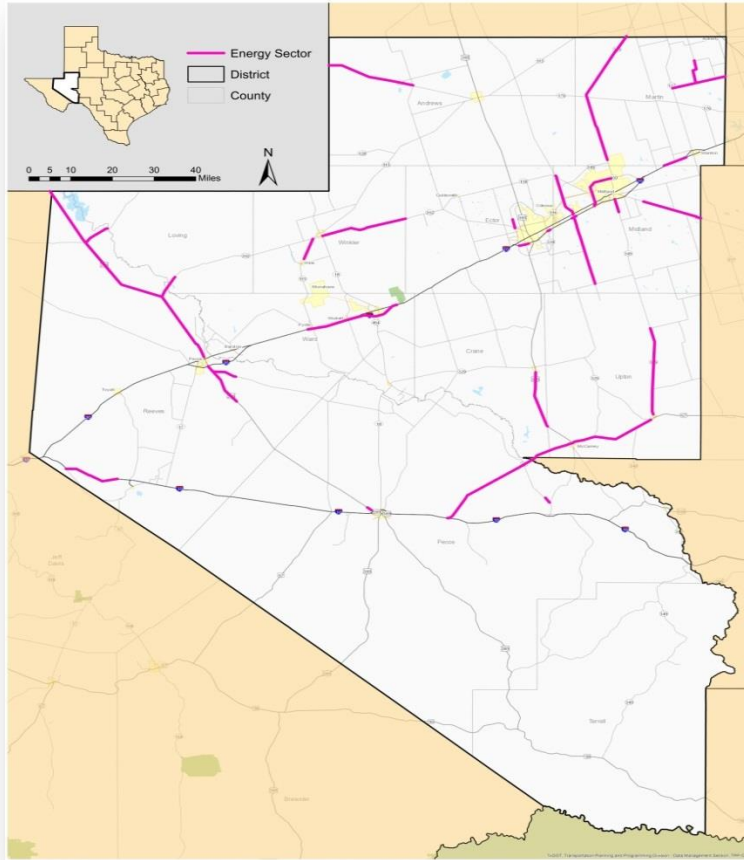
- 6 Projects
- 83 Miles of Road
- \$151 Million

## Total

- 35 Projects
- 310 Miles of Road
- \$409 Million



# FY 2015-2019 Odessa District Energy Sector Projects



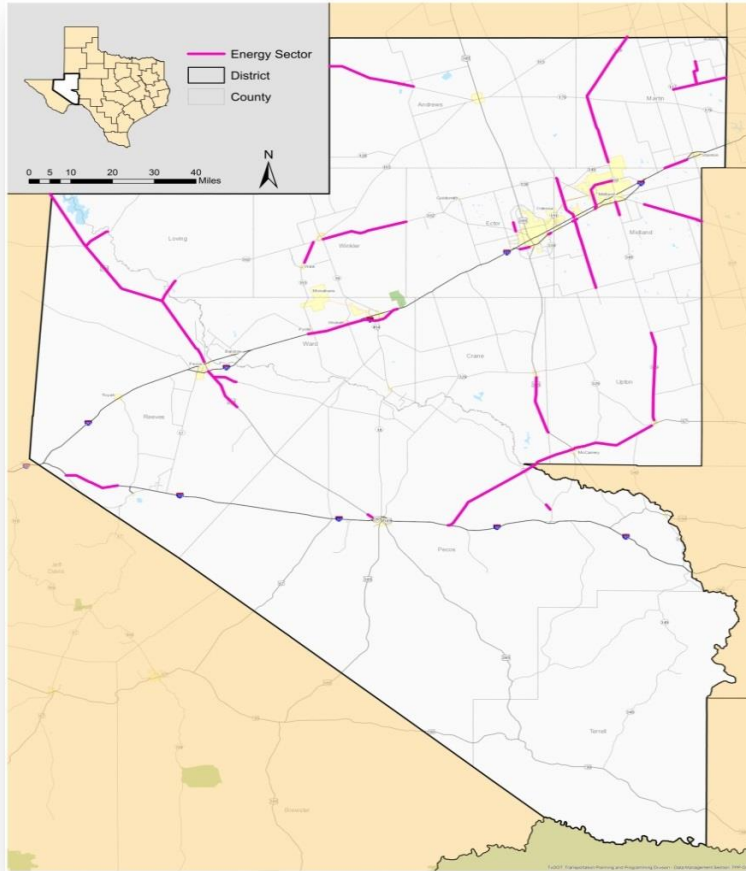
## FY 2019

- 5 Projects
- 76 Miles of Road
- \$117 Million

## Total

- 40 Projects
- 385 Miles of Road
- \$526 Million

# FY 2015-2020 Odessa District Energy Sector Projects



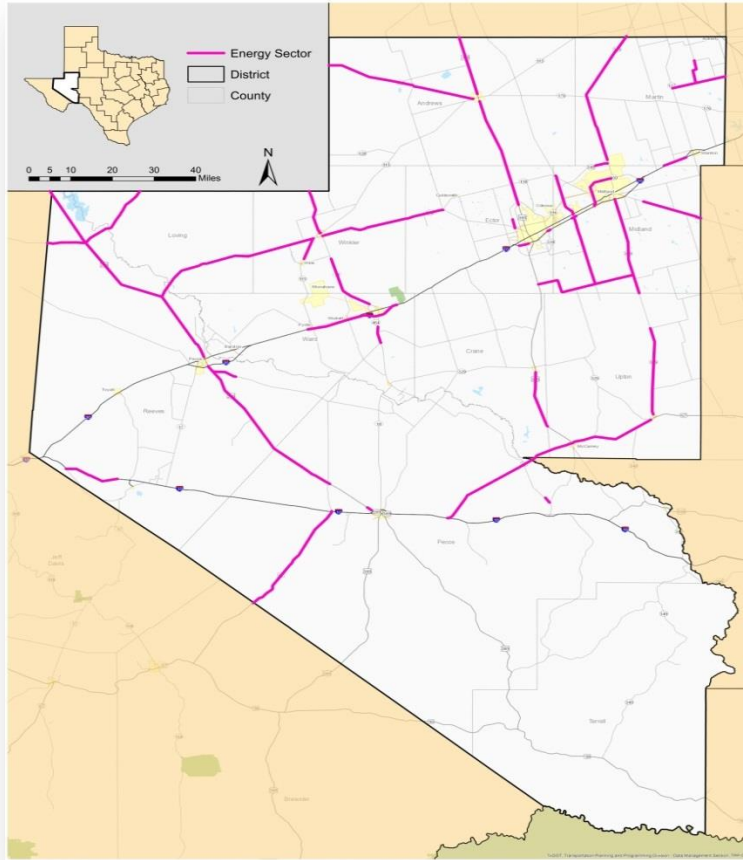
## FY 2020

- 9 Projects
- 81 Miles of Road
- \$133 Million

## Total

- 49 Projects
- 466 Miles of Road
- \$659 Million

# FY 2015-2021+ Odessa District Energy Sector Projects



## FY 2021+

- 15 Projects
- 175 Miles of Road
- \$278 Million

## Total

- 64 Projects
- 641 Miles of Road
- \$936 Million

## Financial Partnering with Industry

- Primarily for Access Improvement
- Helps Align Corporate Risk Profiles
- Accelerates Development



## Safety Partnering with Industry

- Permian Road Safety Coalition
- Individual Corporate Initiatives (e.g., signing, PSAs)



TxDOT and the State of Texas greatly appreciate our partnerships.

Your efforts improve safety and efficiency for all roadway users.

**Thank you!**



Questions?