



TxDOT Odessa Update

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PRSC Road Safety Luncheon



May 7, 2025

TxDOT Odessa District

Counties:

Andrews, Crane, Ector, Loving,
Martin, Midland, Pecos, Reeves,
Terrell, Upton, Ward, and Winkler

Stats:

Population 427,468

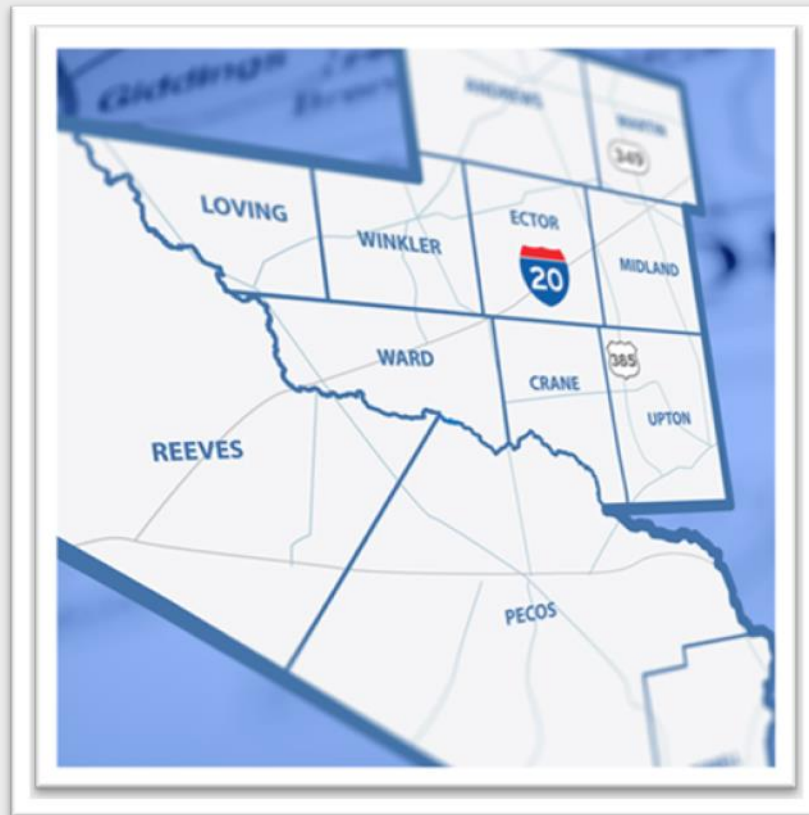
Area (Sq. Miles) 18,343

Lane Miles 8,228

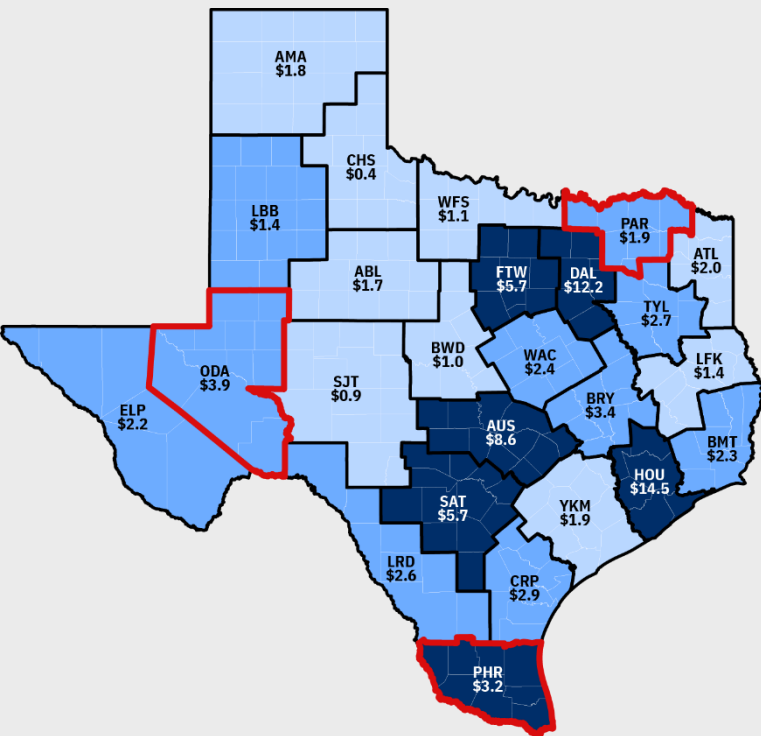
Daily Vehicle Miles 15,619,906

Registered Vehicles 510,156

TxDOT Employees 303



Draft 2025 UTP Funding Distribution by District Type



Legend

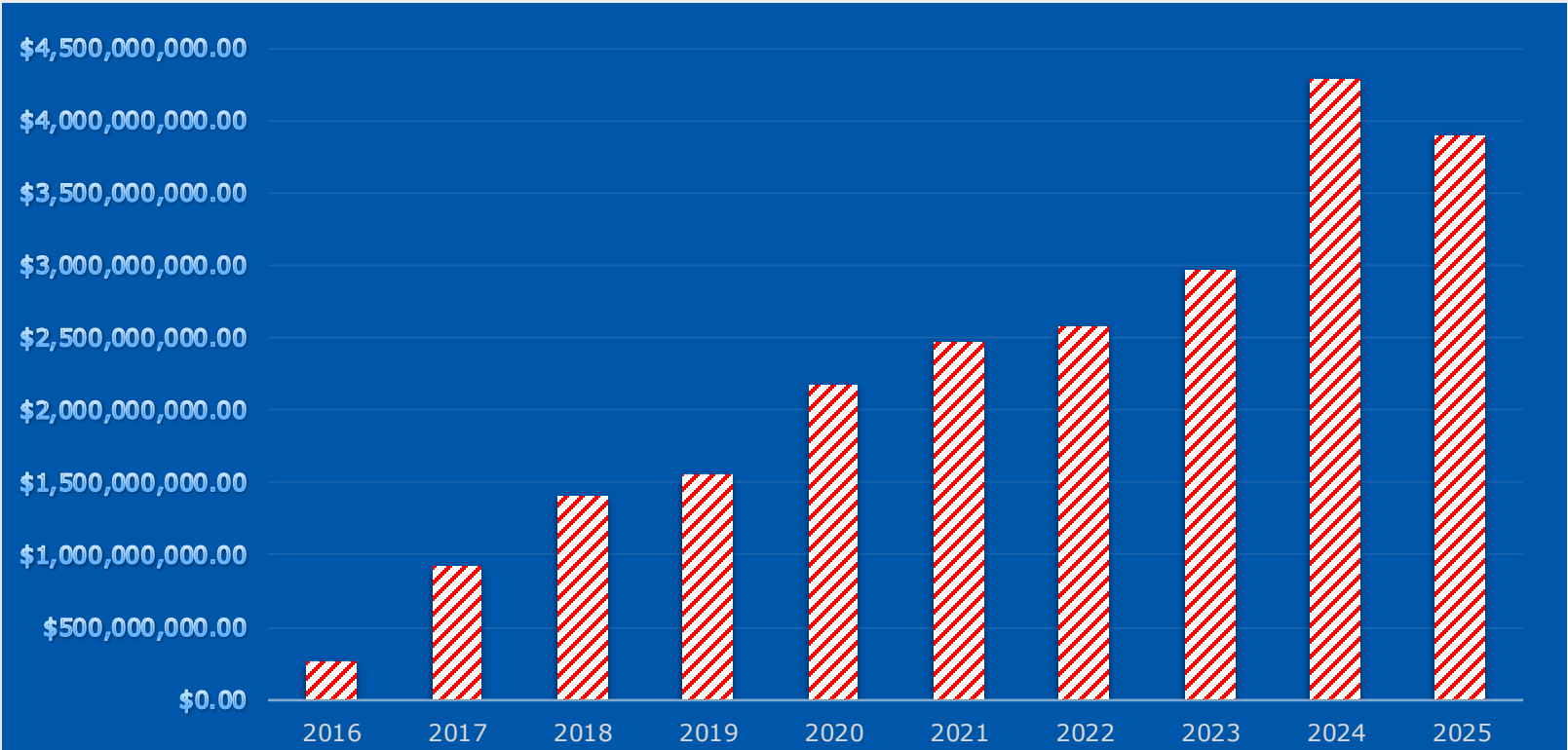
- Metro District
- Urban District
- Rural District
- Proposed District Classification

District Type ^{1,2}	Distribution (\$B)	Distribution (%)	Pop. (M)	Pop. (%)	Area (Sq Miles)	Area (%)
Rural	\$12.2	11.7%	2.2	7.2%	100,591	37.8%
Urban	\$25.7	24.7%	5.9	19.5%	115,198	43.2%
Metro	\$49.9	47.9%	22.2	73.3%	50,702	19.0%
Statewide	\$9.8	9.4%				
Cat. 3	\$6.6	6.3%				
Total	\$104.2	100.0%	30.3	100.0%	266,491	100.0%

¹Rural, Urban and Metro are TxDOT District classifications and do not indicate actual rural vs. urban areas. Most districts combine a mixture of rural and urban areas

²District type based on proposed Texas Administrative Code amendments for TxDOT District classifications

UTP Funding Timeline By Fiscal Year



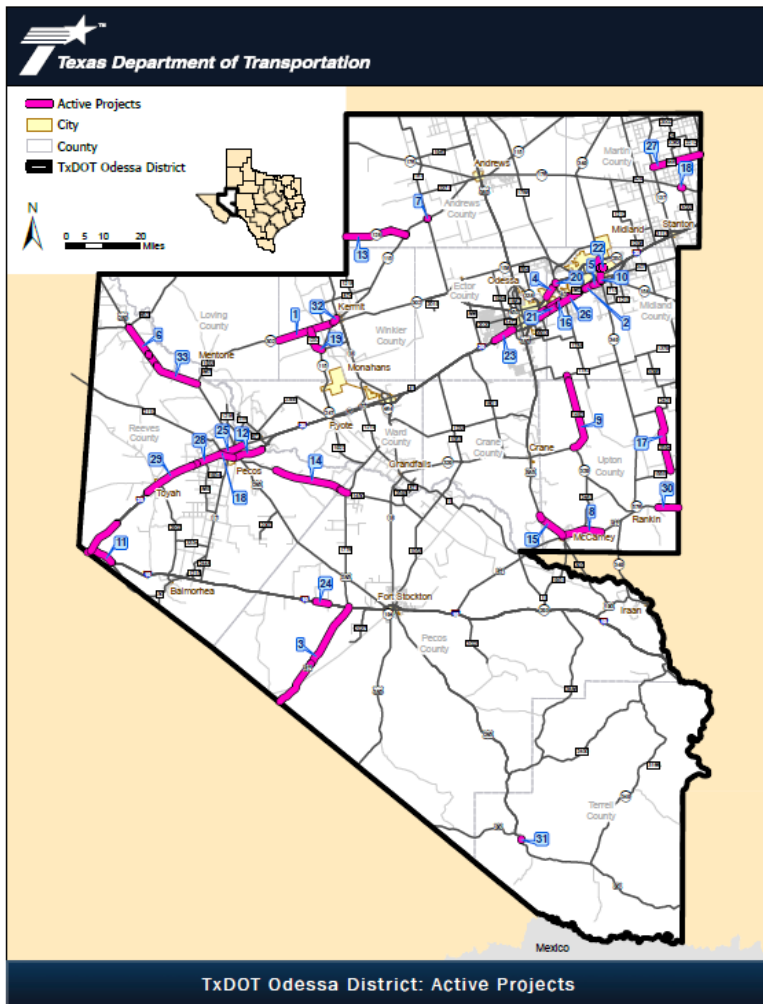
QR Code for 4-Year Odessa District Projects



4-Year Projects
\$1.5 Billion Active – 54 Projects

FY 25 \$193M Letting
FY 26 \$420M Letting
FY 27 \$562M Letting
FY 28 \$437M Letting

Active Projects



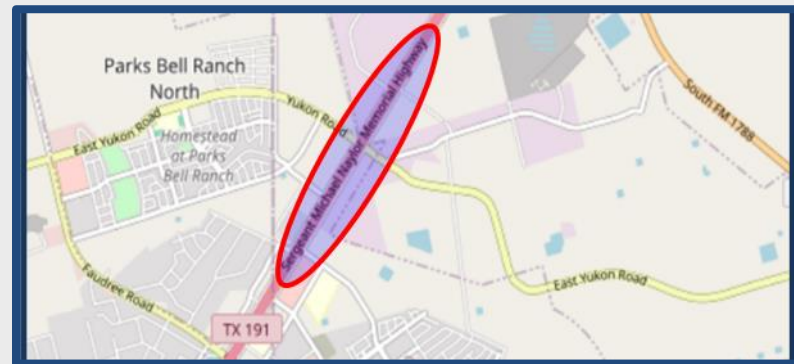
Yukon Overpass

What is TxDOT building?

- ✓ SH 191 overpass at Yukon Rd.
- ✓ Infrastructure for signalized intersection with turnarounds. Signal work to be performed by others at future date.
- ✓ SH 191 westbound ramp reversal near Faudree Rd.

Why is TxDOT building these improvements?

- ✓ Enhance operation and roadway safety.
- ✓ Improve access to the new housing development near Parks Bell Ranch and Midland International Airport.



Construction Value

\$27,535,249.69

Midkiff Bridge

Construction Activities

- Continued concrete work for drainage elements on westbound frontage road.
- Continued electrical work on Midkiff intersection traffic lights.
- Placed traffic striping at Midkiff intersection.
- Began placing foundation for large guide signs and traffic light poles along Midkiff intersection

Phase 1 – 85.00 %

Phase 2 – 95.00 %

Phase 3 – 30.00%

Construction Value

\$36.3 Million



I-20

What is TxDOT building?

Adding additional main lanes

Constructing new I-20 interchanges with
Faudree Road, CR 1300, and CR 1260

Reconfiguring ramps

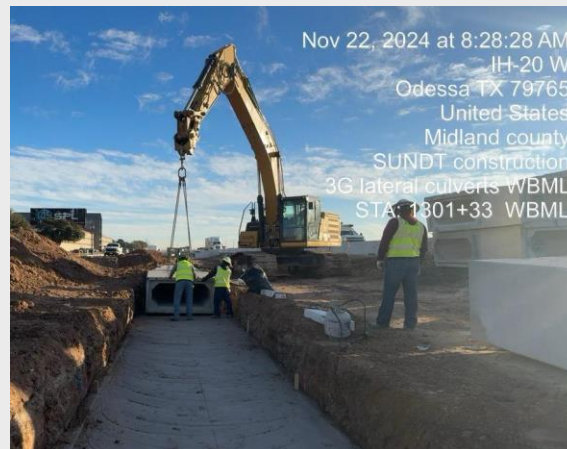
Converting frontage roads from two-way
operation to one-way operation

Why is TxDOT building these improvements?

To enhance operation and safety

To reduce traffic congestion

To improve roadway connectivity along the I-20
corridor

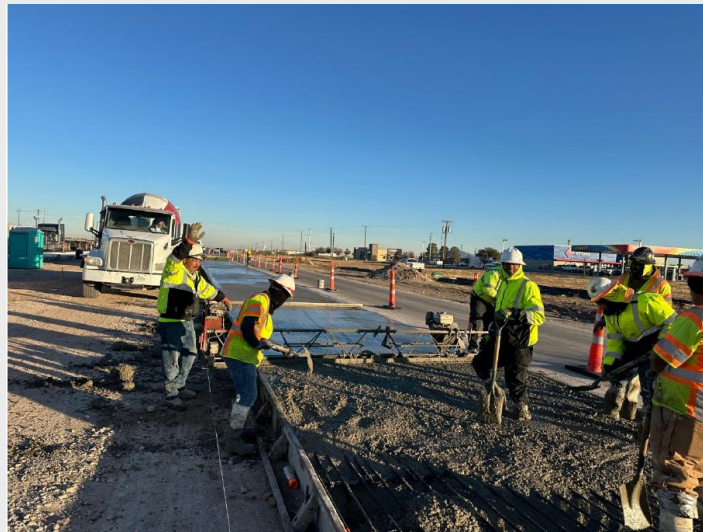


FM 1788 & SH 191

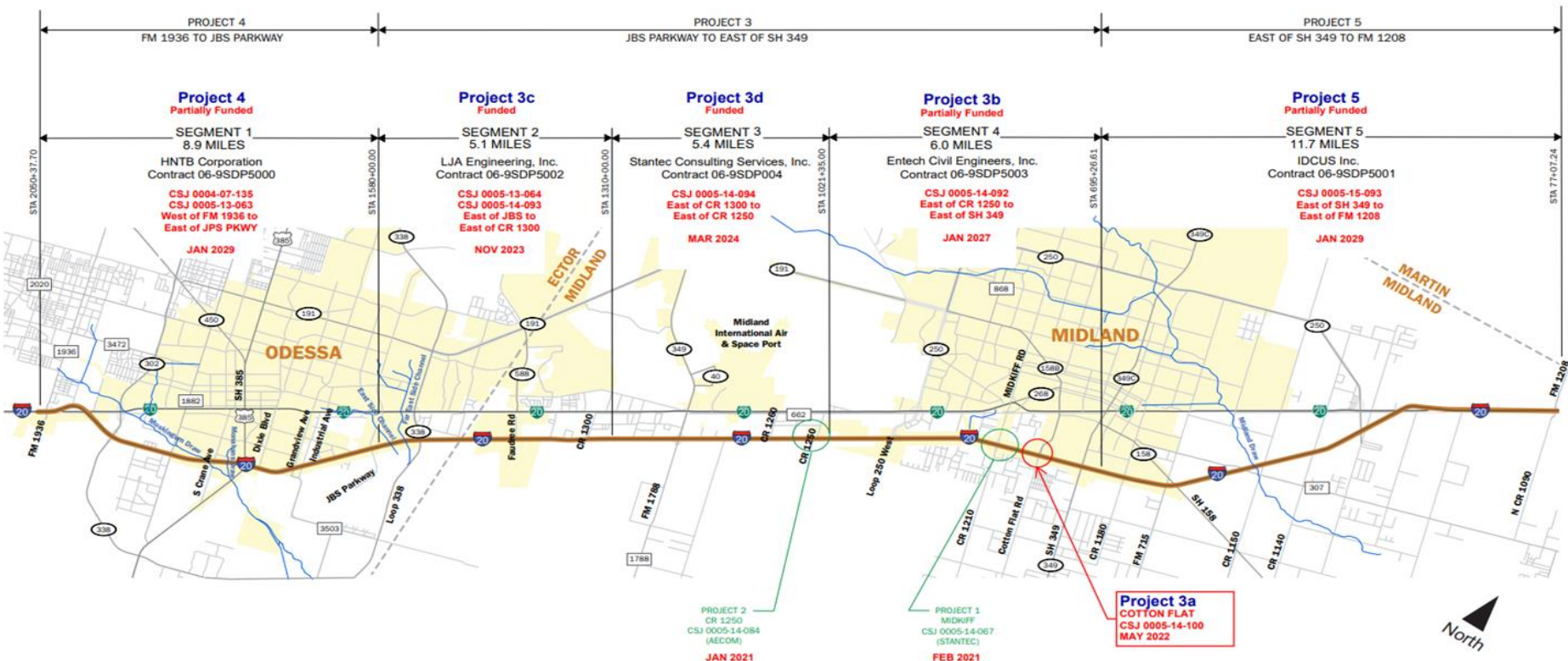
Last of the CRCP has been poured and intersection should be fully functional by Christmas break.

Striping and other final details to be completed after the new year.

37% Complete



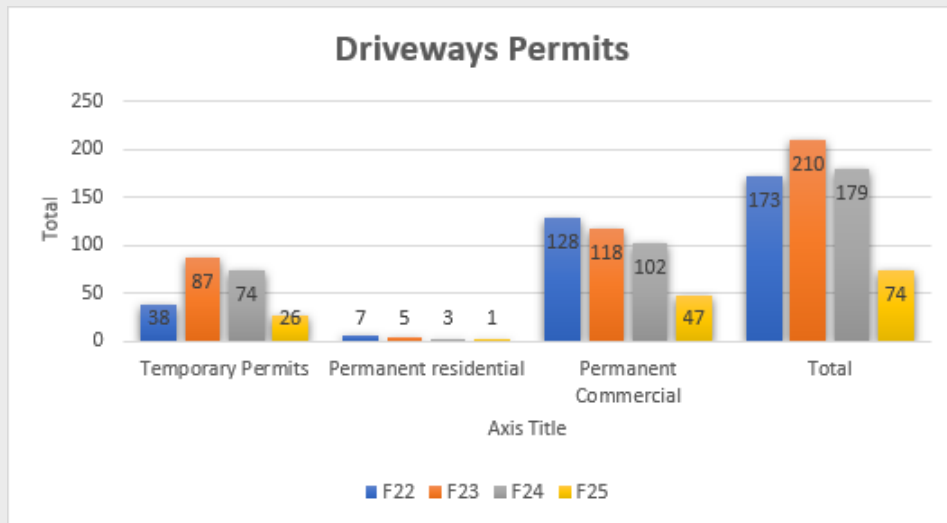
IH 20 ODESSA/MIDLAND PROJECTS



TOTAL = \$1.35 B IN NEW CONSTRUCTION

District Driveway Permits

YEAR	Temporary Permits	Permanent residential	Permanent Commercial	Total
F22	38	7	128	173
F23	87	5	118	210
F24	74	3	102	179
F25	26	1	47	74



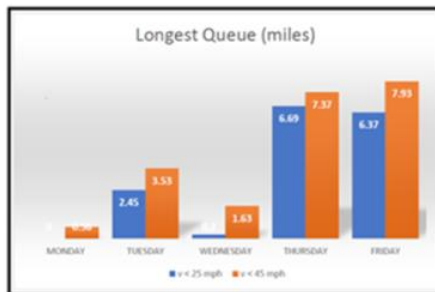
The Basin 20



The Odessa District is taking a comprehensive approach to reducing fatalities, serious injuries, and secondary crashes.

Proactively addressing safety on I-20 by providing information to motorists of slow and stopped traffic.

Innovative messaging improves operations and driver experience - providing travel times and distance to queue clearance.



Know Before You Go: www.Basin20.org

Need	Solution
On-road messaging	PCMS @ ~ 5 mile spacing
Advise of travel times	
Warn of traffic incidents	Hybrid travel time / queue warning
Alert to queues	autonomous field system
Reduce sensing infrastructure	3 rd party data which TxDOT already subscribes to.

Travel Time Messaging

SH 158
12 MILES
13 MIN

Queue Messaging

SLOW
TRAFFIC
8 MILES

STOPPED
TRAFFIC
8 MILES

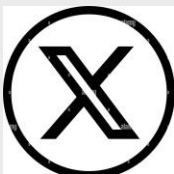
TRAFFIC
CLEARS
2 MILES



Social Media



114K Members
Top 10 District Numbers



3.2K+ Followers
Up 1K To Date

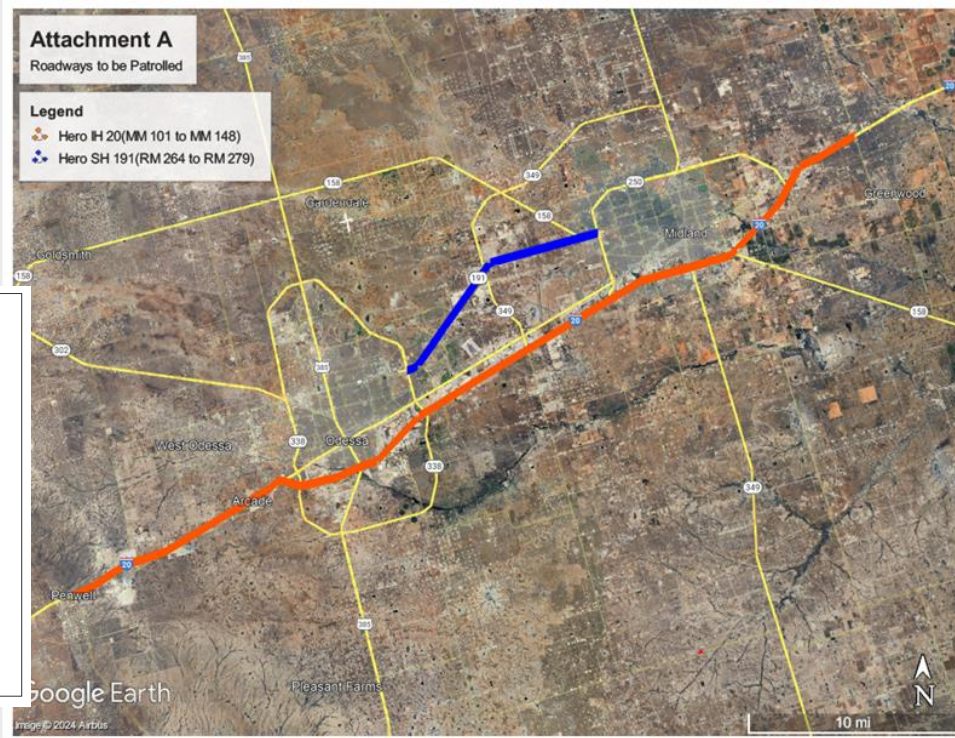


1.6K Total Followers



133.7K Total Visitors To Date
27.2K Unique Visitors

Hero Truck Program



Permian Basin - Highway Emergency
Response Operator Program

Permian Basin HERO Program: 1-877-699-HERO

HERO Routes: I-20 and SH 191 in Ector and Midland Counties (highest crash rates in Odessa District)

HERO Fleet: 4 HERO trucks operating on a fixed schedule seven days a week from 6:00am – 6:00pm.

Cost: \$5M over two years

Funding Partners

- PSP - \$3 million (\$1,500,000 per year)
- Midland County - \$1 million (\$500,000 per year)
- TxDOT Odessa District - \$1 million (\$500,000 per year)

KPIs - Quarterly reporting on:

- Call volume
- Incident response volume
- Incident and response type
- Crash reductions and hot-spot comparison over time

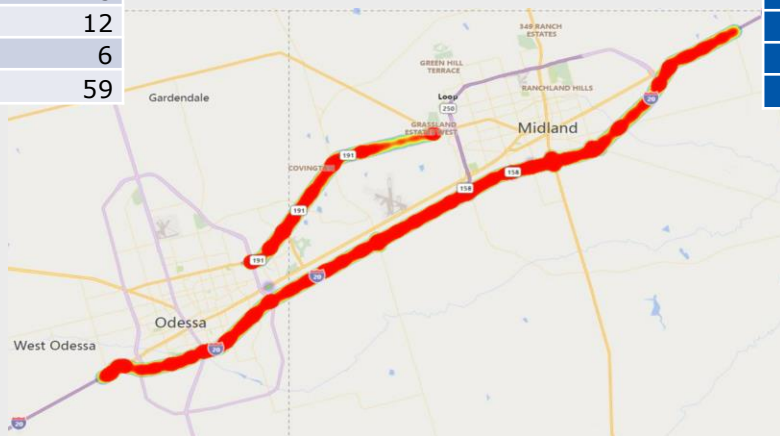


IH 20 Route – Crashes, Fatal Crashes, Fatalities; 2018-2023

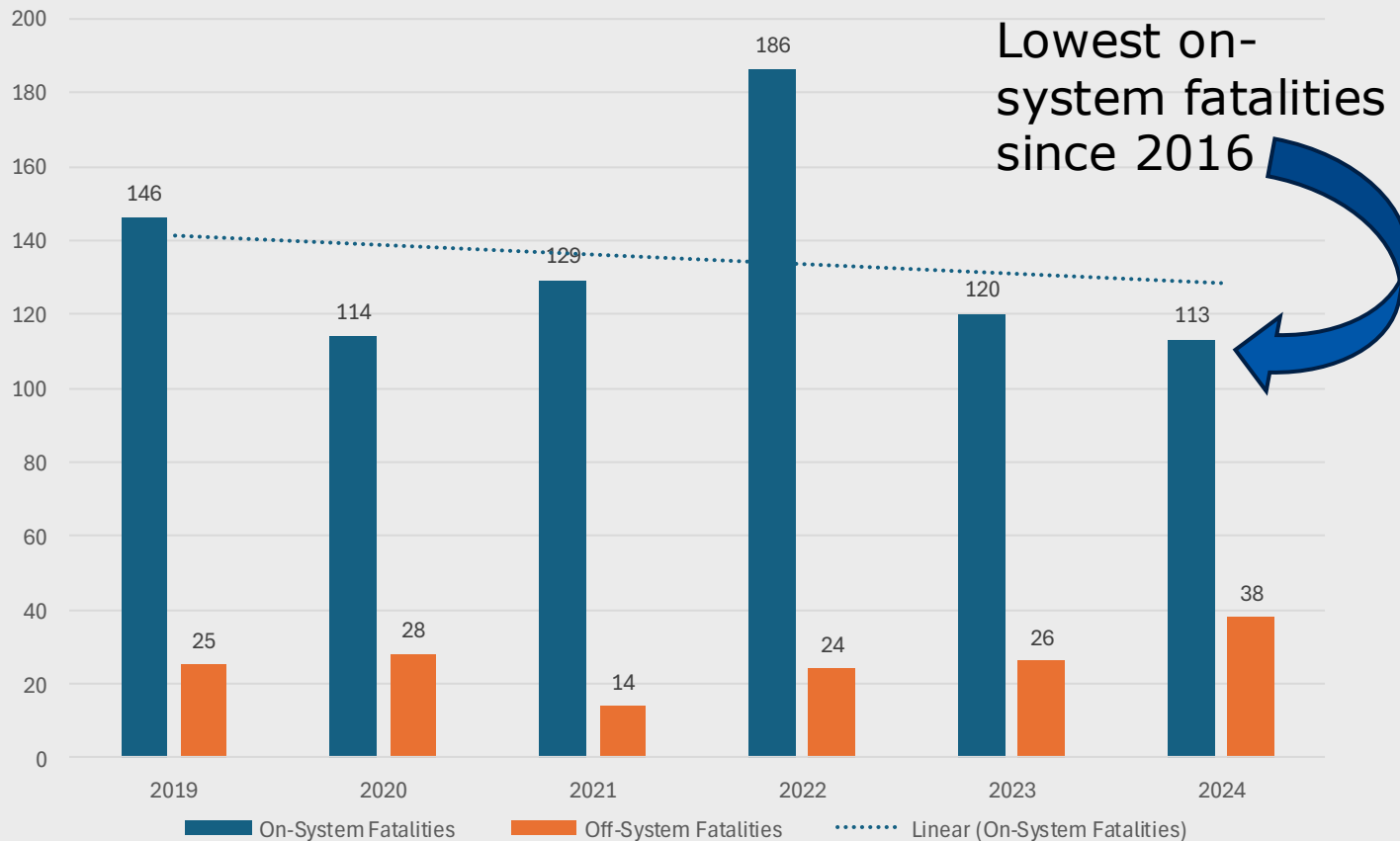
Highway	IH 20 Route		
Crash Year	Total Crashes	Total Crashes - Fatal	Fatalities
2018	780	9	11
2019	730	8	8
2020	480	8	9
2021	537	12	13
2022	610	12	12
2023	672	5	6
Total	3809	54	59

SH 191 Route – Crashes, Fatal Crashes, Fatalities; 2018-2023

Highway	SH 191 Route		
Crash Year	Total Crashes	Total Crashes - Fatal	Fatalities
2018	155	7	10
2019	126	2	2
2020	105	2	2
2021	142	2	2
2022	150	2	2
2023	160	1	1
Total	838	16	19

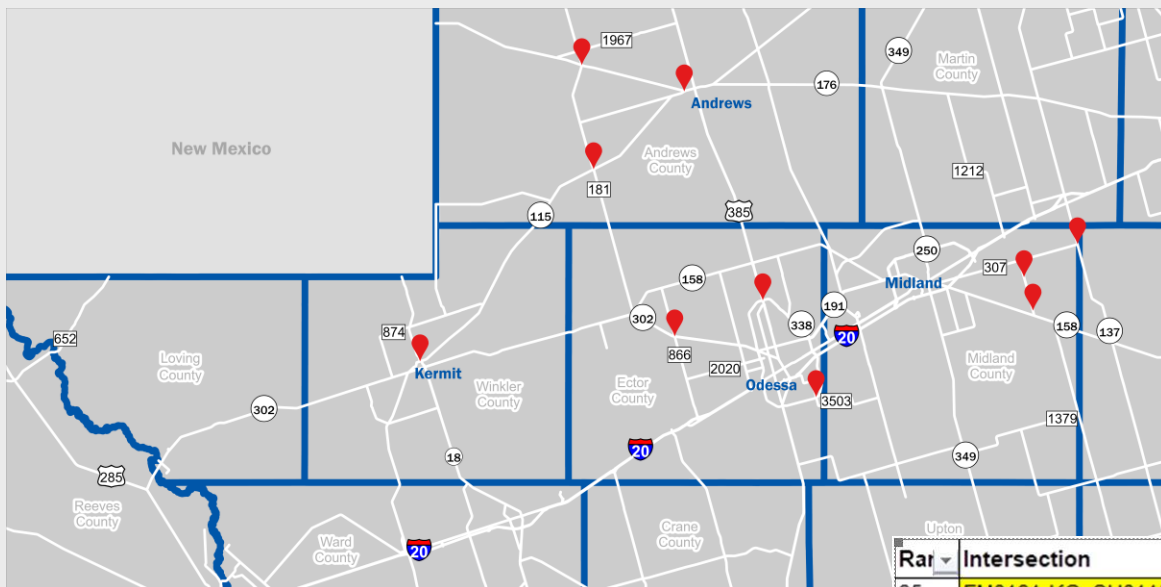


Fatality Trend for Odessa District



2024 Fatality Rate





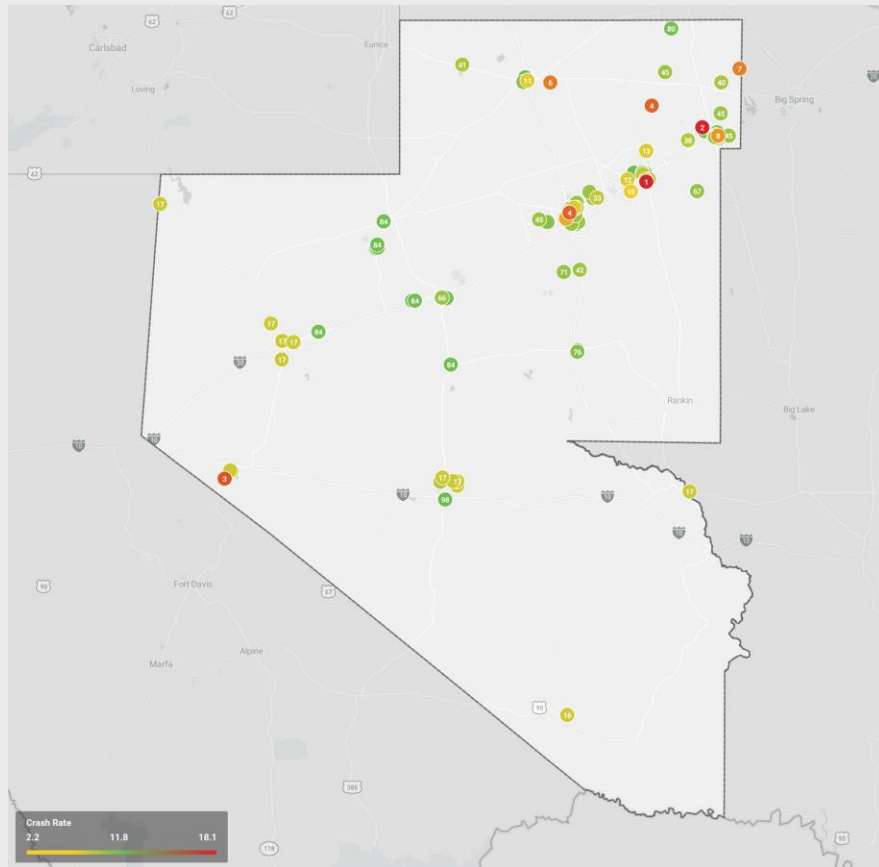
INTERSECTIONS

Highest Crash Rate On System

Rank	Intersection	Crashes	Crash Rate
25	FM0181-KG, SH0115-KG	111.0	4.6
372	COUNTY ROAD 160 (165AA1781), FM1379-KG	14.0	3.4
112	MUSTANG SW (253010), SH0115-KG	46.0	3.0
8	SL0338-KG, SL0338-LG, SL0338-RG, US0385-KG, US0385-LG	172.0	2.8
86	FM3503-KG, SL0338-KG	57.0	2.8
26	FM0866-KG, SH0302-KG, SH0302-LG, SH0302-RG	110.0	2.8
102	S PINE ST (1141261), SH0018-KG, SH0115-KG	49.0	2.5
122	FM0181-KG, SH0176-KG	43.0	2.4
213	FM1219-KG, FM1776-KG	28.0	2.1
330	COUNTY ROAD 490 (088AA0490), FM0307-KG, SH0137-KG	17.0	2.1
292	COUNTY ROAD 120 (165AA1685), FM1379-KG	19.0	2.1

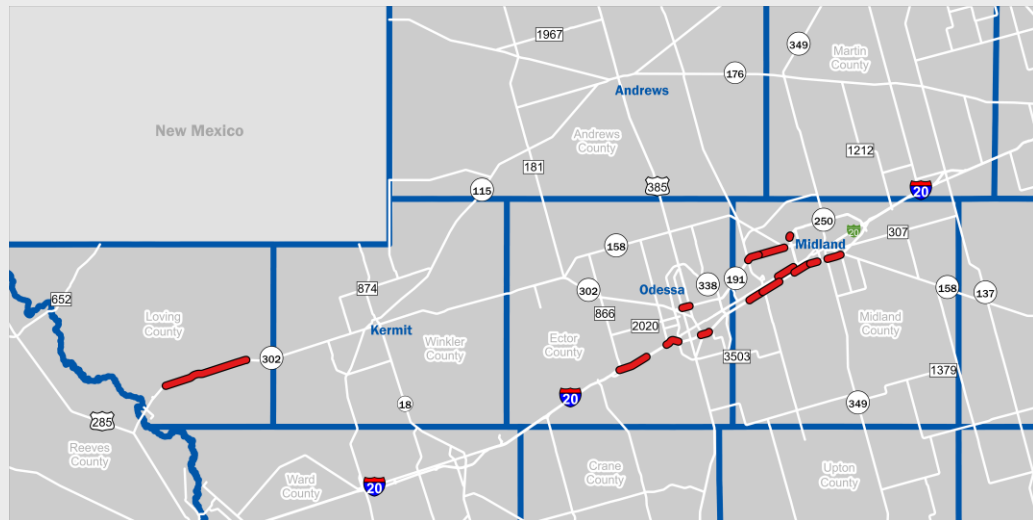
* Last 10 years and minimum of 10 crashes

Intersections by crash rate



When ranked by crash rate, one intersection in Odessa District is the statewide top 100 – Belmont St at W. Longview Ave in Midland. The top 10 intersections across ODA are listed in the table.

Rank	Intersection	Crashes	Fatal Crashes	Crash Rate - Yearly
1	BELMONT ST (1171165), W LONGVIEW AVE (1172311)	66	0	124.5
2	COUNTY ROAD 28 (156AA0028), COUNTY ROAD 30 (156AA0030)	5	1	27.2
3	COUNTY ROAD 323 (195AA0323), COUNTY ROAD 324 (195AA03...	1	0	16.3
4	CUMMINGS DR (1182742), HALLEY AVE (1182929)	6	0	15.7
4	COUNTY ROAD 54 (156AA0054), COUNTY ROAD 56 (156AA0056)	2	1	15.7
6	SE 1600 (002AA5410), SE 3301 (002AA5408)	2	0	14.8
7	COUNTY ROAD 105 (156AA0105), COUNTY ROAD 106 (156AA01...	1	0	14.7
8	ANNA ST (1234534), BEAUGARD ST (1234499)	1	0	13.8
9	ANNEX DR (1182596), W 15TH ST (1183373)	5	0	13.1
10	COUNTY ROAD 1920 (165AA1920), COUNTY ROAD 1928 (165AA...	6	0	11.3

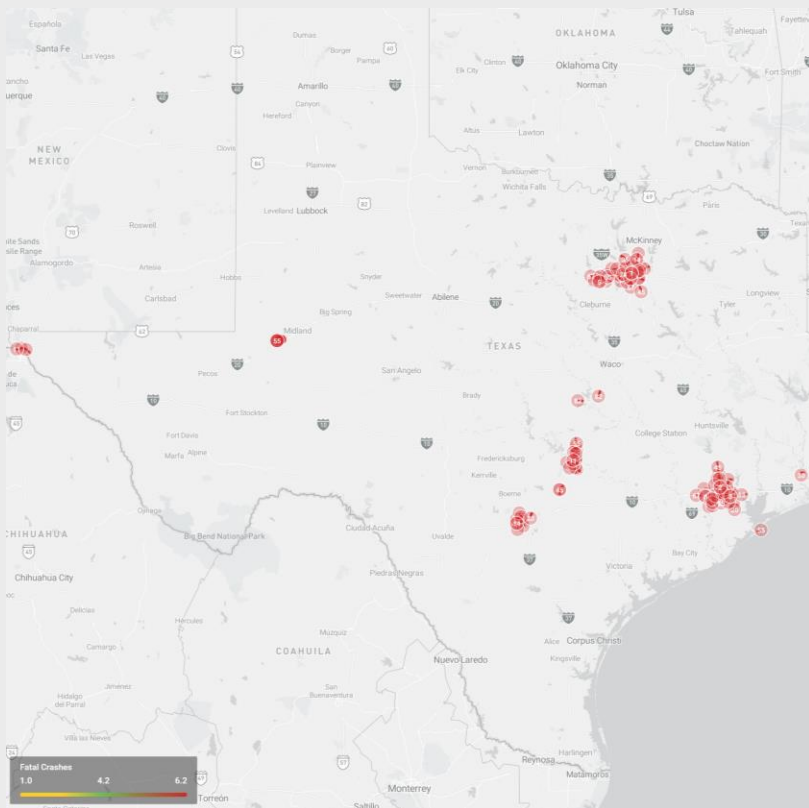


Highest Crashes On System

Rank	Route / MP	Crashes	Crash Rate	Segment Length	AADT	Fatal Injury Count -All Time	Highway
1	IH0020-KG / 131.591 - 133.993	439.0	1.0	2.40	48987	6	IH0020
2	IH0020-KG / 116.541 - 117.7	397.0	2.1	1.16	43228	5	IH0020
3	IH0020-KG / 126.655 - 129.241	375.0	0.8	2.59	47810	6	IH0020
4	IH0020-KG / 104.409 - 108.421	342.0	1.0	4.01	23016	6	IH0020
5	IH0020-KG / 111.539 - 113.372	328.0	1.9	1.83	25648	10	IH0020
6	IH0020-KG / 136.378 - 138.193	323.0	1.1	1.82	43858	7	IH0020
7	BI0020E-KG / 16.928 - 19.297	311.0	1.5	2.37	23075	11	BI0020E
8	SH0191-KG / 12.523 - 14.137	246.0	1.1	1.61	35458	6	SH0191
9	IH0020-KG / 124.587 - 126.65	240.0	0.7	2.06	43192	4	IH0020
10	IH0020-KG / 133.994 - 134.987	198.0	1.1	0.99	50366	7	IH0020
11	SH0302-KG / 7.709 - 19.019	190.0	0.5	11.31	8881	8	SH0302
12	SH0191-KG / 14.137 - 17.659	176.0	0.4	3.52	36310	14	SH0191
13	SH0191-KG / 1.012 - 2.003	157.0	1.5	0.99	28264	5	SH0191
14	SL0250-KG / 1.043 - 1.336	156.0	5.0	0.29	28319	3	SL0250
15	US0385-KG / 317.623 - 325.7	153.0	0.4	8.08	12080	11	US0385

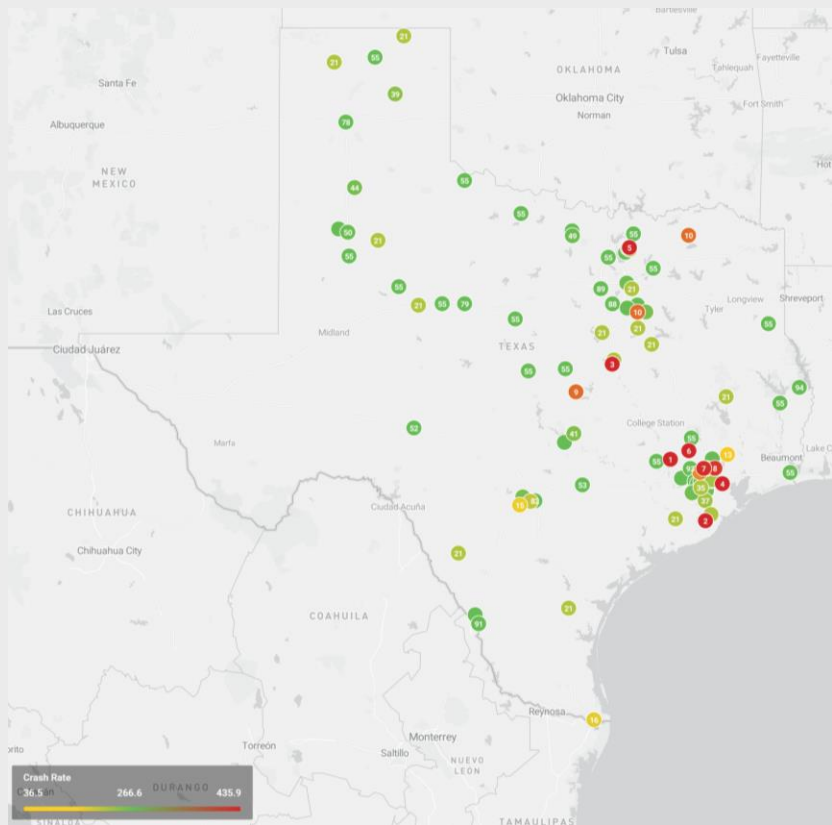
* Last 10 years

5-mile Segments by Fatal Crashes



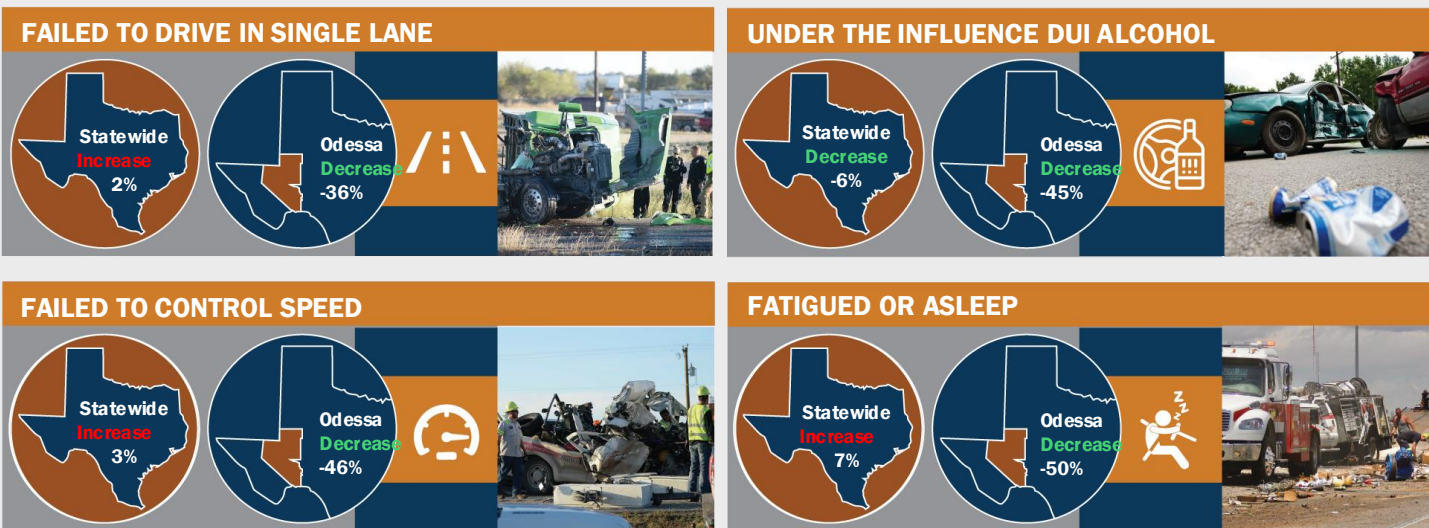
When ranked by number of Fatal Crashes, SH 191 from mile 1 to 6 is 55th on the statewide top 100.

5-mile Segments by Crash Rate

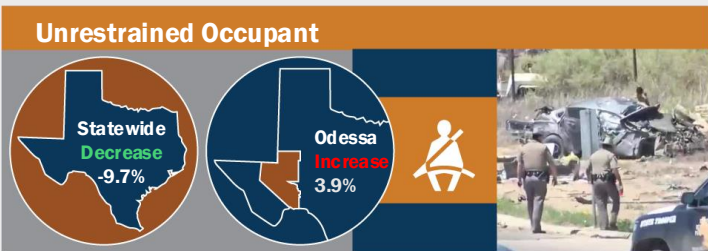
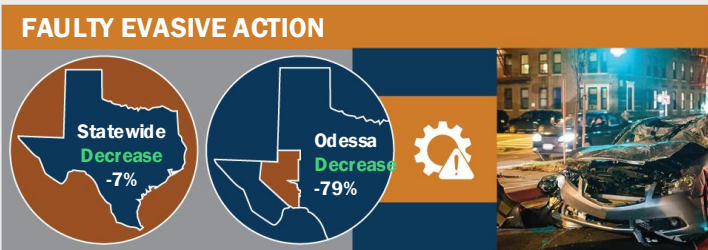


When ranked by Crash Rate, no 5-mile segments in ODA are within the statewide top 100

Odessa District Fatal Crashes 2023 – 2024



Odessa District Fatal Crashes 2023 – 2024

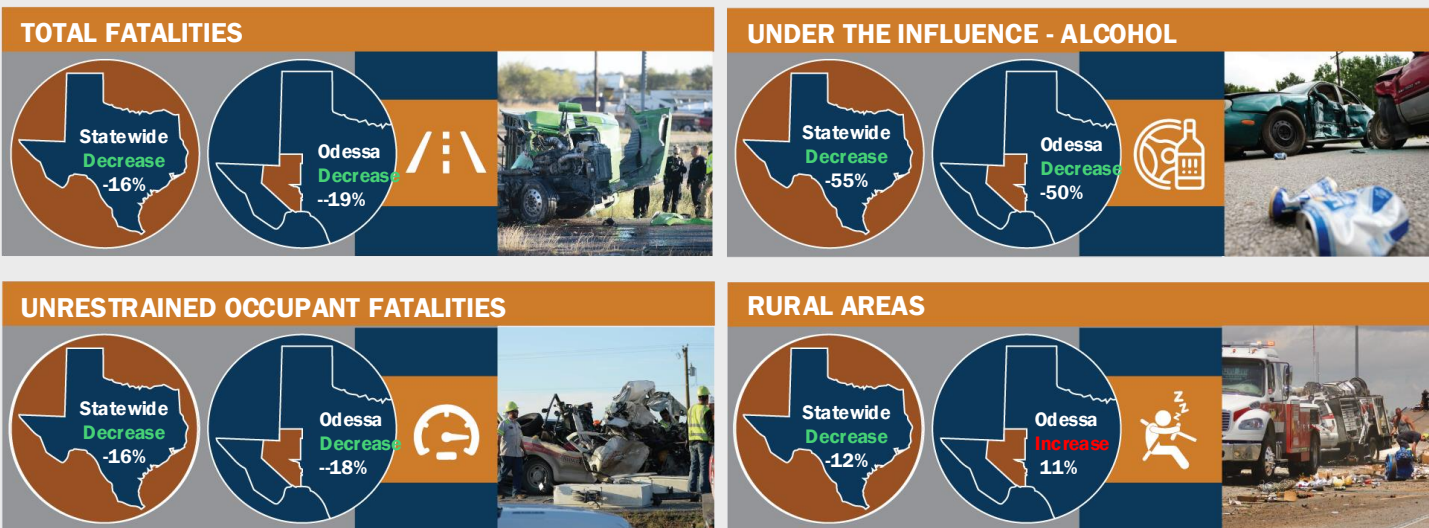


Other Key Numbers

2023 – 51 Unrestrained fatalities

2024 – 53 Unrestrained fatalities

Odessa District Fatalities 2024 – 2025 YTD





#EndTheStreakTX

End the streak of daily deaths on Texas roadways.