



U.S. DOT National Roadway Safety Strategy

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FHWA Louisiana

April 2022



Our Vision

Zero is the only acceptable number of deaths on our highways, roads, and streets.

The United States Department of Transportation is committed to taking substantial, comprehensive action to significantly reduce serious and fatal injuries on the Nation's roadways.

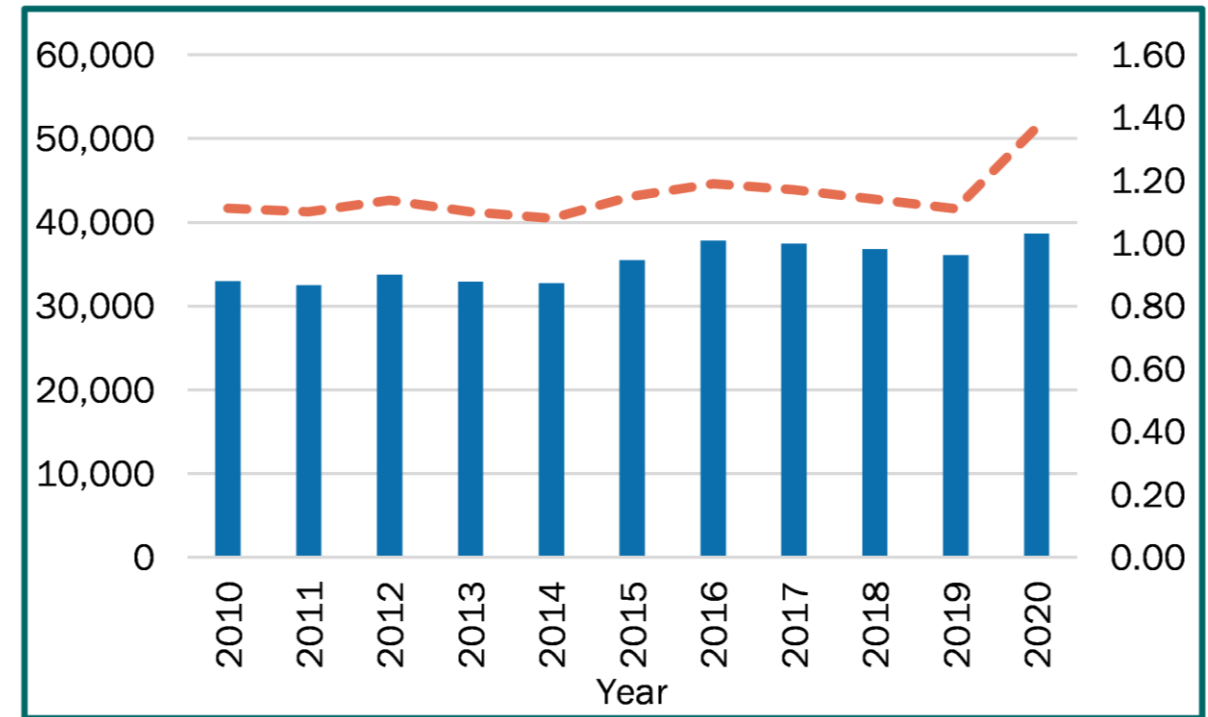
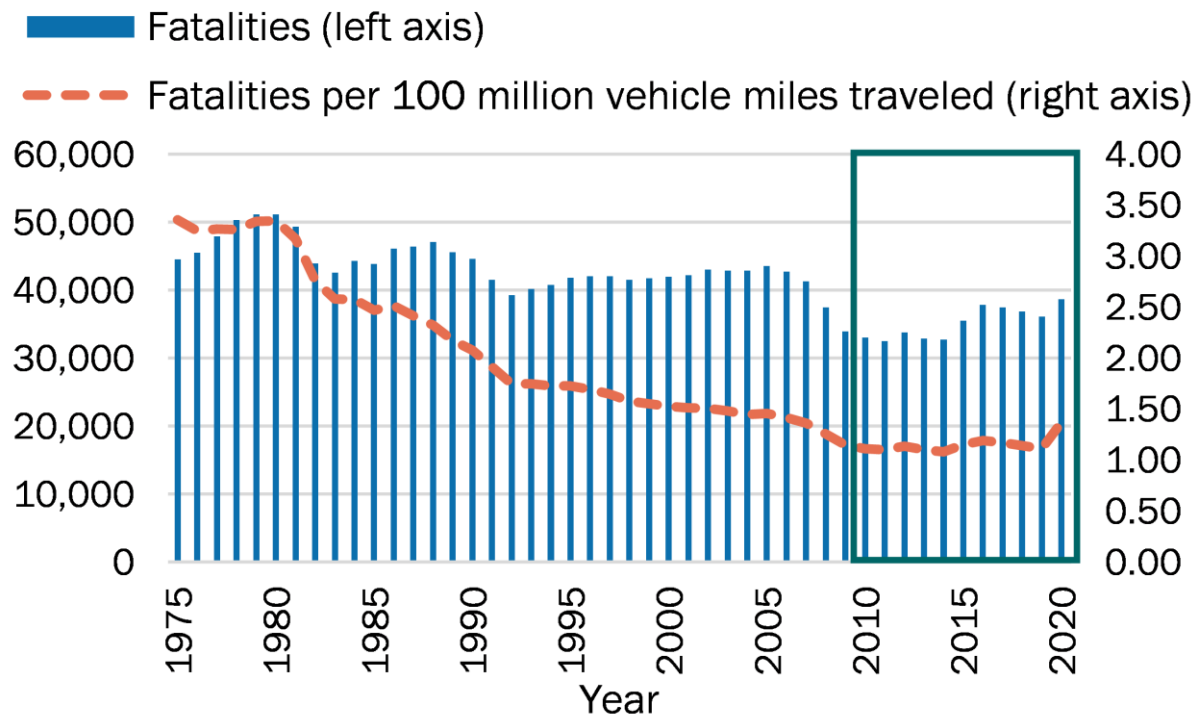
At USDOT, we support all efforts to achieve **zero.**



Our Roadway Safety Problem

We have a National Roadway Safety Problem

Roadway fatalities and the fatality rate declined consistently for 30 years...



...but progress has stalled over the last decade...



We have a National Roadway Safety Problem

The crisis on our roadways **continues to worsen** based on an early estimate of roadway fatalities in 2021:

Early Estimates of Motor Vehicle Traffic Fatalities, first three quarters, 2020 vs. 2021		
January – September 2020 Estimates	January – September 2021 Estimates	Percent Increase from 2020 to 2021
28,325	31,720	12.0%

The estimated fatalities for the first three quarters of 2021 is the largest number of projected fatalities in that time period since 2006.



We have a National Roadway Safety Problem

38,824 fatalities occurred on our nation's highway system in 2020.
2,469 more people died on our nation's roads in 2020 than 2019.

38,824 people died on U.S. roads in 2020.

Fatalities compared to 2019:

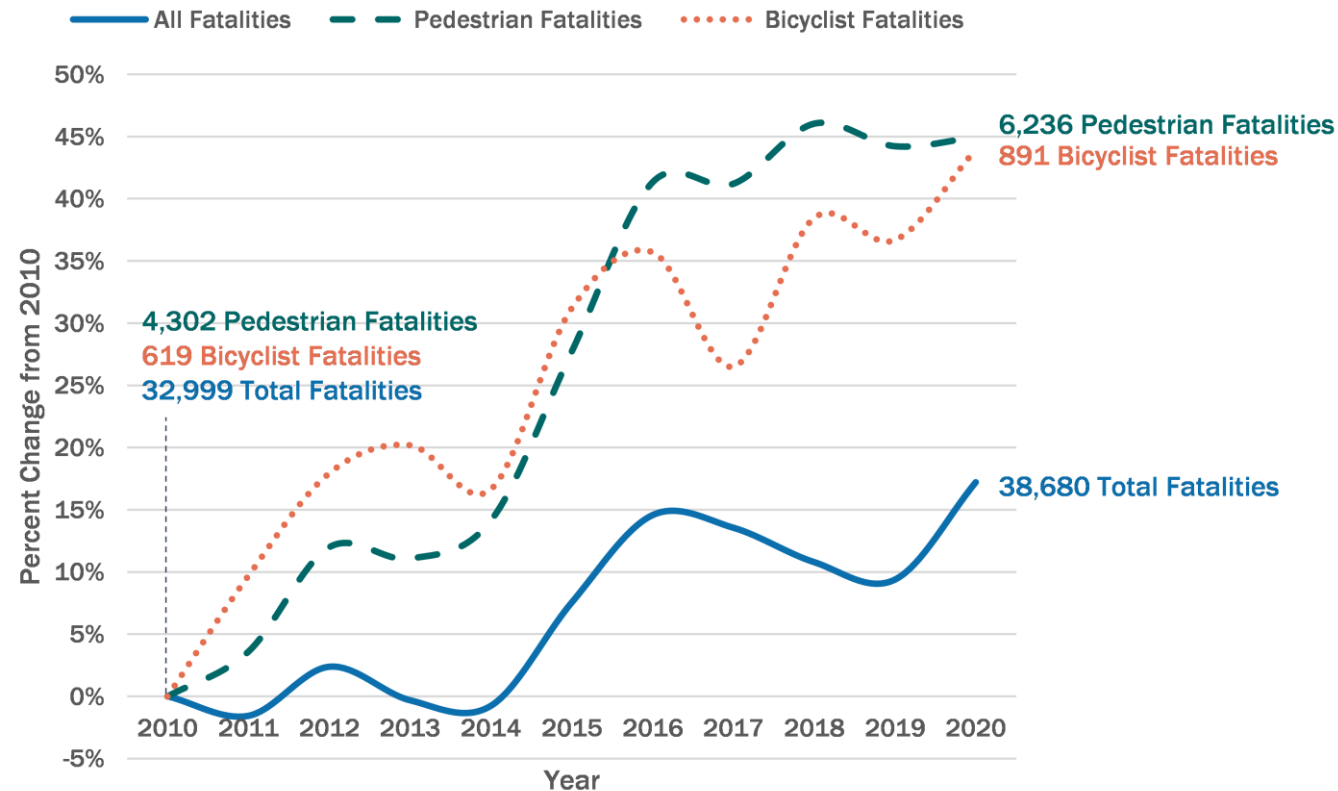
- | | |
|--|---|
| ↑6.8% overall | ↑14% unrestrained passenger vehicle occupants |
| ↑21% rate per 100 million VMT | ↑21% ejected passenger vehicle occupants |
| ↑14% in alcohol-impaired-driving crashes | ↑9.4% in single-vehicle crashes |
| ↑17% in speeding-related crashes | ↑8.5% in urban areas |
| ↑11% motorcyclists | ↑12% during nighttime |
| ↑3.9% pedestrians | ↑9.5% during weekend |

Sources: FARS 2019 Final File, 2020 ARF; VMT – FHWA's Annual Highway Statistics

We have a National Roadway Safety Problem

Fatalities among **all users** have been increasing.

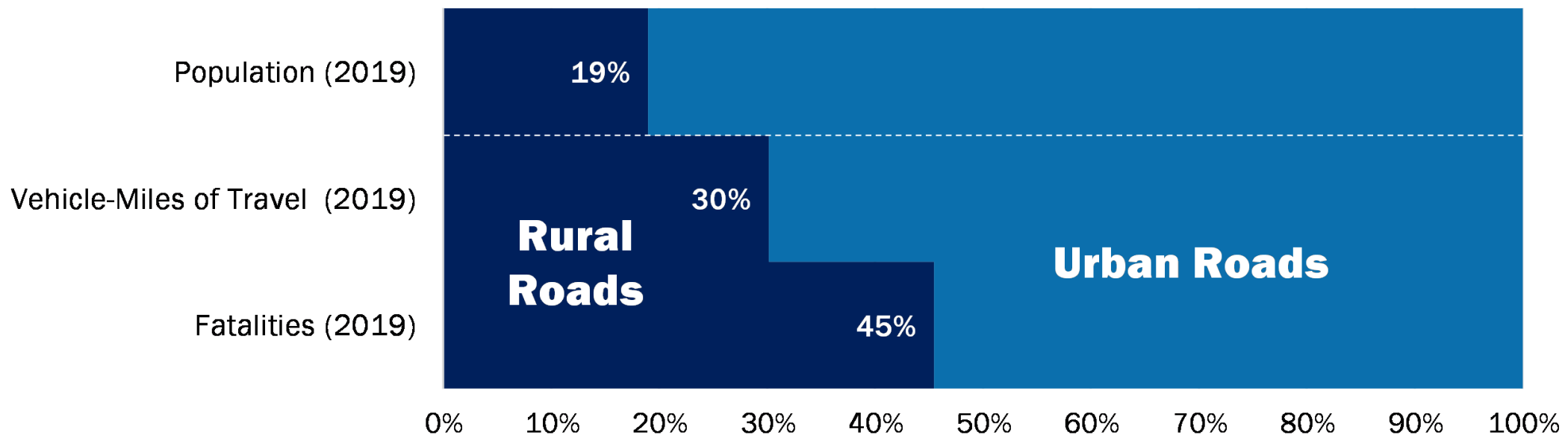
Fatalities among **pedestrians** and **bicyclists** have been **increasing even faster**.



Source: Fatality Analysis Reporting System

We have a National Roadway Safety Problem

Fatalities and **fatal crashes occur disproportionately** -
by both population and vehicle travel – **on rural roads**.





The National Roadway Safety Strategy



National Roadway Safety Strategy

U.S. DOT's comprehensive approach to significantly reducing serious injuries and deaths on our Nation's highways, roads, and streets.

- ❖ **Sets a Department-wide vision and goal**
- ❖ **Adopts the Safe System Approach**
- ❖ **Identifies new priority actions and notable changes to existing practices**
- ❖ **Leverages new funding and policies in the Bipartisan Infrastructure Law to bring this strategy to life**
- ❖ **Advances equity and climate goals**
- ❖ **Calls others to action**

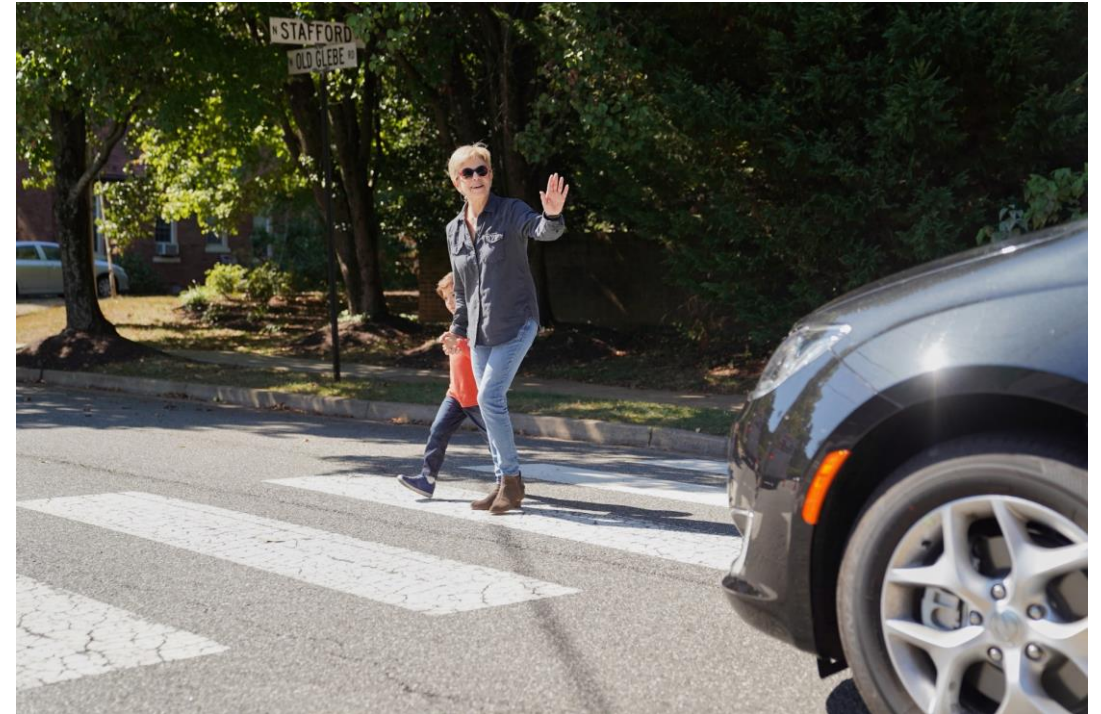


Image Credit: NHTSA



National Roadway Safety Strategy



Image Credit: © deberarr / stock.adobe.com

Learn more about the National Roadway Safety Strategy

www.transportation.gov/NRSS

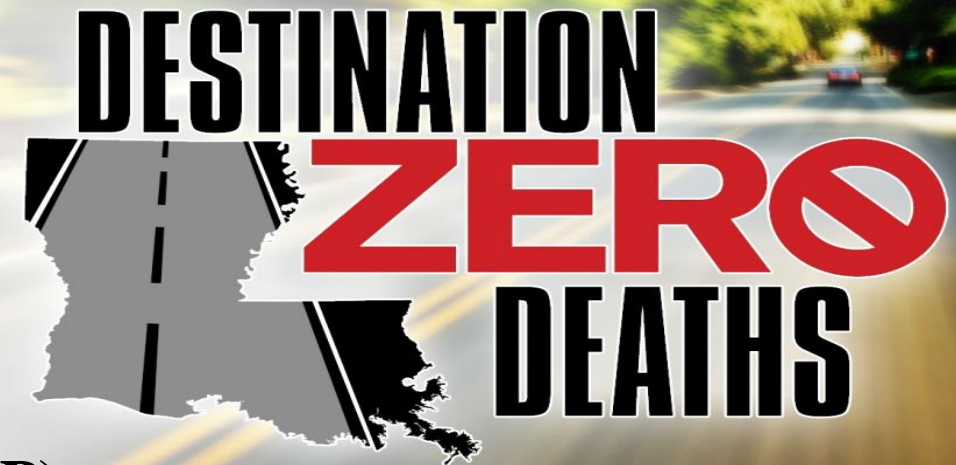
Louisiana Safety Statistics and Trends

presented to

**LPESA Conference
2022-04-21**

presented by

**Leo Marretta
Local Technical Assistance Program (LTAP)**



Local Road Safety



61,000

total roadway miles
in Louisiana

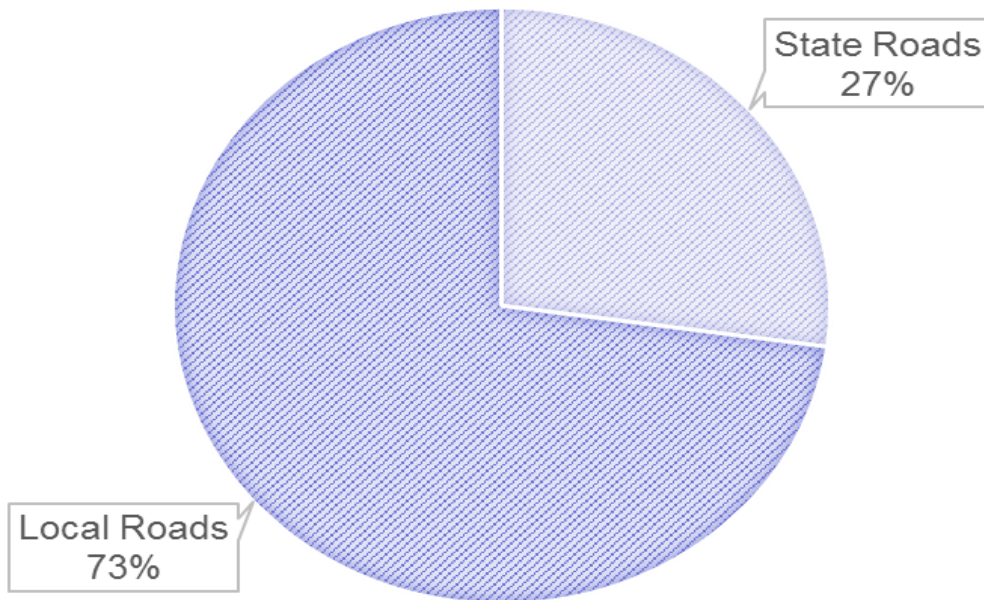
45,000

miles of local roads

17,000

miles of state roads

■ State Roads ■ Local Roads ■ ■



24%



OF ALL FATAL CRASHES
OCCURRED ON LOCAL
ROADS

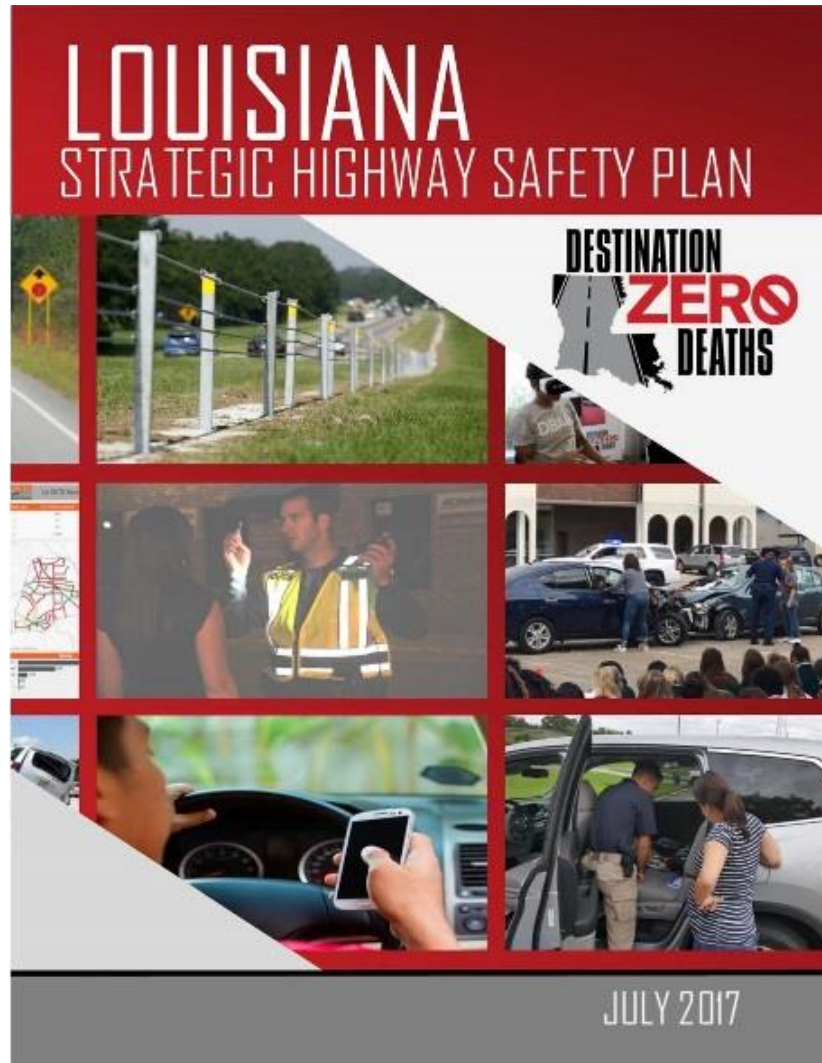


Center for Analytics & Research in Transportation Safety

Cost of Crashes

The Economic and Societal Impact Of Motor Vehicle Crashes,
2010, page 12, unit cost are adjusted by CPI.

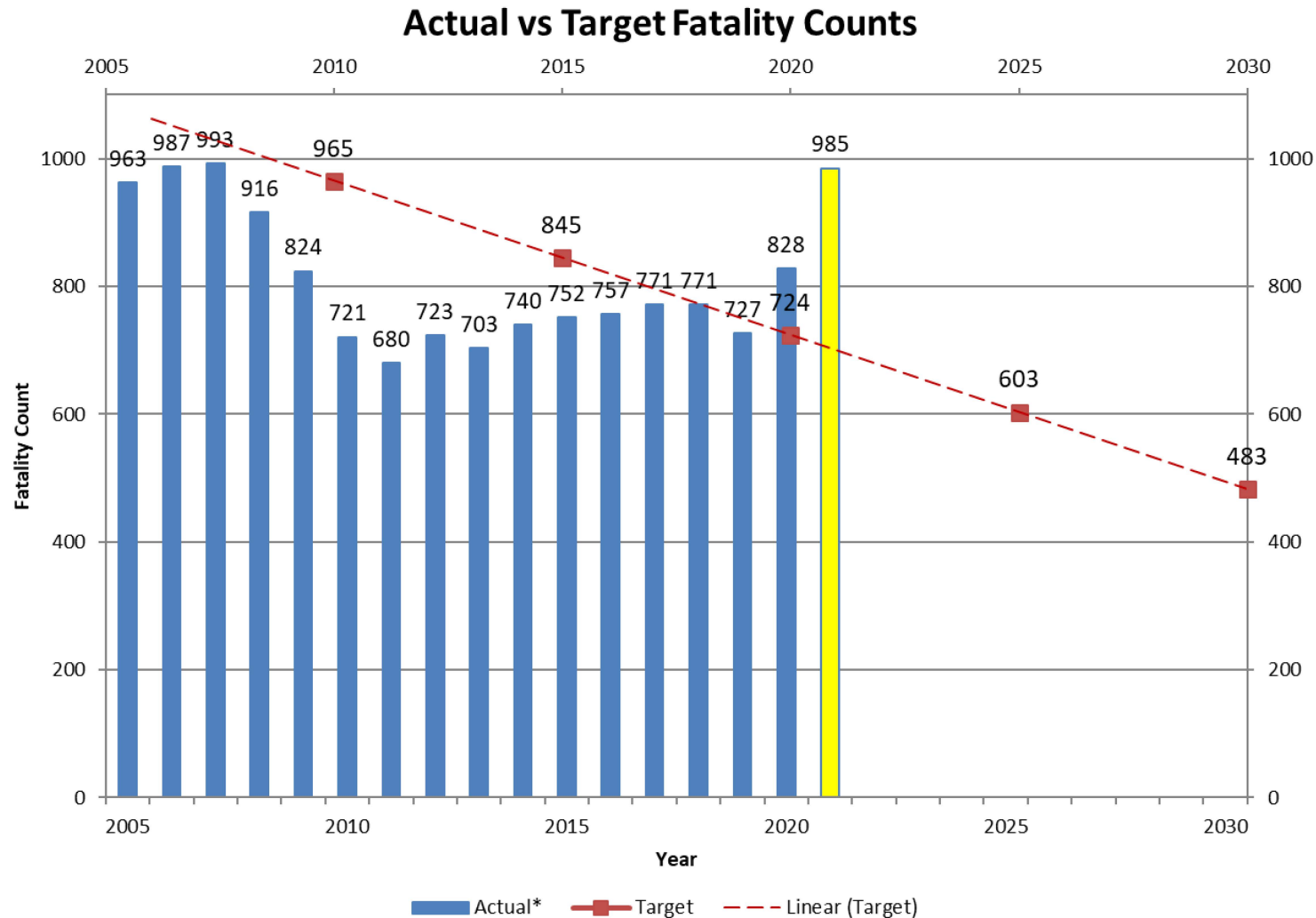
Type	Average Cost per Person	Injuries	Total Cost by Injury Category in Billion Dollars	Total Cost by Injury Category in Billions Including Loss of Quality of Life
Fatal Injuries	\$1,748,645	828	\$1.45	\$9.47
Severe Injuries	\$447,275	1,516	\$0.68	\$2.91
Moderate Injuries	\$131,218	10,767	\$1.41	\$6.00
Complaint Injuries	\$28,474	52,152	\$1.48	\$3.00
Occupants with No Injury	\$5,475	296,876	\$1.63	\$1.63
Property Damage	\$7,595	262,148	\$1.99	\$1.99
Grand Total Cost		624,287	\$8.64	\$25.00
Cost per licensed Driver			\$2,850	
Percent Increase from past year			-5.2%	



SHSP Goal: Reduce Fatalities and Severe Injury Crashes by 50% by 2030

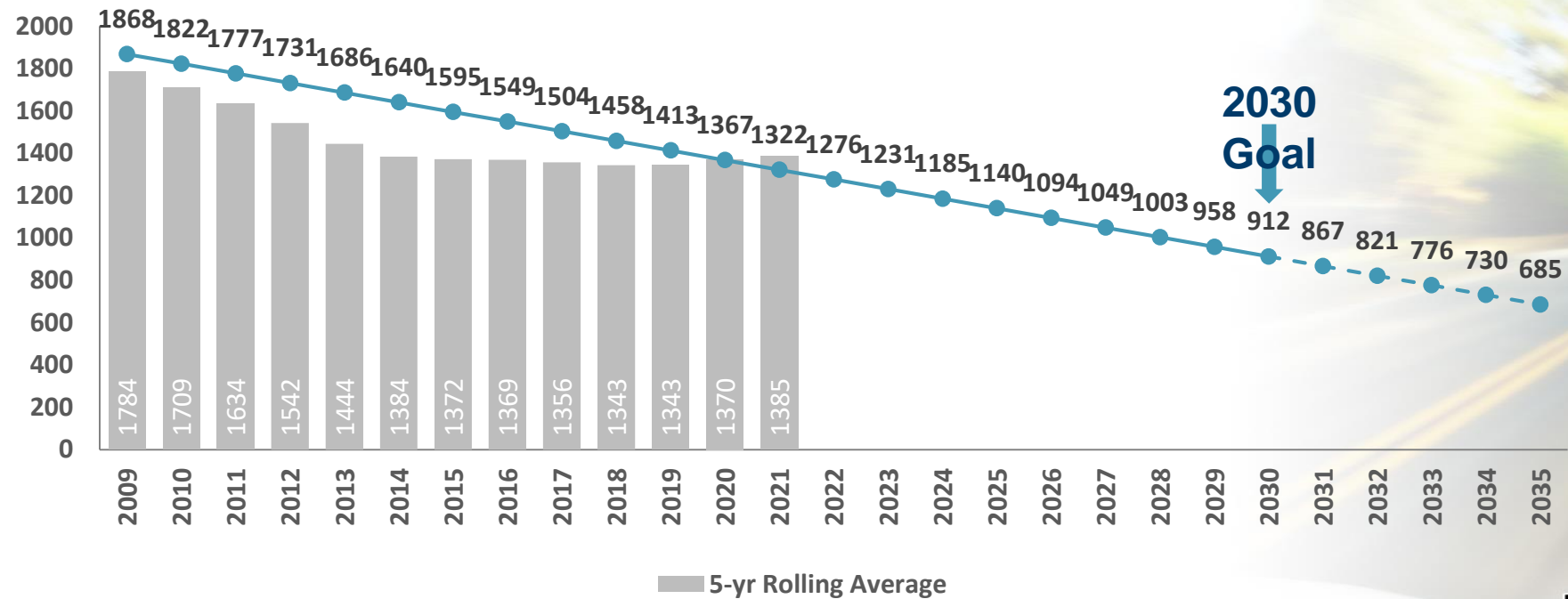
This document and the information contained herein is prepared solely for the purpose of identifying, evaluating and planning safety improvements on public roads which may be implemented utilizing federal aid highway funds; and is therefore exempt from discovery or admission into evidence pursuant to 23 U.S.C. 409.

SHSP Goal: Reduce Fatalities 50% by 2030

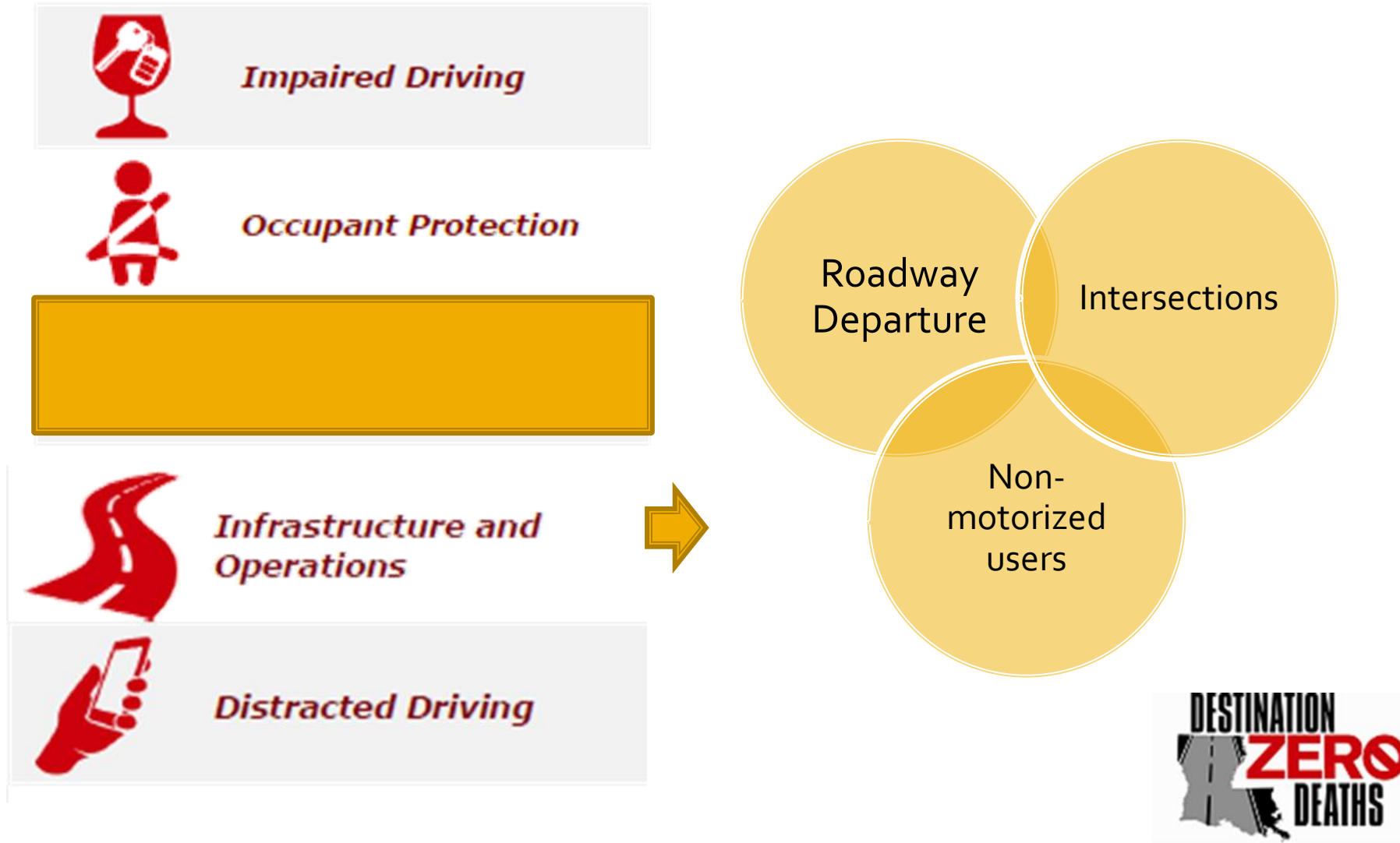


Crash Trends – Serious Injuries

Serious Injuries vs. Benchmark
for 50% Reduction by 2030



Louisiana SHSP Emphasis Areas

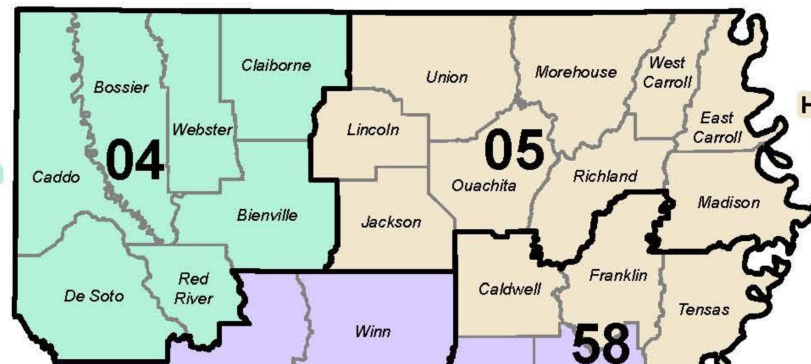


FHWA Proven Safety Countermeasures

<https://safety.fhwa.dot.gov/provencountermeasures/>



Northwest
Louisiana
Transportation
Safety
Coalition



Northeast
Louisiana
Highway Safety
Partnership

Louisiana SHSP Regional Coalitions



CenLA
Highway
Safety
Coalition

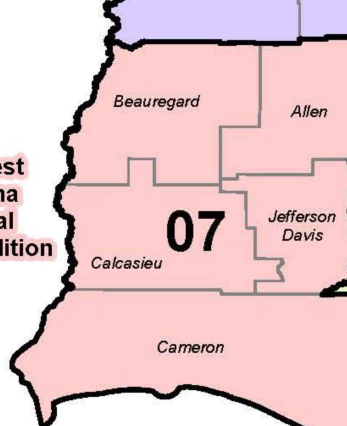


Capital Region
Transportation
Safety Coalition



North Shore
Regional
Safety
Coalition

Southwest
Louisiana
Regional
Safety Coalition

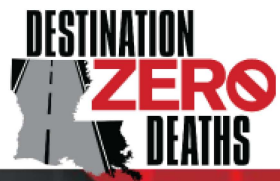


Acadiana
Regional
Transportation
Safety Coalition

South Central
Regional
Safety
Coalition



New Orleans
Regional
Traffic Safety
Coalition





Louisiana SHSP Local Stakeholders Survey

*Scan the QR Code or fill
out the paper survey!*

Local Road Safety Program (LRSP)



- Locally owned roads
- Funding 100% federal, no match required
- No maximum cost limitation
- Project costs > \$500,000 require a benefit-cost analysis
- Applications accepted year round



Contact



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Your Regional Safety Coalition Coordinator

<http://www.destinationzerodeaths.com/Home/LouisianaSafetyCoalitions>

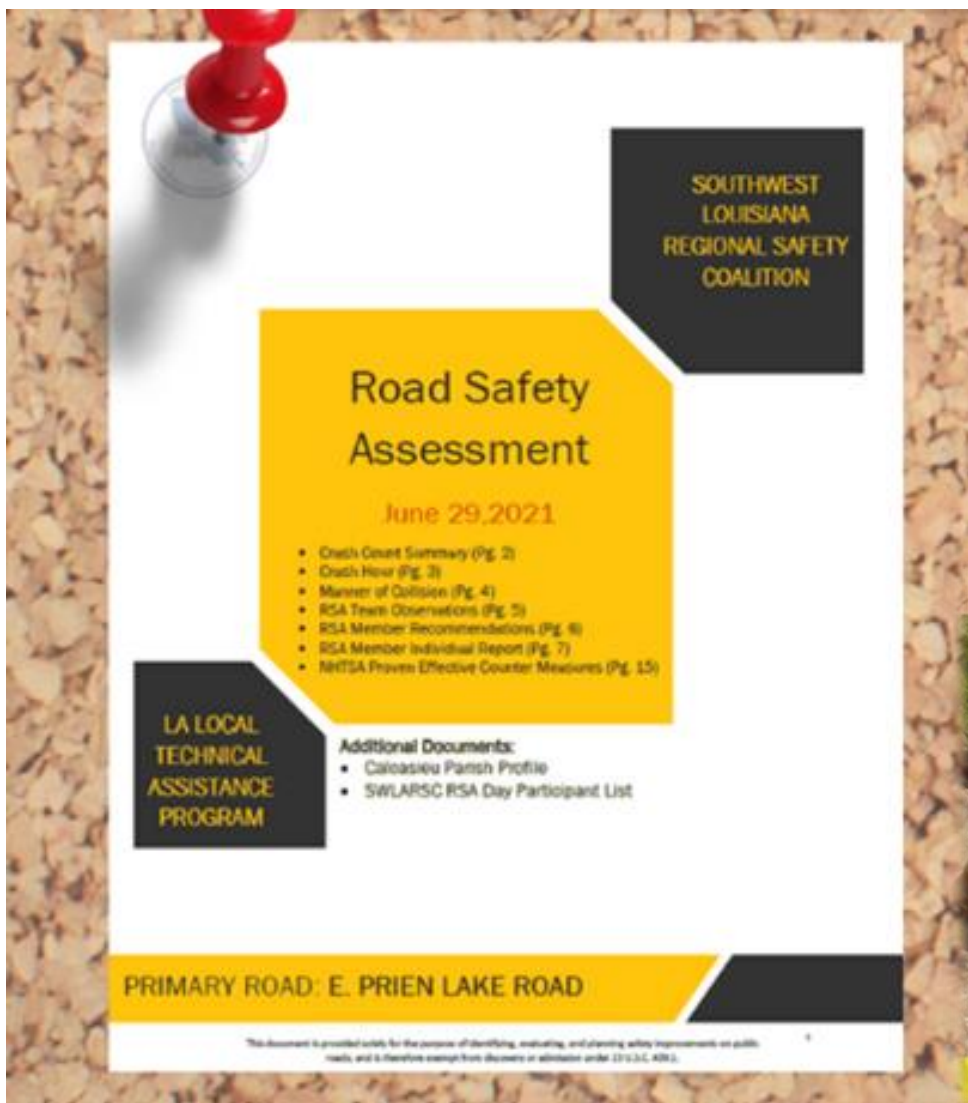
Southwest LA Coalition Efforts

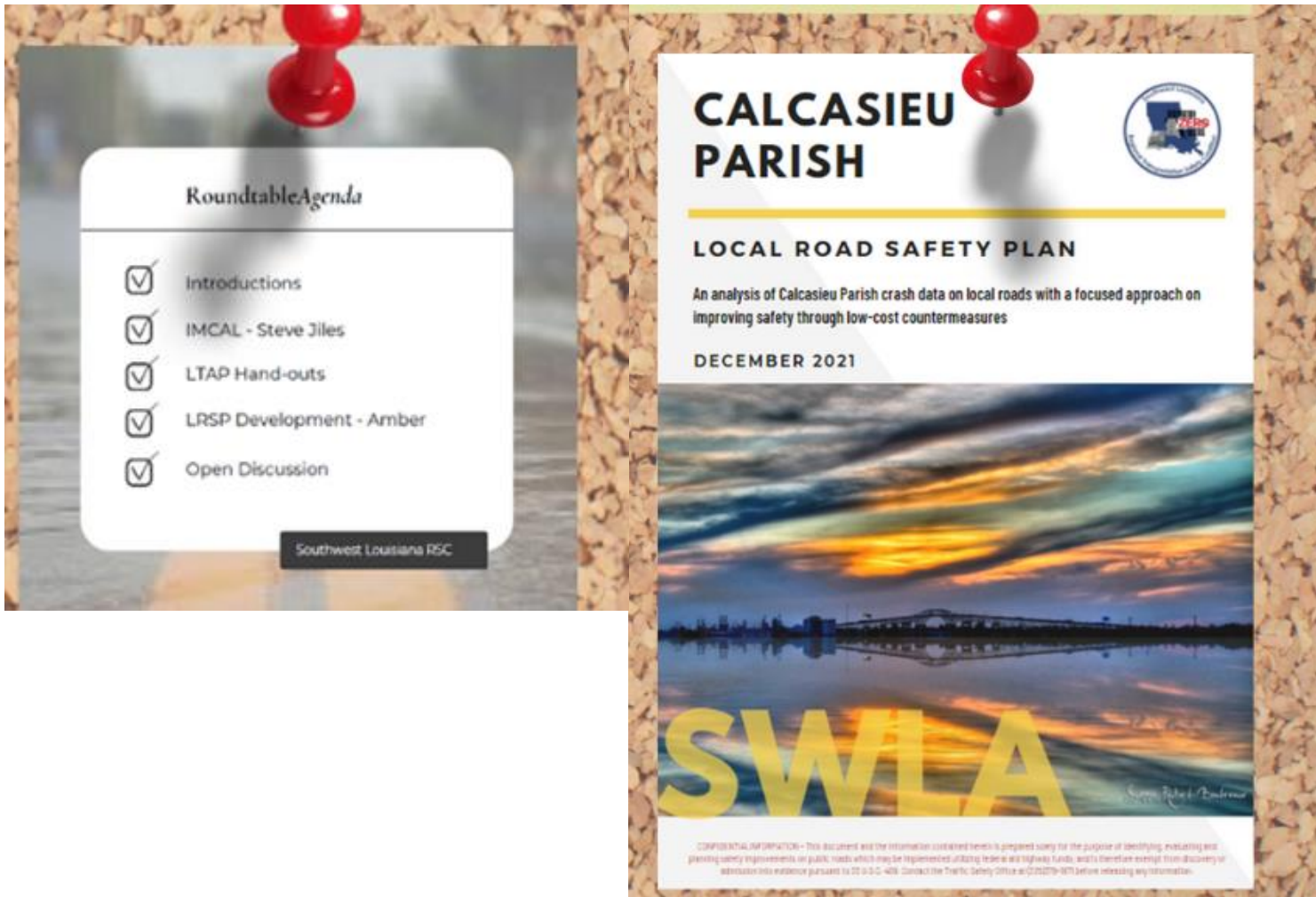
Amber Ashworth



Southwest Coalition Lake Charles Region

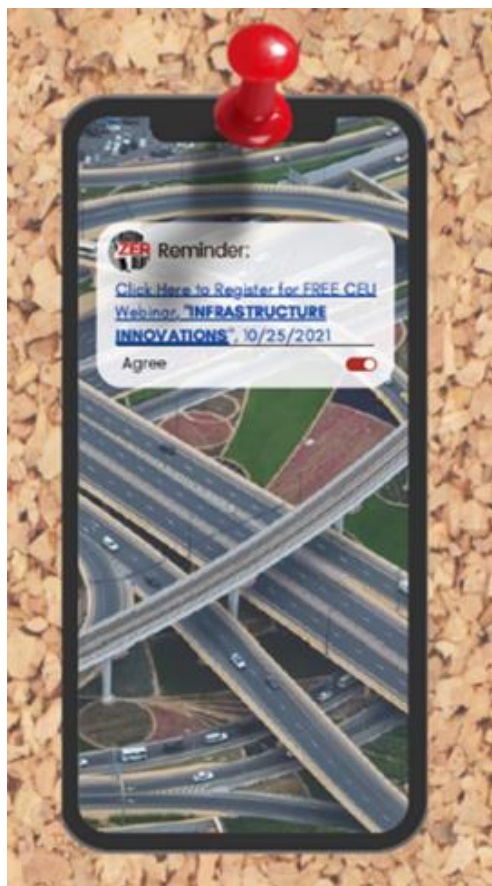
- ✓ Completed Road Safety Assessment Training and conducted field assessments





Southwest Coalition Lake Charles Region

- ✓ Hosted Local Road Safety Plan Development Meetings
- ✓ ***Calcasieu Parish*** has developed a draft plan.



Southwest Coalition Lake Charles Region

- ✓ Developed and hosted an Infrastructure and Operations Continuing Education Unit Webinar for Driving Schools

Local Safety Efforts in Calcasieu Parish

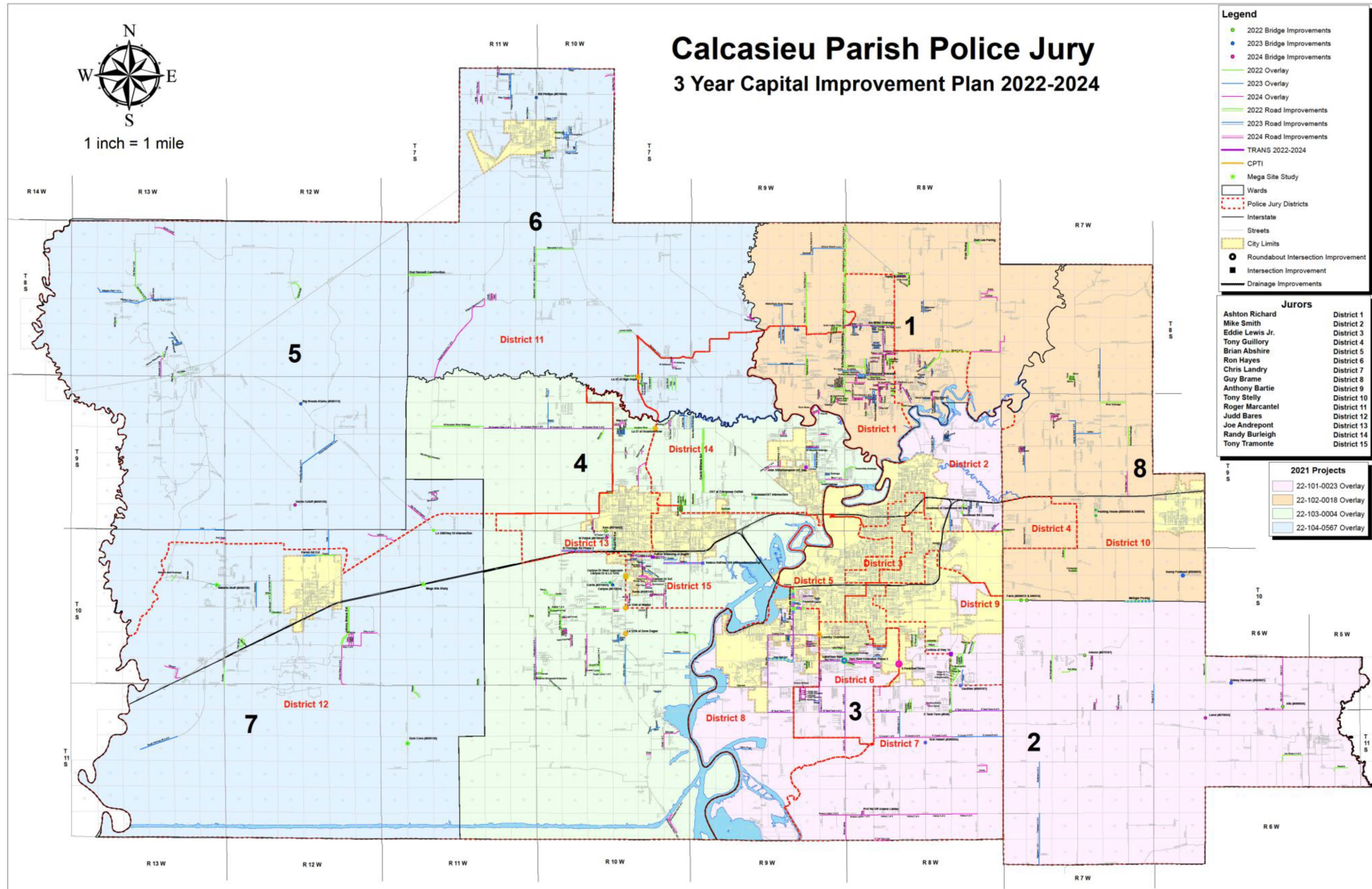
Allen Wainwright



1 inch = 1 mile

Calcasieu Parish Police Jury

3 Year Capital Improvement Plan 2022-2024



CRASH DATA 2010 - 2020

1200 plus miles of Local, Collector and Arterial roads

- Fatalities: 63 Total or 6.3 per year average
- Accidents (All Types): 8969 Total on Parish Roads or 897 Per year average
- Roadway Departures: 4520 Total or 452 per year average
- Rear End: 1670 total or 167 per year average
- Right Angle: 775 total or 77.5 per year Average

Safety Takes Data, Planning and Coordination

- ✓ Continuous collection and analysis of crash data
- ✓ Annual Road Safety Assessments
- ✓ Maintain Updated crash data via GIS layers
- ✓ Coordinate with IMCAL to identify CRASH HOTSPOTS
- ✓ Hosted Local Road Safety Plan Development Meetings

Proven Safety Measures

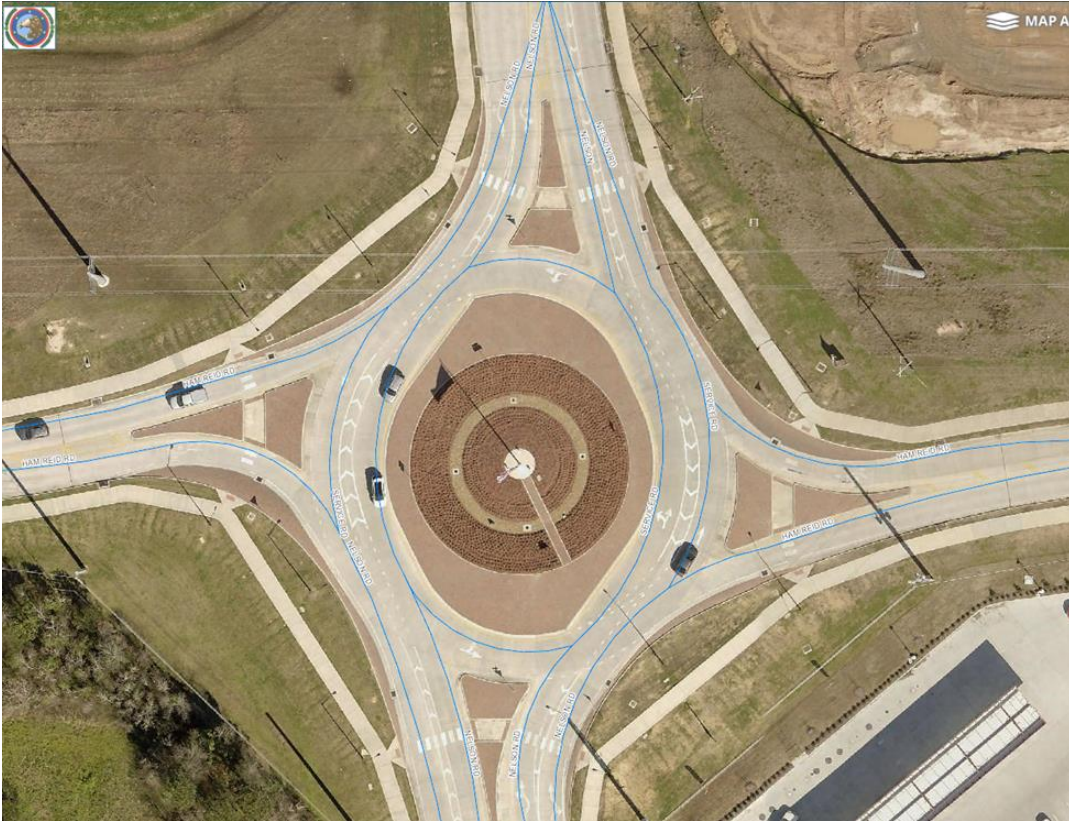
- ✓ Doubled, Oversized Advanced “**STOP AHEAD**”
- ✓ Doubled, Oversized “**STOP**”
- ✓ Flashing “**STOP**”
- ✓ Flashing Beacon Oversized Advanced “**Intersection Ahead**”
- ✓ Properly placed **Stop Bars**
- ✓ Enhanced **Pavement Edge Markings**
- ✓ Installation of **Rumble Strips**
- ✓ Installation of **Center and Edge Rumble Strips**
- ✓ Improved intersection **Sight Distance**



Proven Safety Measures



Proven Safety Measures



Nelson @ Ham Reid



Coach Williams Extention

Welcome Again To Calcasieu Parish

"Please Travel Safe"

South Central LA Coalition Efforts

Cassie Parker



Kings Avenue
in Lutch

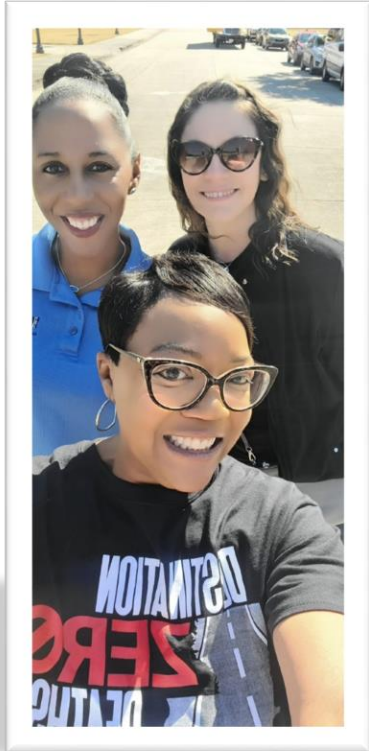
Canal @ 5th:
Thibodaux, LA



5th Street in
Lutch

South Central Coalition Houma Region

- ✓ Assisted the Village of **Assumption**, **City of Lutch** and **City of Thibodaux** in developing pre-applications to be considered for Local Road Safety Program funding



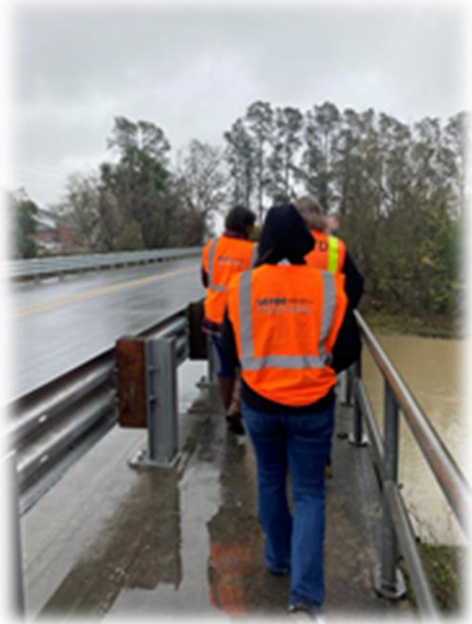
South Central Coalition Houma Region

- ✓ Collaborated with Capital Region Coalition in the filming and production of the ***Move Over PSA & Documentary***



South Central Coalition Houma Region

- ✓ Coordinated School Zone Workgroup (Terrebonne & Lafourche) to improve school zone safety – hands free signage and speed zone signage/cameras added to Terrebonne school zones.



South Central Coalition Houma Region

- ✓ Assisted Assumption LSU Ag Center in conducting Pedestrian Walk Audit
- ✓ Conducted various crash data analysis as requested by local jurisdictions.

South Central Coalition

Houma Region

- ✓ **Mini-roundabout at Nicholls State University in Thibodaux**
 - *This is an example of how a safety issue was addressed through the coalition.*



Northwest LA Coalition Efforts

Dr. Shelly Barrett

Northwest Coalition Shreveport Region

LA Road Trips *with Shelly & Susan!*

44 videos filmed and posted

25 videos are on
Infrastructure Topics



Northwest Coalition

Shreveport Region



- ✓ Pursued funding for Bossier Parish & DeSoto LRSP 2018 applications for striping and signage
- ✓ Completed **local road safety plans** for Bossier and Webster parishes
- ✓ Facilitated **Bicycle Training for Law Enforcement Officers** class with LHSC grantee



Northwest Coalition

Shreveport Region

- ✓ Partnered with Shreveport Green's "**Cover Your Load for a Safer Road**" Tarp Giveaway
- ✓ School Zone Observations completed at Benton Elementary, Eden Gardens Magnet Elementary, and Caddo Middle Magnet
- ✓ Facilitated LSP-G, BSO, and BCPD participation in Operation Clear Track



LTAP Road
Scholar #13
Inspection of
Local Bridges

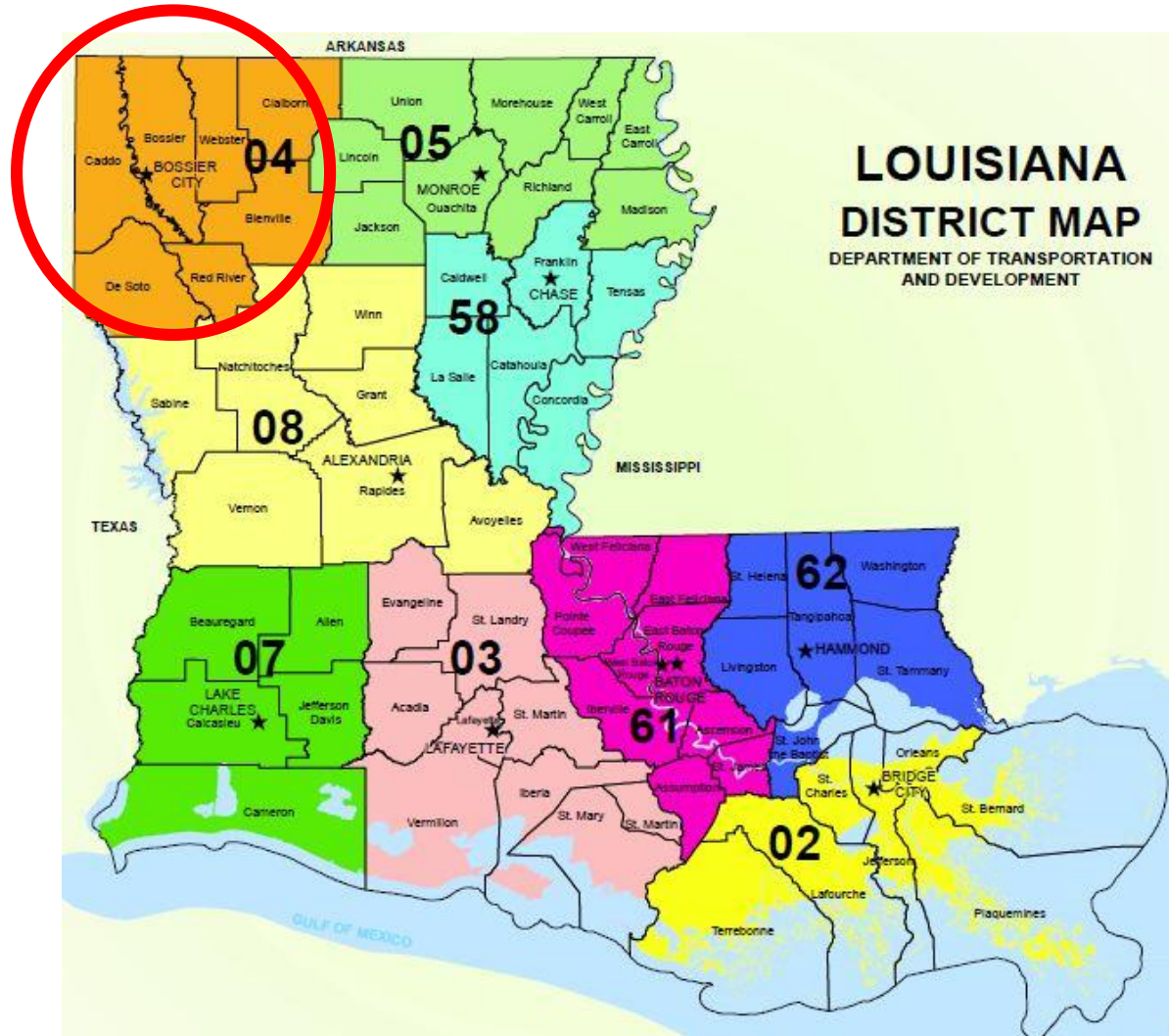
Northwest Coalition

Shreveport Region

- ✓ Facilitated DOTD 04 and LEA Snow/Ice Event Preparedness Meeting
- ✓ Facilitated DOTD 04, LEAs, & First Responder Agencies Snow/Ice Event Preparedness Meeting
- ✓ Co-hosted Infrastructure CEU class for Driving School Instructors
- ✓ Assisted in ***LTAP Roads Scholar #13 – Inspection of Local Bridges***

Northwest Coalition

Shreveport Region



✓ The coalition is working closely with local agencies and DOTD District 04 to facilitate safety improvement studies.

✓ Common safety issues identified:

- ✓ Sight distance
- ✓ Absence of shoulder
- ✓ High traffic volume
- ✓ Queuing of car near school zone causing 15 minute backup