

REGIONAL SAFETY ADVISORY COMMITTEE
North Central Texas Council of Governments
Transportation Council Room
Friday, April 28, 2023
10:30 am – 12:00 pm

[Click here to join the meeting](#) Meeting ID: 247 106 348 405 Passcode: dsjtxy

Call-in (audio only)

1-903-508-4574

Phone Conference ID 227 513 329#\

Please MUTE your telephone during the meeting unless you are asking a question.

AGENDA

1. Approval of October 28, 2022 Meeting Summary – Rob Severance, RSAC Chair
2. [Commitment to Safety](#) – Eric Hemphill, North Texas Tollway Authority
3. [Statewide Safety Task Force & Friends of the Committee and \\$50 Million Safety Program](#) – Natalie Bettger, NCTCOG Transportation Department
4. [County-Level Crash Data Analysis](#) – Michael Misantonis, NCTCOG Safety Team
5. [Sustainable Development School Program Announcements](#) – Shawn Conrad, Sustainable Development Team
6. Update Items
 - a) July RSAC Meeting Preference – Interactive Poll – Camille Fountain, NCTCOG
 - b) [SS4A Grant Program](#) – Kevin Kokes, NCTCOG
 - c) Regional Roadway Safety Plan Updates – Kevin Kroll, NCTCOG
 - d) [Check to Protect - Vehicle Recall Reminder](#) – Kevin Kroll, NCTCOG
 - e) 2023 TIM Instructor RFQ – Recruitment Process Update – Camille Fountain, NCTCOG
 - f) 2023-2024 RSAC Term Designations – Camille Fountain, NCTCOG
 - g) Drive Aware North Texas Outreach Item Availability – Camille Fountain, NCTCOG
 - h) Summer Safety Intern Position – Camille Fountain, NCTCOG
7. [Safety-Related Reference Items, Topics or Training Courses Website](#)
8. Upcoming Safety-Related Events and Training Announcements
 - a) [Traffic Incident Management Executive Level Course](#)
 - o May 4, 2023, NCTCOG Office
 - b) [Traffic Incident Management First Responder and Manager Course](#):
 - o [June 15-16, 2023](#), NCTCOG Office
 - o [August 3-4, 2023](#), NCTCOG Office
 - o [September 14-25, 2023](#), NCTCOG Office
 - c) [ATSIP Traffic Records Forum](#)
 - o July 9-12, 2023, Nashville Tennessee
9. Other Business (Old or New): This item provides an opportunity for members to bring items of interest before the group
10. Next RSAC Meeting: July 28, 2023 at 10 am. Format to be determined.

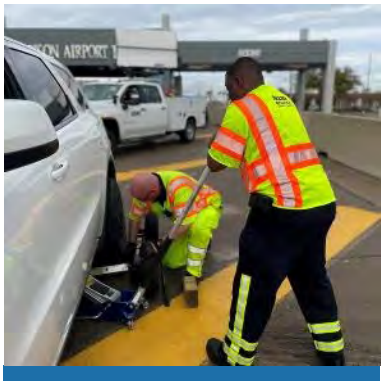


COMMITTED TO SAFETY

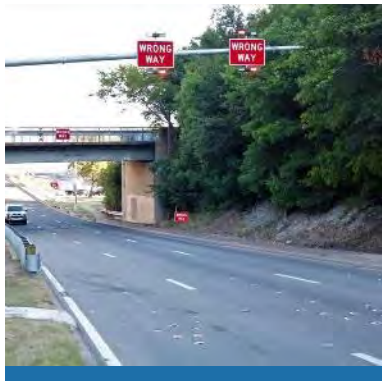
Eric Hemphill

Director of Traffic & Incident Management
North Texas Tollway Authority

Traffic & Incident Management



Roadside Safety Services



Traffic Engineering



Safety Operations Center



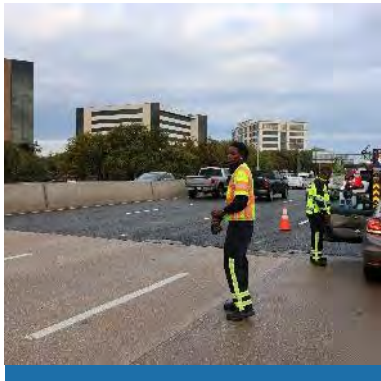
State Troopers



Safety & Emergency Management



Insurance



Traffic Incident Management

Texas Department of Public Safety

DATE: March 7, 2008 7:29 pm

Driver: [REDACTED]

Violator: [REDACTED] Phone: [REDACTED]

Race/Sex: [REDACTED] Height: [REDACTED] DOB: [REDACTED]

Veh LP: [REDACTED] Make: [REDACTED] Model: [REDACTED]

Passengers: [REDACTED] Year: [REDACTED]

Hwy/Met Pkt: [REDACTED] Type: [REDACTED]

Const Zone: [REDACTED] Route: 0010 County: FAYETTE

Workers Present: [REDACTED] MilePost: 668 Weather: CLEAR/CLOUDY

Location: [REDACTED] Traffic: LIGHT

Altitude: 1010 IN FAYETTE CO

Speed Limit: 60 Accident: [REDACTED] Radar Ckt: 19 34

Other Cond: Mix E RR RT LN

VIOLATIONS

1. SPEEDING 10 PERCENT ABOVE POSTED SPEED LIMIT (M)

WARNINGS - NO PENALTY ASSESSED FOR THE FOLLOWING OFFENSES

1. OPERATE MOTOR VEHICLE WITHOUT LICENSE PLATES (OR WITH EXPIRED PLATES)

Citations

Safety Operations Center

Dispatch:

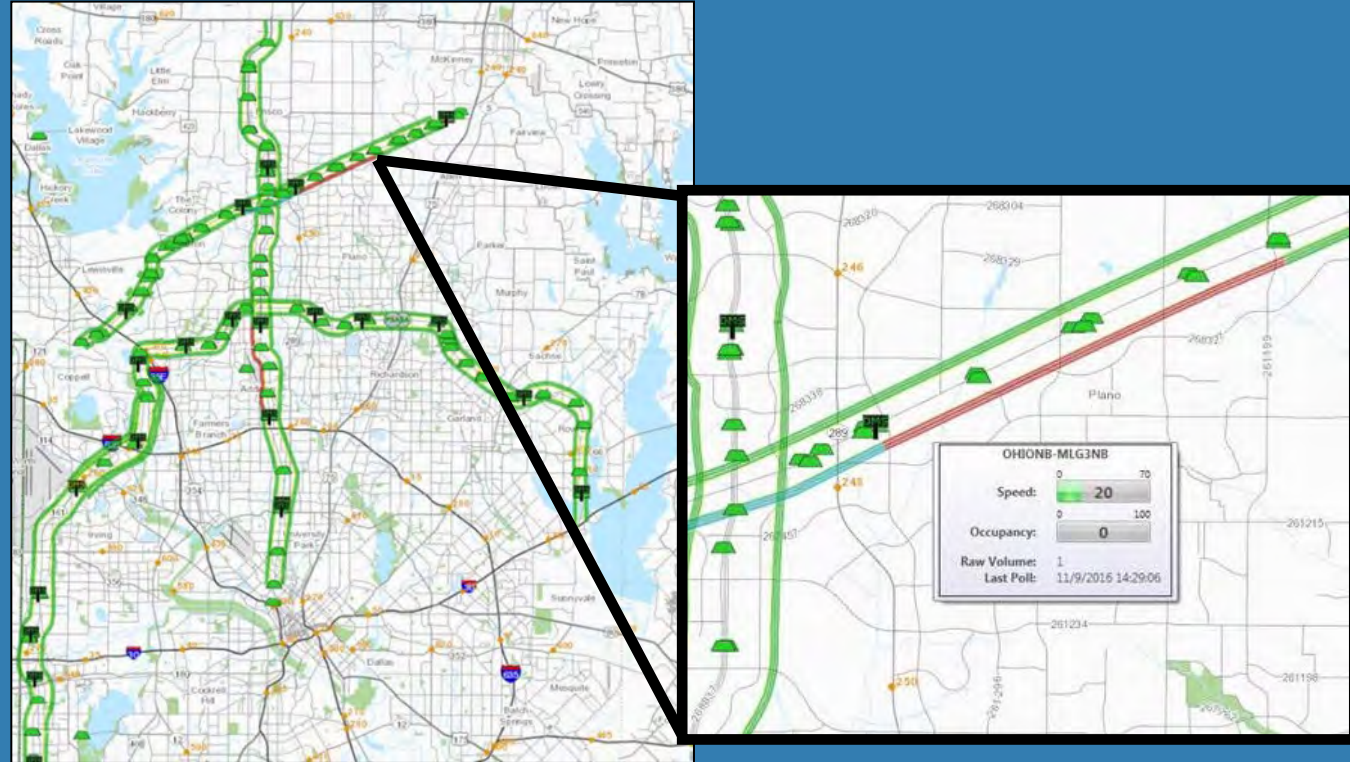
- NTTA Resources
- Contractors
- DPS Troopers

Detection:

- Stranded Vehicles
- Wrong-Way Driver



Travel Time Sensors



Dynamic Message Signs



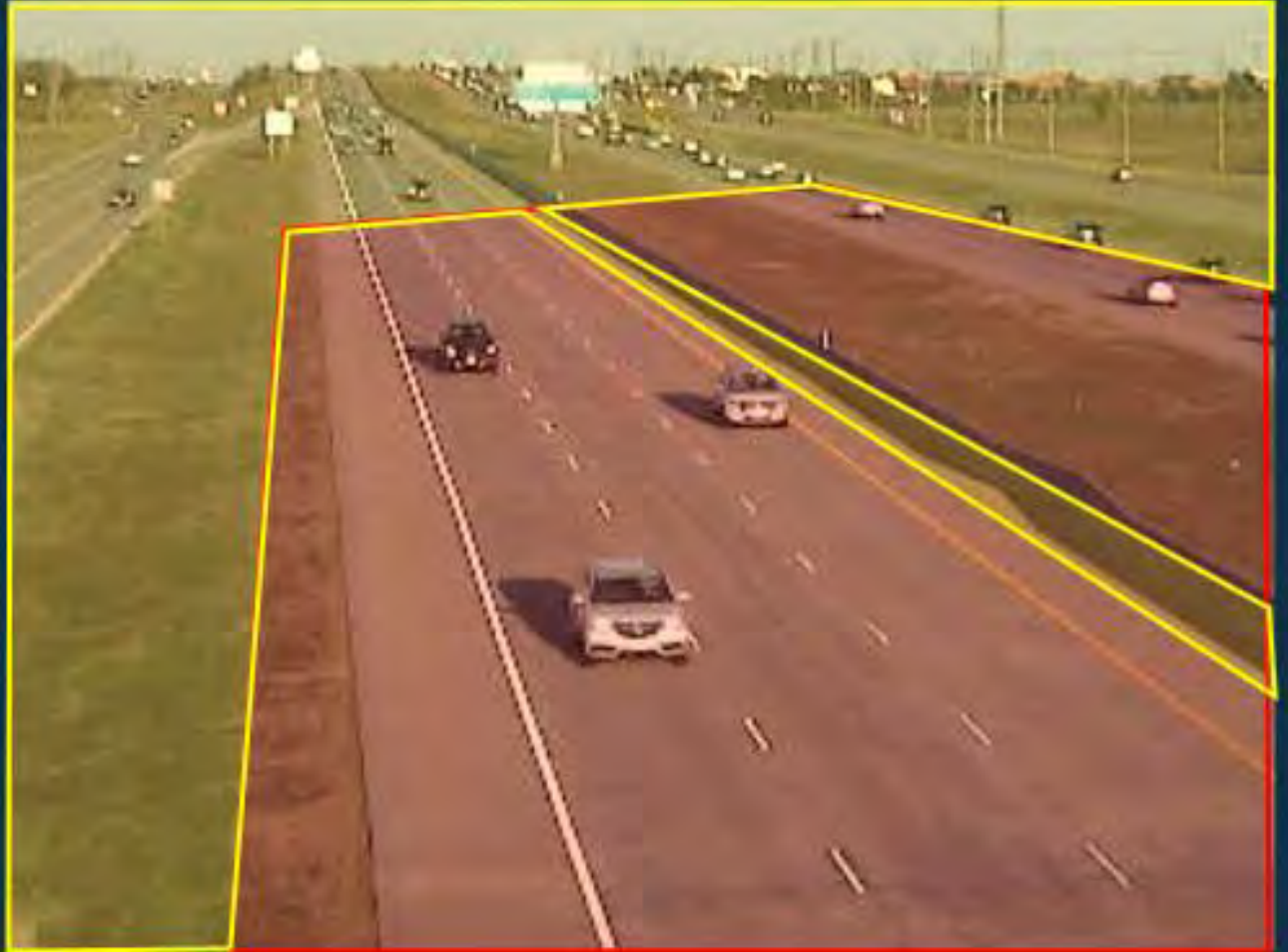
Camera Configuration



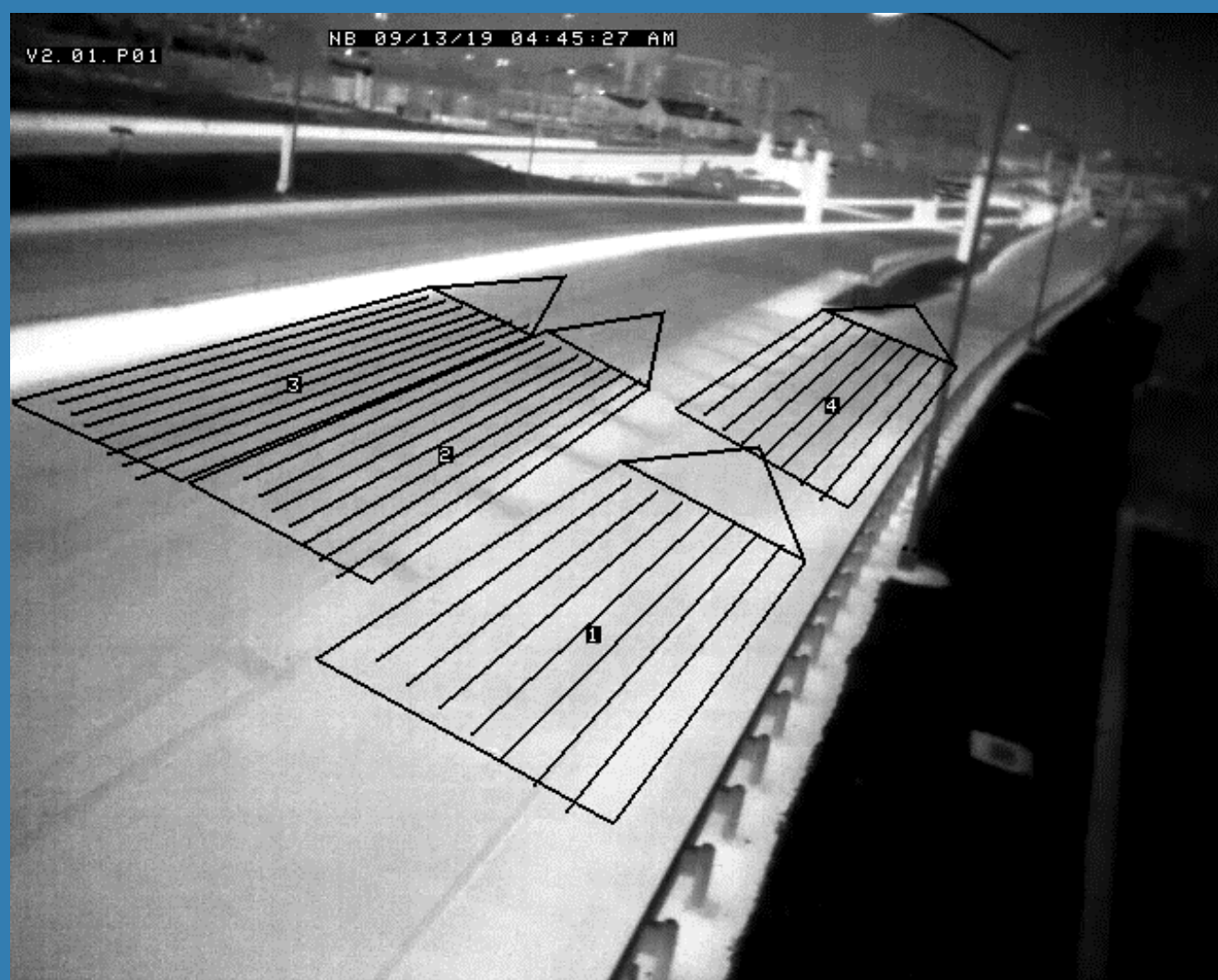
One pan-tilt-zoom camera for assessment and verification

Four fixed cameras for incident detection

Camera – Content Analysis View



Thermal Cameras



SOC – Wrong Way Driver Alert

WWD ALERT - 3:42:09 PM

WWD Detection

MOCKINGBIRD_EXIT RAMP

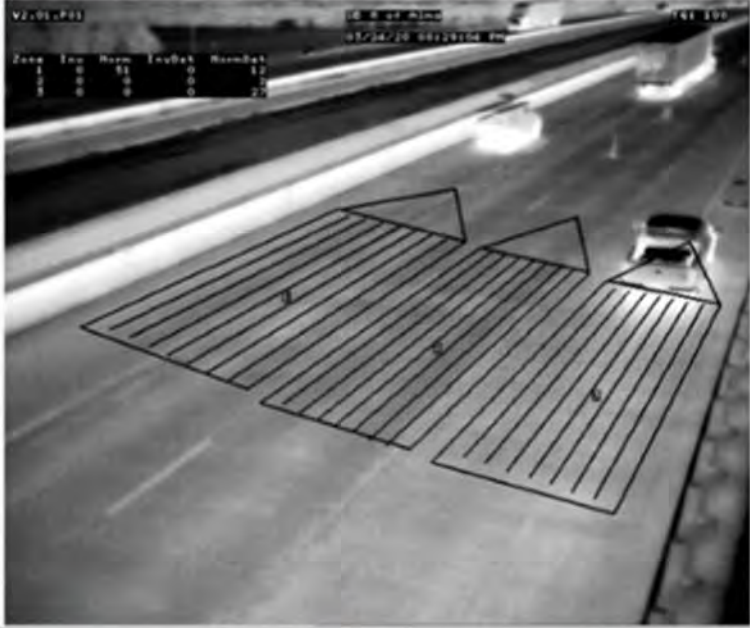
North in South Lanes

2 MPH

Video Clip

V2:05:03

Zone	Inp	Norm	InpDet	NormDet
1	0	51	0	12
2	0	0	0	0
3	0	0	0	23



Near Cameras

D1 PTZ MOCKINGBIRD SB

ITS D1 LOVERS LN SL

ITS D1 LOVERS LN SS

ITS D1 S OF NORTHWEST HWY NS

Dismiss

Confirm

View On Map

WWD Toll Gantry Detection



Alerted By The Public - Waze

Unplanned Event - NITA_2022-02-18_00014

Save Print Show Create a Secondary Event Close Go To Form 2111

Event Details Reporting Connected

Event Info Info Page 2 Response Plan Event History

Description: NITA_2022-02-18_00014

Description: WAZE Training Test

Type: Other Development Training Test

Source: System Alarm

Severity: Critical Auto

Verified By: System Alarm

Reminder: Estimated Duration: Private: In Workzone: Hazmat: Fatalities: 0 min 0 min

Vehicle Count: 0

Vehicle Description: State: Verified

Reported - T1: 2/18/2022 1:30 PM Verified - T2: 2/18/2022 1:30 PM

Roadway Cleared - T5 Incident Cleared - T6 Normal Traffic - T7 False Alarm Closed

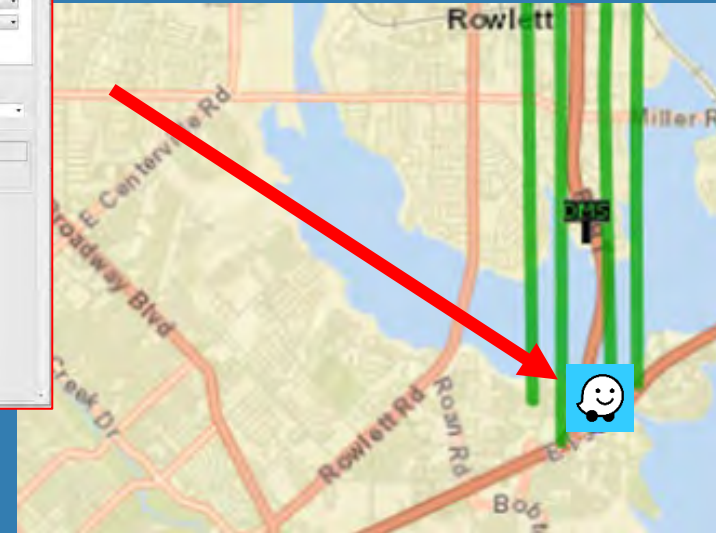
Affected Lanes: 101m Add Lane

Snapshots: No Snapshot Currently Assigned to this Event 0 of 0

Associated Events: Primary Event: Secondary Events: No secondary events

Location: Location Type: Point Line Region Location: County: All Roadway: PG&T Direction: West Cross Street: at Old Denton Rd Location: PG&T at Old Denton Rd Details

Weather Conditions Infrastructure Damage



DPS



- Authorized 70 FTE's
- Traffic Law Compliance
- Crash Investigations

Roadside Safety Services

- 24x7x365
- Two Offices
- Debris Removal
- Free Assistance
 - Gasoline
 - Flat tires
 - Minor repair
- Traffic Incident Management



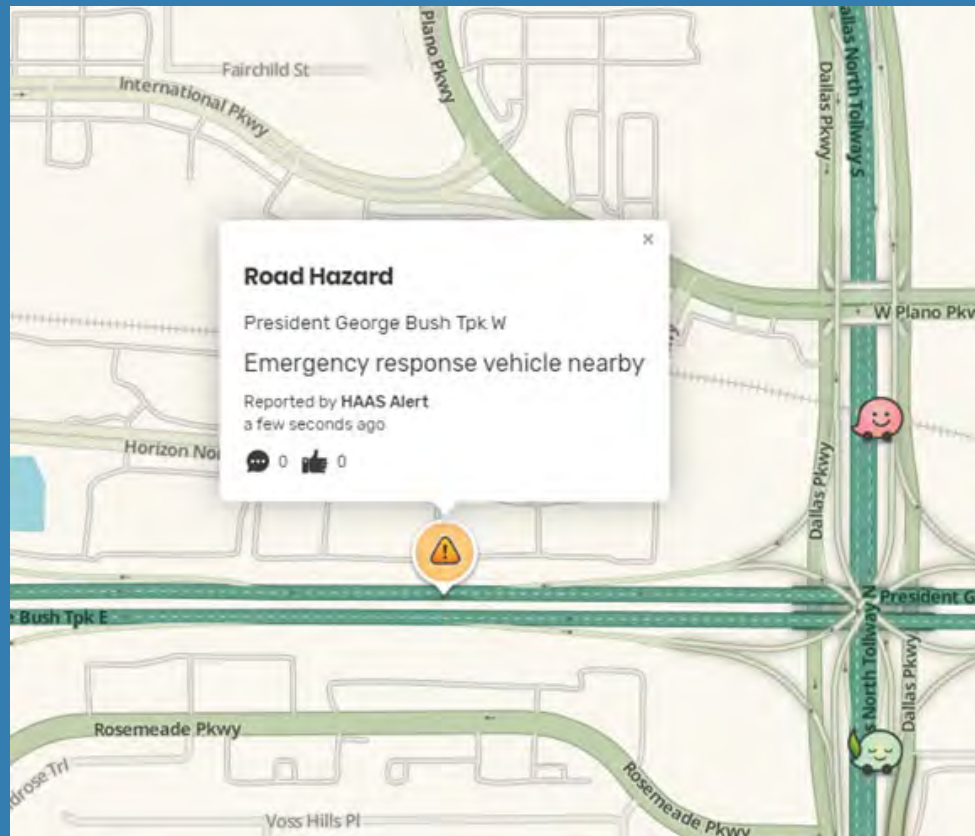
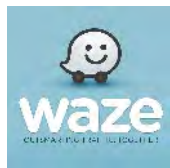


Tools and Equipment

RSS Safety Recovery Vehicles



Alerting the Public



Wrecker Services



Hazardous Materials Coordination



Other Agency Coordination





Incident Management



Incident Management

Debrief



Training





Traffic Engineering





Traffic Engineering

Traffic Engineering



Queue Warning



Roadway Capacity Reductions

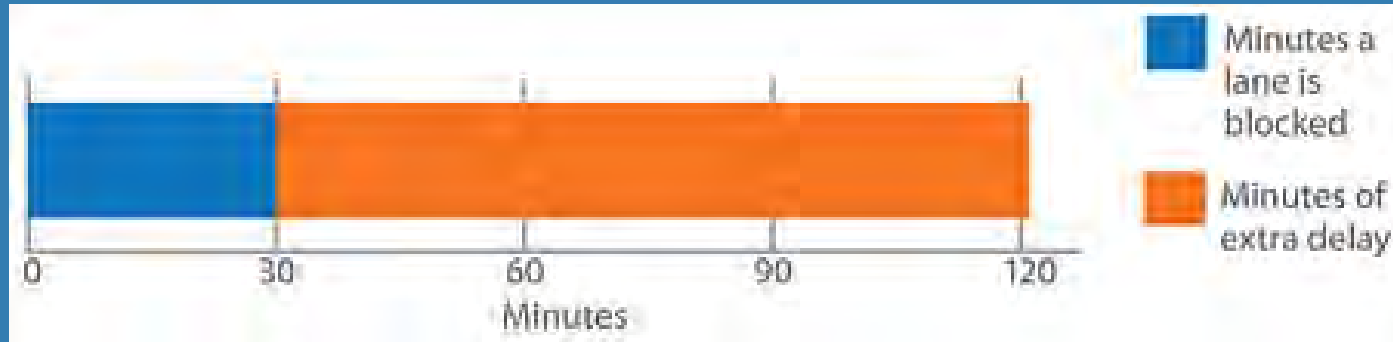
**On a three-lane roadway closing,
one lane reduces the capacity to 49%**

Number of Lanes	If Shoulder Blocked	Lanes Blocked		
		1	2	3
3	83%	49%	17%	0%

**Studies indicate that the likelihood of a secondary incident
increases 2.8% for each minute that a lane is blocked**

**Lanes
Blocked =
Delay**

1 Minute = 4 Minutes



Source:
U.S Department of Transportation
Federal Highway Administration
Traffic Incident Management Outreach Toolkit



Working Smarter



2022-02-17 08.50.00.973

ITS S1 Denton Tap PTZ

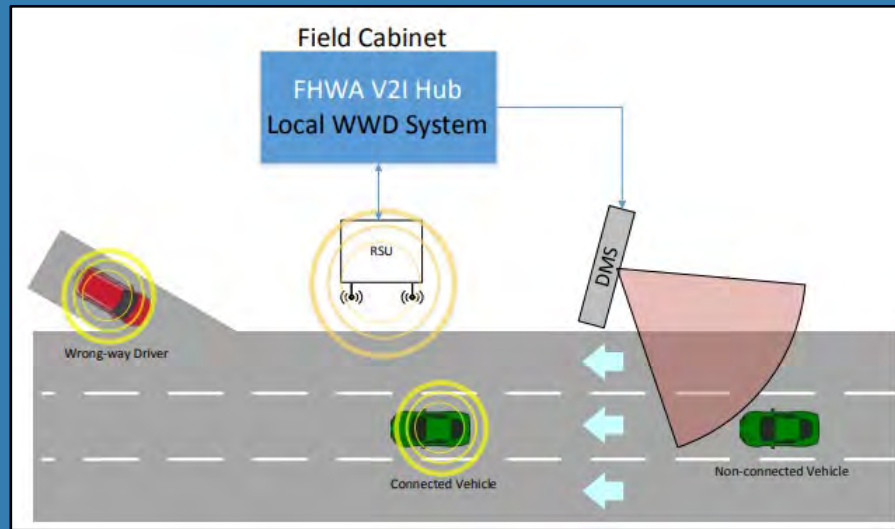


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ITS S1 Denton Tap PTZ

Future – Connected Vehicles

Images from Texas A&M
Transportation Institute Report
found at
<https://static.tti.tamu.edu/tti.tamu.edu/documents/0-6867-01-1.pdf>



Thank You
For Driving
With **NITTA**

Questions?



NCTCOG PRESENTATION

Friends of the Safety Committee

NATALIE BETTGER | Regional Safety Advisory Committee
| 04.28.2023

Statewide Texas Department of Transportation and Metropolitan Planning Organization Safety Focus

Members Include

Texas Transportation Commissioners (Commissioners New and Ryan)
TxDOT Directors and Districts
Metropolitan Planning Organizations

Reduce Deaths on Texas Roadways

By half by 2035

To zero by year 2050

Implement Short-Term Investment Immediately

Develop Partnerships

Track Progress and Measure Effectiveness

MPO Safety Action Plan

TTI Reaching Out

- 1) Complete the Survey then Meet
- 2) Meet and Complete Survey

TTI to Draft Action Plan

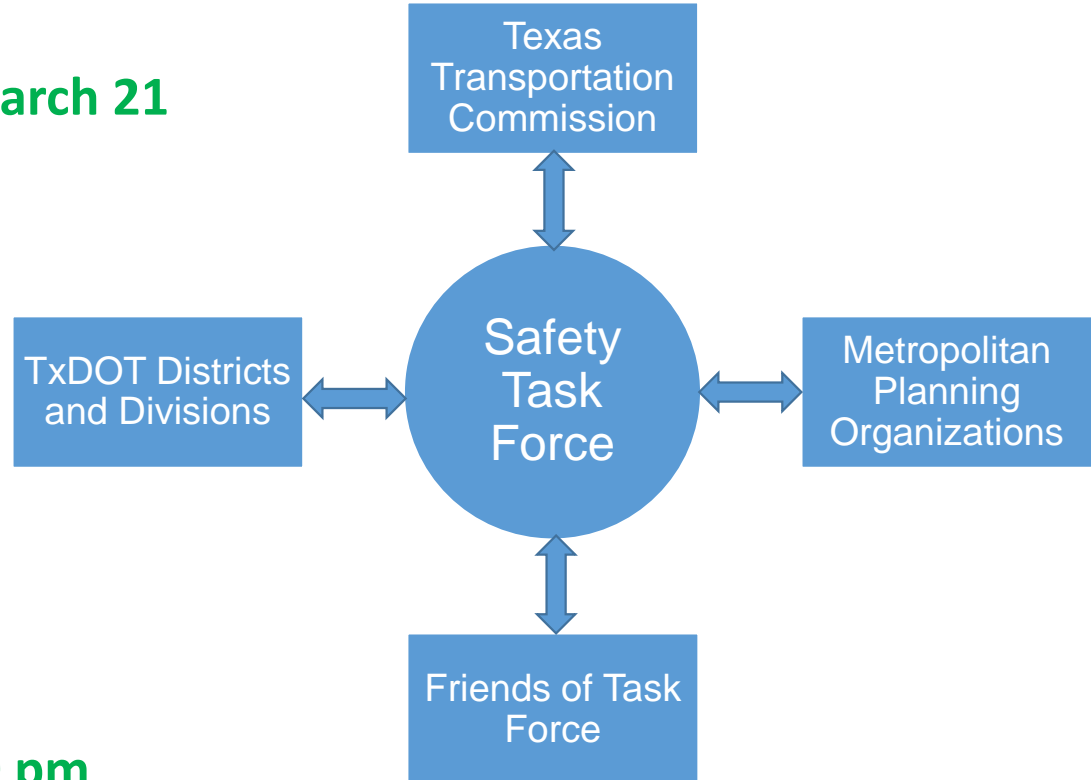
MPO to Review and Sign-Off on Action Plan

Finalize Action Plan

Complete by May-July 2023

TxDOT Statewide Safety Initiative – Proposed Team Approach

First Meeting was held March 21



Next Meeting
June 27 from 1:30 to 3:30 pm

\$50 Million Regional Transportation Council Safety Program (DFW Region) FY 24-26

Category	Final
Speed Enforcement	\$7 Million
Speed Education	\$2 Million
Bicycle/Ped Education	\$2 Million
Bicycle/Ped Engineering	\$10 Million
Freeway Operations Engineering and Intercity Connections	\$25 Million
Other	\$4 Million
Totals	\$50 Million

Next Steps

- Continue to engage interest in Friends of the Safety Committee
- Review NCTCOG Safety Action Plan
- Inventory Safety Plans and Projects Implemented by Partner Agencies
- Identify Projects, Programs, and Locations for Safety M&O funding
- Share Best Practices through RSAC

Contact Information – Safety Staff

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Regional Roadway Safety Plan 12 County Crash Data Analysis

Regional Safety Advisory Committee

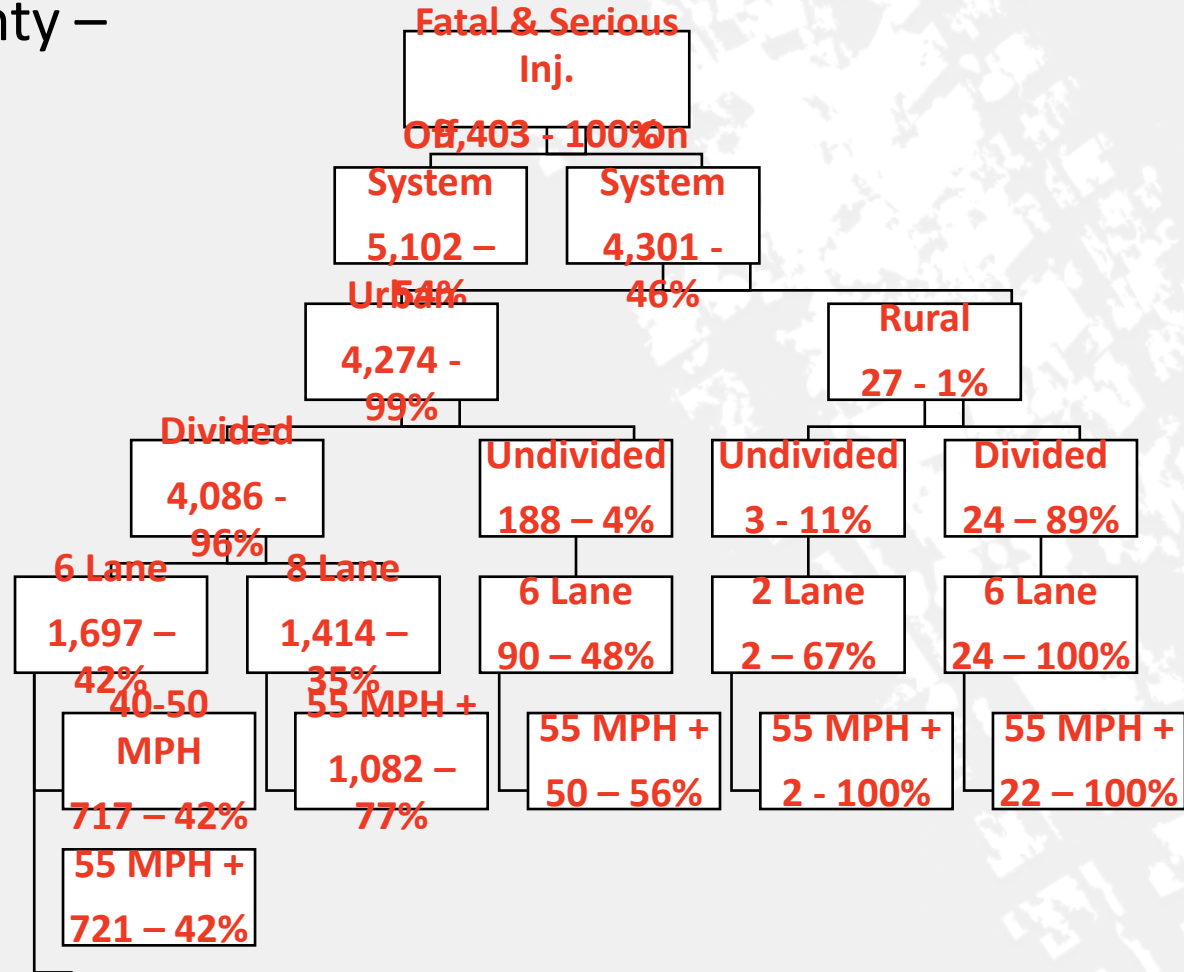
April 28, 2022

Michael Misantonis, Transportation Planner

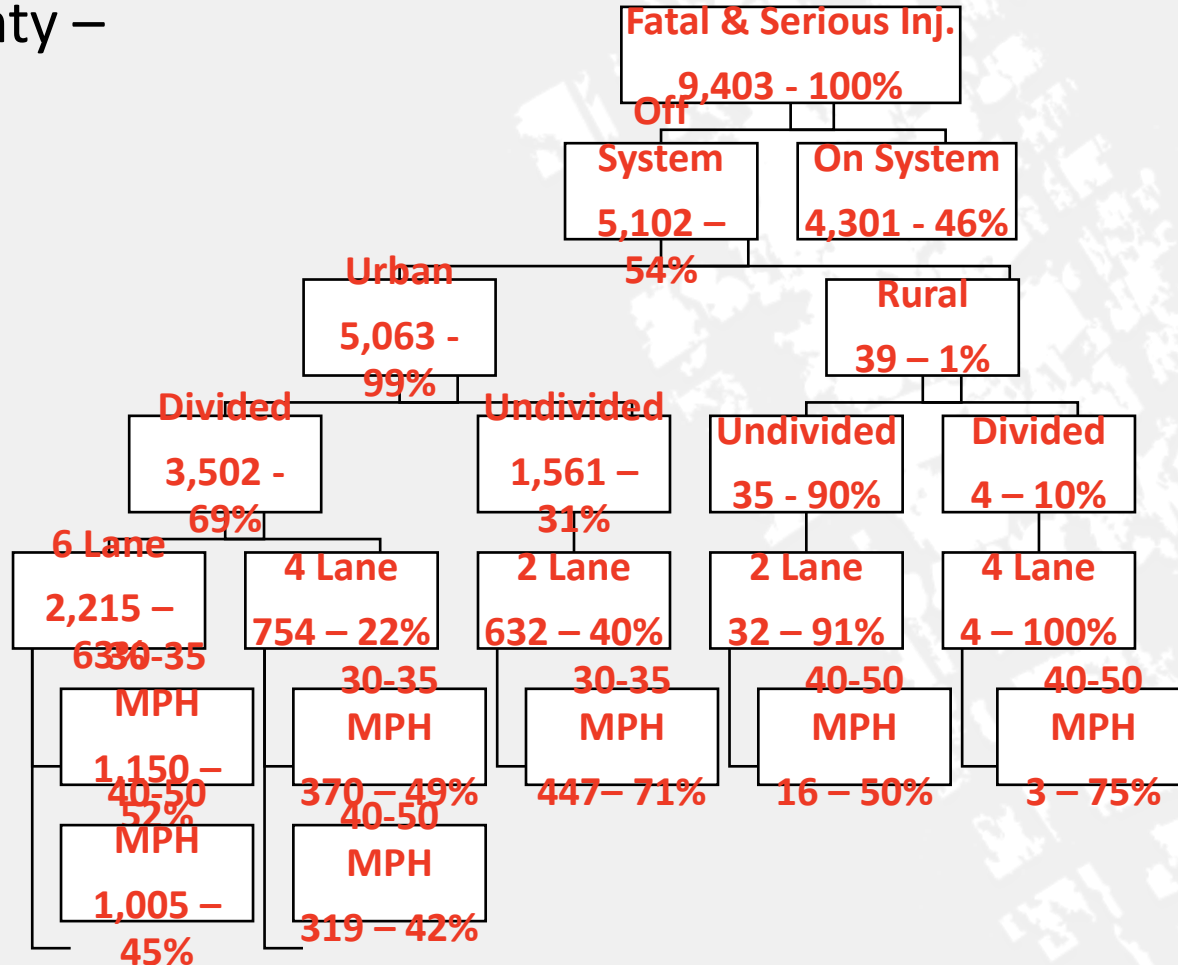
Percentage of Fatal and Serious Injury Crashes by County

	<u>Fatal and Serious Injury Crashes</u>	<u>Percentage of Fatal and Serious Injuries</u>	<u>On-System</u>	<u>Off-System</u>	<u>On-System Urban</u>	<u>On-System Rural</u>	<u>Off-System Urban</u>	<u>Off-System Rural</u>
All Fatal and Serious Injury Crashes	23141	100%	57%	43%	78%	22%	92%	8%
Collin	1990	9%	46%	54%	69%	31%	93%	7%
Dallas	9403	41%	46%	54%	99%	1%	99%	1%
Denton	1597	7%	65%	35%	75%	25%	85%	15%
Ellis	916	4%	86%	14%	62%	38%	45%	55%
Hood	230	14%	84%	16%	36%	64%	11%	89%
Hunt	546	2%	90%	10%	34%	66%	37%	63%
Johnson	977	4%	73%	27%	35%	65%	26%	74%
Kaufman	676	3%	90%	10%	27%	73%	33%	67%
Parker	414	2%	77%	23%	28%	72%	24%	76%
Rockwall	221	1%	87%	13%	74%	26%	90%	10%
Tarrant	5852	25%	56%	44%	96%	4%	96%	4%
Wise	319	1%	87%	13%	14%	86%	12%	88%

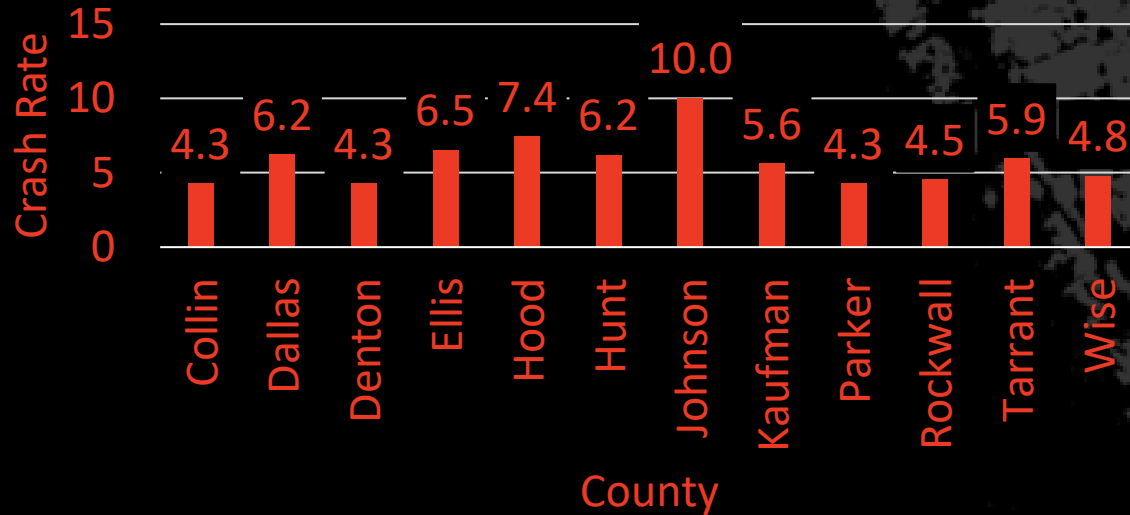
Dallas County – On System



Dallas County – Off System

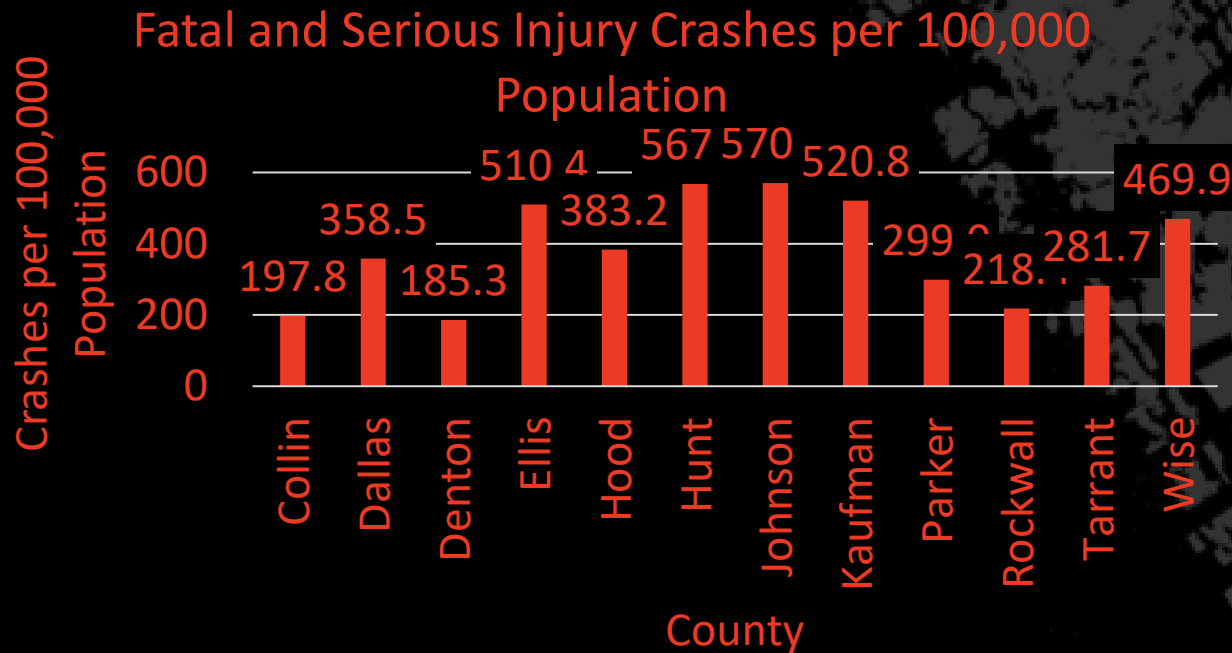


12 County Fatal and Serious Injury Crash Rate

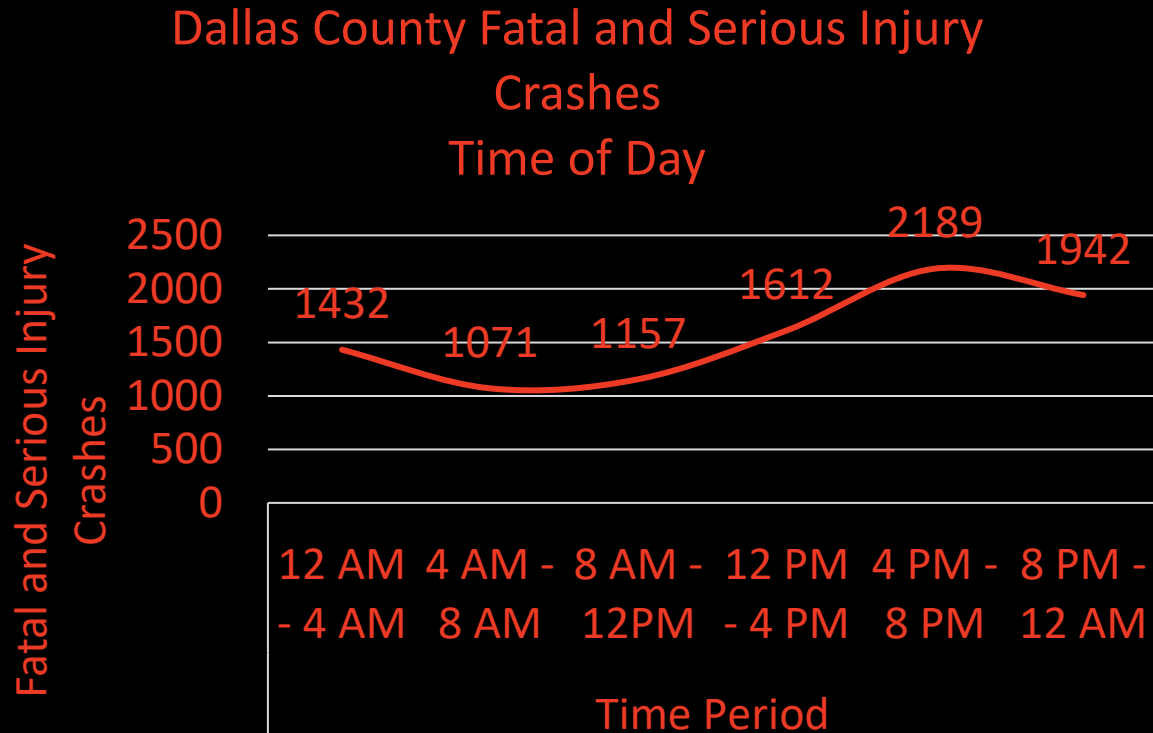


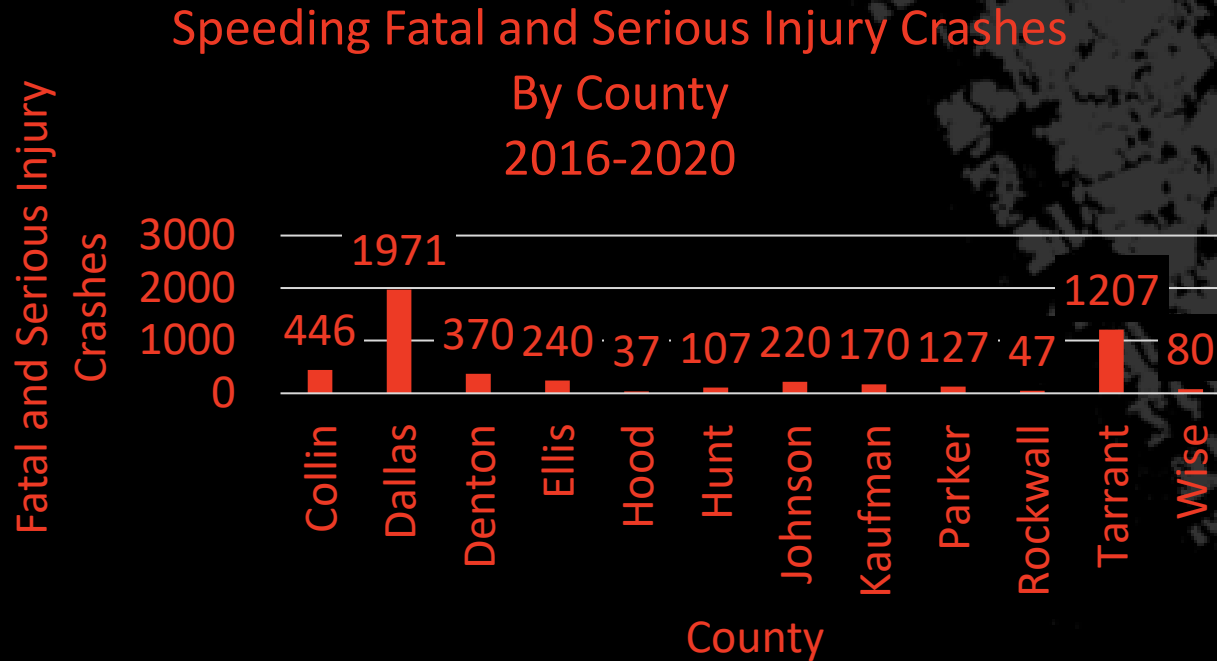
*Crash Rates are per 100 Million Vehicle Miles Traveled

Traffic Crashes



*Population Estimates
are from the IPUMS
American Community
Survey Data (2016-
2020)





NCTCOG Safety Program Contacts

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Nichols Elementary: 2022 Walk to School Day
1st Place Photo Contest Winner



NCTCOG PRESENTATION

Community Schools & Transportation Announcements

SHAWN CONRAD | RSAC | 4.28.23



WALK TO SCHOOL DAY 2023

- Annual event that involves schools and communities across the country and around the world walking to school on the same day
- Highlights the importance of pedestrian and bicycle safety
- Walk to School Day 2023 will be held on Wednesday, October 4
- NCTCOG helped schools participate with safety-themed giveaways in 2019 and 2022



Nichols Elementary: 2022 Walk to School Day
3rd Place Photo Contest Winner



BY THE NUMBERS – 2022



104 events were registered with the National Walk to School Day event tracker from Collin, Dallas, Denton, Ellis, Hunt, and Tarrant Counties

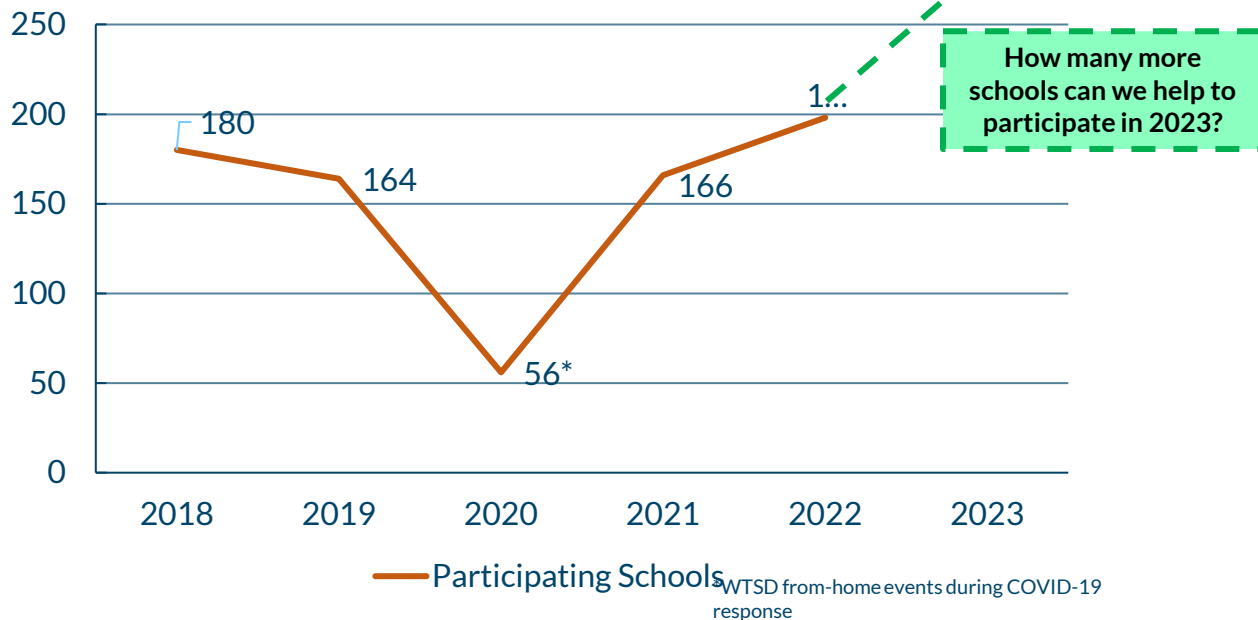


NCTCOG helped 20 schools celebrate Walk to School Day with safety-themed giveaways



NCTCOG received 973 unique entries into a bike raffle from 14 schools

Participating Schools in Texas by Year



2023 WALK TO SCHOOL DAY PROMOTION



Giveaways and Raffle for Participating Students!

- Giveaways will be awarded to schools that sign up to participate while supplies last.
- Walk to School Day banner to display during event
- Bicycle and pedestrian safety-focused giveaways
- Bike raffle entries for participating students
- **We are expanding on last year's program!**



Pink Elementary: 2022 Walk to School Day
2nd Place Photo Contest Winner



NOT SURE WHERE TO START?

- Visit www.WalkBiketoSchool.com for more information about Walk to School Day and how-to guides for starting your own event!
- **Municipalities:** Collaborate with local ISDs and schools in your jurisdiction to hold joint events and raise community awareness
- **Contact us** for assistance in planning your Walk to School Day events



PARTICIPATE WITH US!

- To be added to the Walk to School Day 2023 mailing list, fill out the interest form at www.nctcog.org/WalkToSchool
- Be the first to know when sign-ups open!

Interest Form QR Code:



Comanche Springs Elementary



School Crossing Guard Survey



About the Survey

Originated from city request for assistance

Purpose: learn more about current methods for crossing guard establishment and gauge need/interest for assistance in this process

Audience: municipalities, schools, ISDs, partners

Length: 15 questions, 10-15 minutes to complete

NCTCOG will use results to identify issues and gauge need for training and/or development of regionally-consistent process in this area

Survey Link:

<https://forms.office.com/r/RyAbCHa5x6>

Survey QR Code



CONTACT US



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