

MEETING SUMMARY
REGIONAL SAFETY ADVISORY COMMITTEE
Friday, October 27, 2023
10:00 am – 12 pm

The Regional Safety Advisory Committee met in person at the North Central Texas Council of Governments and virtually via Microsoft Teams at 10 am on October 27, 2023.

Meeting Summary Outline

1. Approval of July 28, 2023 Meeting Summary
2. NTE/LBJ/35W Partnership with Teens in the Driver Seat
3. Safe System Approach for Speed Management
4. Transportation Technology and Innovation Updates
5. Non-Core County High Injury Network Analysis
6. Preliminary Safety Targets/Quarterly Crash Report Update
7. 2023 HSIP Call for Projects
8. Update Items
9. Safety-Related Reference Items, Topics or Training Courses
10. Upcoming Safety-Related Events and Training Announcements
11. Other Business
12. Next RSAC Meeting: January 26, 2024 – Meeting format will be hybrid.

1. Approval of July 28, 2023, Meeting Summary – Chad Marbut, Vice Chair, City of Weatherford

The July 28, 2023, meeting summary was accepted as written.

2. NTE/LBJ/35W Partnership with Teens in the Driver Seat - Robert Hinkle, North Tarrant Express (NTE) Mobility Partners, LLC.

Mr. Hinkle, with NTE Mobility Partners Corporate Affairs, provided a video presentation that highlighted the National Teen Driver Safety Week Events sponsored in partnership with TEXPRESS, Teens in the Driver Seat, and the Birdville Independent School District (ISD). The events covered teen driver safety, distraction-free driving and a driver safety fair that included simulators of effects of drugs and alcohol, safety information, and a safety pledge banner signed by students. Over 2,000 students participated across three Birdville ISD high schools – Birdville High School (HS), Richland HS, and Haltom HS between October 17 – 19, 2023. The safety fairs exposed students to the impacts of impaired driving, not wearing a seat belt, and more. The program is free of charge and is made available to all students in high school.

The presentation can be found on the [RSAC web page](#).

3. Safe System Approach for Speed Management, Millie Hayes, Federal Highway Administration (FHWA)

Ms. Hayes, FHWA Safety and Traffic Operations Specialist, provided an overview of the FHWA Safe System Approach for Speed Management and the newly released report. A successful Safe System approach weaves together six principles - Death/serious injury is unacceptable; Humans make mistakes; Humans are vulnerable; responsibility is shared; safety is proactive; and redundancy is crucial.

Ms. Hayes also spoke on Speed Management which included design speed; operating speed; posted/regulatory speed; the relationship between design; operating and posted speeds; selecting a design speed; and target speed. She also shared information on the newly released Safe System Approach for Speed Management.

The report can be found at https://highways.dot.gov/sites/fhwa.dot.gov/files/Safe_System_Approach_for_Speed_Management.pdf.

The presentation can be found on the [RSAC web page](#).

4. Transportation Technology and Innovation Updates - Connor Sadro, NCTCOG

Mr. Sadro covered three innovation and technology updates to include **Work Zone Data Exchange Program (WZDx)**, which consist of three categories of services to involve converting raw work zone data into WZDx format; Establishing WZDx-compliant reporting system; and General WZDx services. Currently there are five vendors under contract: Blyncsy, iCone, Mixon Hill, Navjoy and One.Network. Next, he addressed **Situational Awareness Apps – Blyncsy Contract**, which covered “Payver” tech where NCTCOG assists Blyncsy with regional outreach to agencies to test the Payver Technology. Additionally, Payver by Blyncsy uses Artificial Intelligence Vision and crowdsource dash

camera footage to automate the surveying process in a standardized way. The Situational Awareness Apps also included the Plano/Blyncsy Case Study focusing on the City of Plano safety complaints, testing Artificial Intelligence over manual, mitigation of manual surveying cost and traffic Engineers having more time for repairs. Lastly, He covered the **NCT 9-1-1 STIC Incentive – TTIP Collaboration** this project would improve Emergency Response to Roadway Incidents Using Traffic Speed Deviation Alerts from Crowdsourced Data (“Project”) with the task to include Tool Development, NCTCOG 9-1-1 Tool Roll Out, Training Manual Prep, FSL Levelled Outreach and Final Report.

Situational Awareness Apps – Blyncsy Contract and NCT 9-1-1 STIC Incentive Program
The presentation can be found on the [RSAC web page](#).

5. Non-Core County High Injury Network Analysis - Michael Misantonis, NCTCOG

Mr. Misantonis provided a network of designated road segments with the highest concentrations of fatal and serious injury crashes, utilizing a five-year range crash data from 2016 – 2020 to help prioritize safety improvements in the region, in tandem with the findings of our systematic analysis. The methodology would create a grid density map of fatal and serious injury crashes in conjunction to identifying the road segments with the selected grids and the number of crashes that occurred on each road segment. Lastly, a scoring formula would indicate how each segment should be prioritized.

Michael explained how the prioritization scoring is comprised of the number of fatal and serious injury crashes + the number of Fatal Crashes + the number of serious injury crashes / by Vehicle Miles Traveled (VMT). A summary of the road segments crashes was provided, resulting in 616 total serious injury crashes and 169 total fatal crashes for a total of 785 total crashes.

The presentation can be found on the [RSAC web page](#).

6. Preliminary Safety Targets/Quarterly Crash Report Update - Kevin Kroll, NCTCOG

Mr. Kroll provided an update on the proposed 2024 Regional Roadway Safety targets based on the approved reduction schedule; a preliminary update on the actual performance of the 2022 safety targets; and a quarterly performance update for 2023 fatalities in the region. The target reduction schedule for 2023 – 2027 was approved by the Regional Transportation Council in February 2023. NCTCOG continues to support TxDOT targets, which includes the goal of reducing fatalities, fatality rates, and bike and pedestrian fatalities to 50 percent by 2035 and zero by 2050. and reducing serious injuries, serious injury rate and bike and pedestrian serious injuries by a two percent reduction from the trend line.

Mr. Kroll also provided an update on the preliminary performance of the 2022 safety targets which indicated the rate of fatalities, and the rate of serious injuries were better than the baseline, even though the target had not been met. Additionally, the number of non-motorized fatalities and serious injuries met target but were not better than the baseline. Both the number of fatalities and the number of serious injuries did not show areas of improvement under the target or the baseline, so overall this safety performance did not meet or make significant progress; Kevin also provided the inaugural quarterly performance report that highlighted regional fatalities and serious injuries for both vehicular and bike/ped crashes that occurred between 2022 and 2023.

The presentation can be found on the [RSAC web page](#).

7. 2023 HSIP Call for Projects - Brandi Bush, TxDOT Dallas

Ms. Bush, District Transportation Operations Engineer for the TxDOT Dallas District, provided an update on the 2023 Highway Safety Improvement Program (HSIP) a core Federal-aid program with the purpose to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned roads and roads on tribal land. The HSIP requires a data driven strategic approach to improving highway safety on all public roads with a focus on performance.

A funding breakdown of the HSIP for the Fiscal year of 2024 – 2027 was provided depicting 15 percent on Statewide Systemic, 50 percent on On-System Targeted, 25 percent On System Systemic, and 10 percent on Off-System. The type of work involved in HSIP for targeted selection and method, Systemic Approach and Approved system safety countermeasures involving intersections, roadway lane departure and pedestrian were discussed, including off system projects and examples of potentially eligible projects include (G-Match)

Ms. Bush also highlighted the project submittal process specifying all fields must be filled out as best as possible and the 2023 HSIP Program reminders which indicated required program submittals in TxDOTCONNECT Additionally, HSIP Program Guidelines were provided focusing on scope vs overrun; scope changes;, and change orders.

Tools: Crash Data and Analysis Dashboard are located at <https://tntoday.dot.state.tx.us/TRF/Pages/CRIS-Dashboard-Page.aspx>

The presentation can be found on the [RSAC web page](#).

8. Update Items – NCTCOG Staff

- a) CVE Un-Masking Training for Judges and Prosecutors – Michael Misantonis
 - Mr. Misantonis informed the committee of the upcoming Commercial Motor Vehicle Violations: Enforcement, Prosecution, and Reporting training opportunity in January. This interactive course is designed to provide prosecutors, judges, and law enforcement officers with a better understanding of commercial vehicle regulations and commercial drivers' licensing laws. Links to register, with the dates and times are included in the Upcoming Safety-Related Events and Training Announcements section of the agenda.
- b) FY24 Crash Reconstruction Technology Efforts – Camille Fountain
 - Ms. Fountain updated the committee on current efforts to bring a Crash Reconstruction Training Program to the region. Staff plans to host an Industry Forum on the current available technology within the coming month; with plans to release a Request for Proposals in the Spring timeframe.

9. [Safety-Related Reference Items, Topics or Training Courses Website](#)

- Safety related items are linked above.

10. Upcoming Safety-Related Events and Training Announcements

- a) [Traffic Incident Management Executive Level Course](#)
 - o November 2, 2023, NCTCOG Offices

- b) [CVE Training for Judges and Prosecutors](#)
 - o January 29, 2024 (1:00 pm - 3:30 pm)
 - o January 30, 2024 (9:00 am 0 11:30 am)
- c) [Traffic Incident Management First Responder and Manager Course:](#)
 - o [February 1-2, 2024](#), NCTCOG Offices

11. Other Business

12. The next RSAC is scheduled for January 26, at 10 am. Meeting format will be hybrid

Members in Attendance at the October 27, 2023, RSAC meeting

AGENCY REPRESENTING	MEMBER
City of Richardson	Pritam Deshmukh
FHWA – Tx Division	Amelia Hayes
Town of Flower Mound	Matt Hotelling
City of Terrell	Steve Johns
Johnson County	Jennifer VanderLaan

NCTCOG Staff in Attendance at the October 27, 2023, RSAC meeting:

Natalie Bettger	
Shawn Conrad	
Camille Fountain	
Sonya Landrum	
Michael Misantonis	
Collin Moffett	
Vickie Morris	
Connor Sadro	

Due to unknown technical difficulties, virtual attendance records and the recording for the meeting were not available.