

TRCC Executive Committee

Meeting Minutes

1:30-3:30 p.m. Tuesday, May 10, 2022 via Webex

1) Call to order and distribution of sign-in sheet

a) Virtual roll call/sign-in sheet and introductions

Larry Krantz called the meeting to order at 1:31 pm. Meeting attendees introduced themselves.

b) Remarks from TRCC Chair, Michael Chacon, P.E., TxDOT-Traffic Safety Div. – Unable to attend due to a Hurricane Workshop

c) Remarks from Letty von Rossum, TxDOT-TRF-BTS

Letty von Rossum stated that their division is working on the 2023 Highway Safety Plan. The plan will go forward at the May commissioners meeting for HSC funding. Letty expressed appreciation to everyone for their continued support and involvement in the TSIS update.

d) Remarks from NHTSA, Becky Walker

Becky Walker stated that they just completed a successful management review; final report is being reviewed and will be sent to senate. NHTSA will be participating in the Click It or Ticket kickoff in Austin, Brownsville, and Fort Worth then next few weeks.

e) Remarks from FHWA - Not present

f) Remarks from TRCC Moderator, Larry Krantz

Larry Krantz echoed Letty in thanking members for their involvement and working with Eva in the TSIS update process. The TSIS document is included in the HSC packet that allows Texas to receive funding for the TRCC and associated projects. Next spring the TRCC will go through the 5-year NHTSA STRAP review. This is our last meeting of FY22; see agenda item 6a for FY23 meetings.

g) Approval of March TRCC Meeting Minutes

Letty von Rossum motioned to approve the meeting minutes; Jim Hollis seconded the motion. All approved. No opposed. Minutes were approved as presented.

2) TRCC Member Roundtable

a) Roland Luna & Clint Thompson, TxDMV

The department is deeply involved in operational enhancements and improvements related to fraud prevention, detection, and investigation. They are undergoing initiatives to provide access to data for law enforcement officials for investigative purposes through secure portals.

They are conducting stakeholder outreach meetings with agencies, trade associations, and other associations to explain to everyone what DMV is doing with the anti-fraud strategy. DMV has seen a stark change in the amount of fraud and misuse. DMV updated their performance measures within the TSIS. They are looking at automating inspection checks and salvage and stolen checks. In the TSIS they also referenced using crash data to facilitate obtaining damage component parts to ensure prevention of falsified repairs and use of stolen parts on vehicles.

b) David Freidenfeld, TxDOT

The division has formalized a statewide GIS program to organize GIS training, application, data sharing resources. There is a robust arcGIS online database available for use. The program manager, Jenn Lash (jennifer.lash@txdot.gov), is glad to connect with interested TRCC members. The division is wrapping up year-end 2020 data files that are sent to Traffic Safety for crash analysis. This year they turned attention to off-system city streets and added 5500 miles of roadway to inventory this year. There is not a firm estimate for 2021 VMT but expect it to be back to 2019 levels.

c) Cpt Tullos & Lt Taylor, HSOC

HSOC is still working to roll out their new record management and CAD system discussed last meeting. All data for the department will be stored in the system that will capture data on every traffic stop down to the call level, resulting in more granular information. They still plan to go live in October. It will be able to integrate into existing Tableau subscription so data will be publicly available. They are in the process pursuing the unmanned vehicle crash record reduction program. They anticipate they will be able to share that data once collected.

d) Jia Benno, DSHS

DSHS is emphasizing disseminating EMS and trauma data. Jia will be presenting data to Governor's EMS & Trauma Advisory Council (GETAC) later this month; she was also able to present at GETAC and associated committee meetings recently. DSHS staff is working hard to process data requests promptly and have several posted epidemiology positions they are hiring for.

e) Jim Hollis, TxDOT

The division has received lots of requests for analysis. The Highway Safety Improvement Plan and Strategic Highway Safety Plan are both in process. They are also working on hiring open positions. TxDOT will be moving to new office and being in-office two days a week. Jim is working on TSIS updates and will have those to Eva no later than the end of this week. Lastly, the division is working on continuing enhancements to CRIS, providing additional security measures, location, etc.

3) TSIS Status & Deadlines (Shipp)

Eva stated that the TSIS is in a good position and on track to get the final draft to Larry by Monday. After Larry reviews the final draft, the draft will be sent via email to all voting members for final review and approval vote. If members would like to view the current draft, it is attached to the calendar invitation for today's meeting.

4) TxSTORM Update (Perez)

TTI met with DSHS last month to get clarification on data shared to be integrated into the TxSTORM dashboard. Eva and Mahin are working through recoding the data that will be classified in the dashboard. Marcie started working with vehicle registration data from past two years. She is still figuring out how to visualize the data but reviewed the dashboard content with meeting attendees. If attendees have ideas for what to do with registration data, email Eva (e-shipp@tti.tamu.edu) or Marcie (m-perez@tti.tamu.edu).

Q: Are the numbers percentages? A: Yes, fatal crashes/registered vehicles. Marcie will be adding multipliers.

TTI will be developing a short reference doc to accompany dashboard.

5) Update on Repeat Crashers Database (Shipp)

Eva, Mahin and Marcie are working on tightening up analysis of those involved in repeated crashes in which at least one crash resulted in a fatality. The initial data only included motor vehicles and now they have added motorcycles. The data was separated out into drivers with their own fatality within last 3 years and those that were involved in fatal crash where they were not the fatality. The data shows there were 2682 people who were involved in fatal crash in the last 3 years but they are not the fatality AND they've been involved in more than 2 crashes in the last 10 years. The following categories are overrepresented in this dataset: Males; White; Black; 21 – 29 year olds; intersection related crashes, 2 and 4 door passenger vehicles.

Q: Can you tell if drivers were wearing restraints or distracted? A: Yes, TTI is looking at restraints as well as MC helmet use, contributing factors for impairment, distraction, speeding, etc.

TTI can build a dashboard so TRCC members can query in different ways

Right now researchers are starting with drivers (the smallest data set) but analysis will be expanded to passengers.

Mahin is applying machine learning methods to crash narratives to deidentify them; and ultimately exploring how to use this data to plug-in to predictive models and utilize advanced machine learning methods.

Q: Have you considered ratio of registered vehicles per driver? Anecdotally, many drivers have multiple vehicles registered to their names. One person may have an RV, pick-up and sports car registered to them. A: Marcie will explore that, perhaps using average registered vehicles and use it over percentage to see what it looks like and analyzing crash rate by vehicle type.

Marcie checked data and there is 5% overrepresentation on 2 and 4 door passenger vehicles, which prompted a discussion about looking at socio-economic status and vehicle defect related contributing factors. Nishita is looking at economic data or surrogate variable. Looking at developing economic indicator data by residential zip code

DPS can release the citation history if TTI sends a list of names to Cpt Tullos or Lt Taylor (Mahin or Eva will reach out)

DPS moved to all SUV fleet because they are “more survivable” vehicles – could be seeing the same thing with citizens in this dataset.

6) Adjourn

a) Next TRCC Meetings (going to send out calendar invites later today)

i) Tuesday October 25, 2022 at 1:30pm

ii) Tuesday January 24, 2023 at 1:30pm

iii) Tuesday March 28, 2023 at 1:30pm

iv) Tuesday May 9, 2023 at 1:30pm

b) Larry Krantz reiterated the TSIS timeline. Submit any TSIS revisions by end of week, open voting will occur next week, and we need all voting members to reply to email with a direct approve or deny response. Deadline for voting is May 20 to allow it to go up through proper approvals and arrive on director’s desk by May 27th.

c) Larry Krantz thanked everyone for their time and participation in the meeting. As this is the end of the FY22 TRCC season, Larry expressed special appreciation that everyone comes to these meetings with; it allows for great collaboration.

d) The group provided well wishes to Jim Hollis in his retirement. Jim Hollis said thank you. He is unsure of position being posted, interim, etc. but that information should be available soon.

e) Cpt Tullos moved to adjourn. Jim Hollis seconded the motion. All in favor; none opposed.

Meeting adjourned at 2:50 PM.