

NC TRCC Draft Meeting Notes

Tuesday, Feb. 4, 2020

9:30am to 11:30am

Magnolia Room, North Carolina Judicial Center (AOC)
901 Corporate Center Dr, Raleigh, NC 27607

Attendees Present (24):

Janna Allison, NC DMV
Jennifer Barbour, NC AOC
Chris Bell, NC DOT Rail Division
Ariel Christensen, NC DHHS
Brian Crissman, NC SHP
Alan Dellapenna, NC DPH
Mark Ezzell, NC GHSP
Greg Ferrara, NCSU ITRE
Katie Harmon, UNC HSRC
Faith Johnson, NC DOT
Nancy Lefler, UNC HSRC
Erin Lesh, NC DIT-T
Ryan Koschatsky NC DOT
Kelly March, UNC HSRC
Brian Murphy, NC DOT
Chris Raichle, NC DOT Rail Division
Randa Radwan, UNC HSRC
Eric Rodgman, UNC HSRC
Warren Smith, NC GHSP
Roger Smock, NC DOT Rail Division
Vish Tharuvesanchi, NC DOT IT
Mike Thomas, NC DIT
Shawn Troy, NC DOT
Anna Waller, UNC CCHI

9:30 am Welcome / Introductions / Updates – Eric Rodgman and Nancy Lefler, UNC HSRC

- Eric Rodgman welcomed the group and invited introductions from all attendees. Eric noted the presence of Kelly March, a new member of the UNC HSRC communications team who will contribute to the strategic plan, and announced that NC SHP's Eric Schaberg, a long-standing member of TRCC, is going to retire in May. Brian Crissman will assume Schaberg's crucial role of offering a highway patrol perspective on the committee.

9:40 am Updates from NC GHSP – Mark Ezzell / Warren Smith

- Mark Ezzell noted that he believes the NC TRCC is in the top tier of TRCCs and moving things forward in the state. Mark announced that there have been several recent staffing changes at GHSP. Mark Scaringelli left GHSP for DMV. Stacy Deans was promoted into this role and is now serving as assistant director. Warren Smith was then promoted into Stacy's former position, leaving his position vacant. GHSP has interviewed for the role and hopes to select a candidate

later this week. Mark said that there have been over 130 applications for GHSP grants so far this year (when asked, he said this number of applications is about the same as what GHSP normally receives in recent years, and added that he has been impressed with the varied focus of this year's applications). GHSP plans to go through the applications "with a fine-tooth comb" soon.

9:45 am Updates on Current TRCC / NC Projects: Jennifer Barbour (AOC – printers, eCitation), Greg Ferrara (NCSU ITRE – Vision Zero) , Anna Waller (UNC CCHI – Crash & Medical Data Link Project update), and Nancy Lefler (UNC HSRC -- E-crash Project).

- **AOC – printers, eCitation**
 - Jennifer Barbour said there has been a lot going on at AOC. Historically, eCitation has been done in-house and last week AOC signed a contract with Brazos Technology to do this work. Jennifer noted that going with a vendor solution will enable people to do a lot more. Jennifer will be in the process of configuring eCitation process and wants to make sure users have something that works well for them. She will be main contact with Brazos. Jennifer said that almost 90 percent of citations come through eCitation at this point, almost 1.3 million a year. Jennifer said that the current printer process has been working well and thanked GHSP for their generosity to law enforcement in this regard.
- **NCSU ITRE – Vision Zero**
 - Greg Ferrara said ITRE has continued supporting Vision Zero in various capacities. One way is managing the ncvisionzero.org website. Greg said the website serves, in part, as a place for the public to access data visualizations related to crash reductions. He said it also allows highway patrol to track progress on crash reduction goals. Greg noted that ITRE continues to work to make the visualizations more actionable and has been testing on MPO/RPO audiences. They are also working to add "same period last year" functionality, allowing for quick assessment of how a group was doing this year compared to last year. They have also been moving toward a predictive approach. In the past, highway patrol had to wait until June or July to get goals because of alignment with their highway safety plans, but the predictive approach allows them to go in when the data comes in to access predictive goals. Now working on improving forecasting method. Every year ITRE does an observational study of seatbelt use in different counties and is currently working to make interactive measures. We started taking over seatbelt observation studies roughly 4 or 5 years ago, so visualizations will go back to that date eventually. Mark Ezzell said GHSP has seatbelt data many years back, which could add to project. Next week, ITRE is looking to roll out a highway patrol focused relationships dashboard looking at what are the relationships between enforcement activities and crashes (where do those relationships exist if they do exist). Greg noted that NC DOT has an emerging Tableau project that they want to enable users throughout the state system with the access and capabilities to use Tableau internally and externally to selected clients. Connecting with this project has reduced ITRE's cost for Tableau licensing fees dramatically. Mark Ezzell asked if ITRE has done any evaluation of who the public users of the interface are and what their experience has been. Greg said they have standard Google analytics metrics and hits that provide some insight.
- **UNC CCHI – Crash & Medical Data Link Project update**
 - Alan Dellapenna explained that they began a strategic approach ago to see how to connect medical/health data and crash more readily in NC several years. For context, he said roughly a third of the questions on NHTSA assessment have to do with health data and the team realized through the last assessment that NC score has been steady the

last few times because of these questions and sought improvement. This resulted in two projects TRCC has been supported. The first was a proof of concept project focusing on bike and pedestrian data to see if data could be matched. The second was an expansion of that proof of concept project. CDC came out last year with a project pretty much designed for NC based on this work, and Katie Harmon and Anna Waller are now working with 250k a year to build on what has been done with TRCC funding. Allan said they are hoping to move assessment scores dramatically because of this work, potentially as much as a 70 percent increase. Alan said there are three main reasons why it's so difficult to connect health data in NC: we don't have a centralized system, health data HIPPA is protected, in early 2000s NC got legislation through for hospital system, not state, to own data. The state's that have connected health data do not necessarily have all of those barriers in that area.

- Anna Waller added to Alan's remarks emphasizing that gaining the CDC funding was really laid by the work TRCC made possible. Anna said they have completed work with emergency department and crash data linkage and has a report on this work ready for journal submission. Anna said they did small projects with EMS data. Fact sheet from what we learned with ESO data. If you would like digital copy of handout (contact Anna). Now working with trauma registry to create link data and we'll see what we get out. We've been approved to receive Medicaid claims data and hope to work on those linkages. A main reason we want to look at Medicaid is its one of the few sources that has actual data on costs paid. Anna added that data documentation work has been very successful, with 12 data sources now fully documented and now posted on website.
- **UNC HSRC -- E-crash Project**
 - Nancy Lefler said UNC HSRC is in the beginning stages of a project for DOT along with DMV to update and modernize the state's crash database system, adding that this project is funded through GHSP and others. Nancy said project started in October with a kickoff meeting and there have been several follow up conversations to get information about crash data processes. Nancy said the next main step in the process will be a peer exchange with others who have university-based models (including Utah, Connecticut, Louisiana and Wisconsin, as well as Minnesota even though they don't have a university-based model because they have someone from the university involved in their process) on Feb. 26-27 at RENCI. Nancy said goal of peer exchange is to have what went well, what went wrong, if you could do it all again what would you change discussions to help project get started on the right foot. Nancy said the project, currently in a planning phase, is going to be a large, several years project with phased stages and that the team will be reaching out to the TRCC members during process. Nancy estimates that if all goes to plan the e-Crash site will go live in 5 years.

10:50 am Needs for Updating the New 2020 NC TR Strategic Plan (due June 15, 2020) – Eric, Nancy, Warren:

- 1) Eric reminded attendees that the HSRC team will soon send out an email calling for an update on all traffic records projects. Team will want to know of any recently completed projects to be archived, status updates on ongoing projects, and relevant new projects. Request to include:
 - Need to share any new system development projects under way in your agency.
 - Need for each agency to share / create performance measures that are acceptable by NHTSA so that they can be included in the next TR Strategic Plan. The State Traffic Records Coordinating Committee "Strategic Planning Guide" Kara Peach presented and

discussed at the last TRCC meeting can be viewed at:

<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812773A>

- Continued emphasis on addressing the 2017 TR Assessment recommendations.
- 2) Update on the MIRE FDE Data Collection Plan for NC (as required).
 - Currently collecting ADT estimates for all public roads.
 - 3) Next TRCC Meeting is Wednesday May 6, 2020 at UNC HSRC from 9:00 am till 4:30 pm (lunch is provided). **Please mark your calendars.**

11:00 am Performance Measure / Goals for the TR Strategic Plan Overview – Nancy Lefler

- Nancy noted that one of the most consistent feedback remarks received on past plans is the need for more performance measures. The model performance measures for traffic records systems address six performance attributes: timeliness, accuracy, completeness, uniformity, integration, and accessibility. Nancy noted that NHTSA guidebook offers useful suggestions and example performance measures for each of the model six attributes. Nancy is hoping that the next plan will include more performance measures and welcomes assistance from anyone who wants to help agencies develop useful performance measures. Nancy and Mark Ezzell both emphasized that the performance measures should help the agencies and be useful internal goals to help with quality tracking rather than just be something included for the sake of NHTSA.

11:15 am Roadway Upcoming Data Improvement Program (RDIP) Meeting Update – Nancy Lefler and Erin Lesh

- Erin explained that FHWA offers the RDIP program and NC took up the program in or around 2014, right around the time when the program came out. The program has evolved since then, which is one of the reasons we want to do another RDIP. Erin said she and Brian Murphy are in a good position to help facilitate and coordinate among different users. FHWA will have a team come to NC DOT as part of this project, most likely at the end of March, for a group workshop. The goal outcome of that workshop is to produce a useful report that won't sit on a shelf. Nancy added additional context for the two-day workshop, saying that the first day is an all day workshop, mainly to hear from the team about data collection, data use, data governance, and performance measures and complete a few group exercises to get attendees working together. The audience for that session will be broad – anyone and everyone who touches roadway data – and an invitation is extended to TRCC members. The next day of the workshop will bring together more focused groups (state and local managers). The teams will write a report with a list of recommendations and then come back together so there is an opportunity to give feedback on that report to make sure recommendations were captured correctly and fully. Following the workshop, attendees will receive the updated, finalized report. Roger Smock suggested that Rail might be a good first RDIP project.

11:25 am

11:30 am Thanks and Adjourn

Key websites to note:

- 1) Link of the medical and transportation data:

<http://cchi.web.unc.edu/transportation-health-data/>

2) Link for the NC TRCC – past TR assessments, TR strategic plans, and TRCC meeting minutes:

<https://connect.ncdot.gov/groups/NCTRCC/Pages/default.aspx>

3) Link for the Performance Measures Report for each of the six-pack of data metrics:

<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/811441>

4) Link to the NCSU ITRE crash data web tool:

<https://ncvisionzero.org/data-analytics/visualizations/>

5) Toolkit Report (from Kara Peach at VHB) for TRCC groups:

<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812773A>

Minutes prepared by Kelly March, Nancy Lefler, Randa Radwan, and Eric Rodgman.