

## **MEETING SUMMARY**

### **Bicycle and Pedestrian Advisory Committee**

**November 16, 2022**

The Bicycle and Pedestrian Advisory Committee (BPAC) met in the Transportation Council Room at the North Central Texas Council of Governments at 2:00 pm on November 16, 2022.

See Page 5 for meeting attendance.

#### **1. Welcome and Introductions – Robert Caskey, Chair, City of Frisco**

Robert Caskey welcomed attendees and introduced himself as the Chair of BPAC, and Chad Marbut as the Vice-Chair. The August 2022 meeting summary was accepted as submitted.

#### **2. TxDOT 2023 Transportation Alternatives (TA) Call for Projects – Noah Heath, TxDOT**

Noah Heath announced TxDOT will have approximately \$250 million for the statewide 2023 TA Call for Projects. Any projects involving planning, or construction of bicycle, pedestrian, and/or micromobility improvements are eligible to apply. Applications can be submitted under one of four project categories, these include community based, large scale, network enhancements, and non-infrastructure. TxDOT's evaluation criteria emphasize projects that will improve safety, access, mobility, and comfort for people of all ages and abilities. Transportation Development Credits are eligible to specific communities and will allow for 100 percent federal TA funds to be applied to a project in lieu of a local match. The deadline for the preliminary application is January 27, 2023.

The TA Program Guide, application materials, and recorded informational workshops are available on the [TxDOT's Bicycle and Pedestrian Funding Page](#).

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC)

#### **3. Green Pavement Markings at Intersections for Non-Motorized Users Update – Dr. Katie Kam, University of Texas at Arlington**

Dr. Katie Kam shared her findings and updates from her research at UTA on green pavement markings at intersections for non-motorized users. Statewide, crash data shows a 15 percent increase in bicyclist fatalities in 2021 compared to 2020. Intersections can be particularly difficult and uncomfortable locations for people bicycling. Green pavement can solve this issue by increasing visibility and the safety of bicyclists and reduce conflicts with motorists. Study areas were identified across Texas cities with green bike facilities or have bicycle master plans that reference green bike facilities. Locations selected include Austin (11 sites), Houston (three sites), Fort Worth (two sites), and San Marcos (four sites). Software was utilized by UTA to identify behavior. Negative observations include bicyclists not using the markings, being on their phone, and traveling in and out of the bicycle lane. Dr. Kam reported there was an instance of a bicyclist using the green bicycle lane, but going in the opposite direction. Positive observations were noted as well. For example, some bicyclists were correctly waiting in the green marked area at traffic intersections. YOLO software, which can detect a person, bicyclist, car, and more, was noted by Dr. Kam as the

most effective in collecting data. TxDOT will be working with UTA to test and evaluate the pavement markings. Factors being studied during the materials testing include durability, skid resistance, color consistency, retro reflectivity, weathering, and density of material. TTI is also developing a study for the Florida DOT on green pavement markings. The study is anticipated to be completed by the end of 2022. The goal of the study is to provide a manual that will provide guidance on best practices, installation methods, and costs.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

#### 4. **Local Community Updates – Various BPAC Members and Guests**

##### a. **Dallas Bike Plan Update and Dockless Vehicle Update – Jessica Scott, City of Dallas**

Jessica Scott provided a brief overview the City of Dallas coordination for the return of dockless micromobility vehicles. Between Fall 2021 and Winter 2022, City staff established a working group, identified issues to be addressed, reviewed national best practices, and developed recommendations. The proposed changes to the city code were adopted by city council before opening up the permit application process to vendors. Jessica also highlighted recent public engagement efforts by the City of Dallas to gather input on existing issues, opportunities, and a vision statement for the draft update to the City's Bike Plan. During the outreach process the City of Dallas held various pop-up events, such as at White Rock Lake and multiple recreation centers. The City received over 2,500 completed online surveys and over 1,300 suggestions were made to an online map.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

##### b. **UTA-Downtown Arlington Bike Network Research – Anna Laura Harmjanz, NCTCOG**

Anna Laura Harmjanz shared her student research from University of Texas at Arlington (UTA) with coordination efforts to improve safety and comfort for people bicycling in Arlington. UTA is rated a bronze-level bike friendly university with 85 percent commuter students. However, Arlington is rated as the 13<sup>th</sup> deadliest city for cyclists in the US. Anna Laura distributed a survey gauging the perception of bicycling in Arlington through Reddit and received over 200 responses from the UTA community (both students and employees). Respondents gave their comfort levels on hypothetical scenarios through pictures between the differences of protected bike lanes and barriers as well as unprotected infrastructure. Based on the results of the survey, the streets that need safety improvements in Arlington include S. Cooper Street, E. and W. Mitchell St., Abram Street, and Center and Mesquite Streets. The top barriers for bicycling in Arlington are unsafe driver behavior, disconnected bike lanes/paths, and lack of safe bike parking. The UTA Bicycle Coordinating Committee is a student organization in partnership with university staff, faculty, and city staff.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

**c. Upcoming Events – Chad Marbut, BPAC Vice-Chair**

Chad Marbut presented upcoming regional events and trainings, and national conferences.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

**5. Lessons Learned: Glenville Drive Protected Intersection – Daniel Herrig, City of Richardson**

Daniel Herrig gave an update about the best practices and lessons learned from the Glenville Dr. / E Collins Blvd. protected intersection project in Richardson. Daniel provided background on the Innovation Quarter (IQ), an industrial area being rezoned with a vision to be walk and bicycle friendly. The protected intersection project highlighted by Daniel is located within the IQ and is currently moving into the construction phase. Glenview Dr. will require a full reconstruction due to a history of utility failures. Daniel provided a detailed description of the intersection design, which will involve corner islands, space for bicyclists to queue ahead of motor vehicles, and motorist yield zones when vehicles make right turns. Bike signalization will be installed in the intersection to prevent cars from turning right on a red traffic signal. An innovative feature of the intersection will be the use of bike detection using cameras. When a bicyclist is detected at the intersection, a blue light will be displayed. Using this signalization required FHWA approval. Daniel estimates the roadway reconstruction, which includes intersection improvements, t costs approximately \$17 million. A question from the audience was asked about ADA issues with the design. The answer from Daniel was that a 1-ft wide buffer space between the separated bike lane and sidewalk is the best practice which was replicated from other cities. Color and texture will also be used for ADA purposes. The City of Richardson expects the Glenville/Collins intersection will open by the Summer of 2024.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

**6. Pedestrian Fatality Research – Anthony White, TxDOT**

Anthony White presented on a three-year study performed by the Fort Worth TxDOT District about pedestrian crashes and fatalities from 2018 to 2020. The highest number of pedestrian fatalities occurred in 2020, with a total of 49. Pedestrian fatality trends in the Fort Worth District is consistent with statewide levels, with 2020 being the most dangerous year. Results from the crash analysis found males to be more involved in pedestrian fatalities than females. Of the 49 crash-related fatalities, 35 occurred from motorists driving into the sunset when it can be difficult to see pedestrians. An overwhelming majority of the pedestrian fatalities did not occur at intersections. In addition to pedestrian fatality data, Anthony also highlighted a TxDOT study along a nine-mile segment of FM 1709 from US 377 in Keller to SH 114 in Southlake. This safety study identified a need to install crosswalks at several intersections and upgrade both signs and pedestrian signals.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

## **7. NCTCOG Updates**

### **a. Update on Annual Bikeway Database Edits – Cauner McDonald**

Since soliciting input from BPAC members last August on updates to the regional bikeway database, Cauner has been reviewing edits and is in the process of making revisions the map. Cauner indicated the updated interactive map will be posted online for BPAC members to review.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

### **b. Walk to School Day Recap – Erin Curry**

Erin highlighted the successful events that happened in the region on national Walk to School Day. This year's event took place on October 12, 2022. One major benefit for students who safely walk to school is they are more likely to arrive on time, ready to learn. Students walking to school also reduces motor vehicle traffic congestion and improves air quality. Many children participated in the event from various schools across the region and were excited to receive prize packages made available by NCTCOG. A regional bike raffle received the most attention, receiving a total of 973 entries. The next Walk to School Day will be held on October 4, 2023.

For more information about Walk to School Day, visit: [www.WalkBiketoSchool.com](http://www.WalkBiketoSchool.com)

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

### **c. Transportation Alternatives Program Call for Projects: Recommended Funding Awards – Daniel Snyder**

Daniel Snyder updated BPAC members with the results from the 2022 regional Transportation Alternatives Set-Aside Call for Projects. A total of 33 applications were received, requesting over \$134 million dollars in federal funding. Based on the evaluation criteria approved by the Regional Transportation Council (RTC), a total of 13 projects and over \$54 million were recommended for funding. The RTC approved the funding awards on 12/08/2022.

This presentation can be found on the BPAC website at: [www.nctcog.org/BPAC](http://www.nctcog.org/BPAC).

## **8. Other Business/ Open Discussion**

Robert announced the date of BPAC's next scheduled meeting, to be held on February 15, 2023, and adjourned the meeting. NCTCOG staff thanked Robert Caskey for his service as BPAC Chair in 2022 and for facilitating the transition from virtual meetings to in-person meetings.

**Members in Attendance at the November 16, 2022, BPAC meeting**

<b>Agency</b>	<b>Name</b>
Town of Addison	Joe Pack
City of Allen	Krishan Patel
City of Arlington	Jana Wentzel
City of Burleson	Heather Houseman
City of Carrollton	Marcos Fernandez
City of Dallas	Jessica Scott
City of Euless	Alexander Harvey
Town of Flower Mound	Brennon Peltier
City of Fort Worth	Quenell Johnson
City of Frisco	Robert Caskey
City of Garland	Ziad Kharratt
City of Grand Prairie	Brett Huntsman
City of Grapevine	Kathy Nelson
City of Haltom City	Christi Pruitt
City of Hurst	Kyle Gordon
City of Keller	Cody Maberry
City of McKinney	Robyn Root
City of Mesquite	Wes McClure
City of Midlothian	Heather Dowell
City of North Richland Hills	Michael Wilson
City of Richardson	Daniel Herrig
City of Rowlett	Lilyana Morejon for Carlos Monsalve
City of Weatherford	Chad Marbut
Dallas County	Minesha Reese
Hunt County	Brian Crooks
Denton County Transportation Authority (DCTA)	Tim Palermo
TxDOT, Dallas District	R. Simmons for Tim Wright
TxDOT, Fort Worth District	Anthony White

**NCTCOG Staff in Attendance at the November 16, 2022, BPAC meeting:**

Erin Curry
Anna Laura Harmjanz
Kevin Kokes
Cauner McDonald
Daniel Snyder
Erik van Bloemen Waanders