



## MEMORANDUM

TO: Transportation Advisory Committee (TAC) Members

FROM: Deanna Trebil, MPO Administrator

DATE: December 1, 2022

RE: TAC Meeting – December 8, 2022

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A Transportation Advisory Committee meeting will be held at **3:30 PM** on **Thursday, December 8, 2022**. Board members are encouraged to attend in-person, if comfortable, in the Onslow Room at Jacksonville Station (1300 N Marine Blvd) located at the intersection of E. Thompson Street and N Marine Blvd. Other may join the meeting virtually through Microsoft Teams: [Click here to join the meeting](#). You can also dial in for audio only +1 469-269-6113, Phone Conference ID: 113127827#

Discussion topics for this meeting include the NCDOT Performance Targets, Making Transportation Work for Everyone, Paved Trails and Sidewalk Feasibility Study Grant Program as well as other transportation-related topics.

Please contact me at 910-938-5073 with any questions or concerns.





**AGENDA**  
**TRANSPORTATION ADVISORY COMMITTEE**  
December 8, 2022 – 3:30 PM

Join on your computer or mobile app through Microsoft Teams: [Click here to join the meeting.](#)  
You can also dial in for audio only +1 469-269-6113, Phone Conference ID: 113127827#

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- |      |                           |                 |
|------|---------------------------|-----------------|
| I.   | Call to Order             | Chairman Warden |
| II.  | Welcome and Introductions | Chairman Warden |
| III. | Adoption of the Agenda    | Chairman Warden |
| IV.  | Public Comment            | Chairman Warden |

**Action Items**

- |      |   |                 |
|------|---|-----------------|
| V.   | October 13, 2022 Meeting Minutes (Attachment 1)<br><b>Recommended Action: Approval of Meeting Minutes</b>                           | Chairman Warden |
| VI.  | Draft 2023 Meeting Schedule (Attachment 2)<br><b>Recommended Action: Approval of Meeting Schedule</b>                               | Chairman Warden |
| VII. | 2023 NCDOT Safety Performance Targets (Attachment 3)<br><b>Recommended Action: Adopt 2023 Safety Performance Targets Resolution</b> | Deanna Trebil   |

**Discussion Items**

- |       |   |               |
|-------|---|---------------|
| VIII. | Draft 2024-2033 STIP                                      | Deanna Trebil |
| IX.   | Making Transportation Work for Everyone                   | Deanna Trebil |
| X.    | Paved Trails and Sidewalk Feasibility Study Grant Program | Deanna Trebil |

**Reports/Comments**

- |       |  |                 |
|-------|--|-----------------|
| XI.   | Report from TAC Secretary                          | Deanna Trebil   |
| XII.  | Report from NCDOT Division 3                       | Adrienne Cox    |
| XIII. | Report from NCDOT Transportation Planning Division | Saman Jeffers   |
| XIV.  | Report from FHWA Field Officer                     | Bill Marley     |
| XV.   | Closing Comments                                   | Chairman Warden |





To: Transportation Advisory Committee  
From: Deanna Trebil, MPO Administrator  
Subject: October 13, 2022, Meeting Minutes

12/08/2022

Recommended Action: Approval of meeting minutes

Attachment: October 13, 2022, meeting minutes

**JACKSONVILLE METROPOLITAN PLANNING ORGANIZATION  
TECHNICAL COORDINATING COMMITTEE  
VIRTUAL/ REGULAR - MEETING  
October 13, 2022**

**JACKSONVILLE STATION  
1300 N MARINE BLVD  
JACKSONVILLE, NC 28540**

Present            Mr. Bob Warden, Ms. Cindy Edwards, Mr. Royce Bennett, Mr. Larry Philpott,  
In Person:        Ms. Kandy Koonce, Mr. Anthony Prinz, Ms. Laura Wisecup, Mr. Roy Bredahl,  
                         Mr. Phillip Williams, Mr. Ron Massey, Mr. Chad Kimes and Ms. Adrienne Cox.  
Virtually         Ms. Stephanie Kutz, Mr. Chris White, Mr. Bill Marley, Ms. Saman Jeffers, Ms.  
Present:          Andrea Correll and Nathan Rhue.

**I.     Call to Order**

Chairman Bob Warden called the Jacksonville Urban Area MPO Transportation Advisory Committee (TAC) Meeting to order at 3:32 pm on Thursday, October 13, 2022, at the Jacksonville Station –1300 N Marine Blvd and via teleconference.

**II.    Welcome and Introductions**

Chairman Bob Warden welcomed everyone to the TAC meeting and thanked everyone for their attendance in person and via teleconference.

**III.   Adoption of the Agenda**

Chairman Bob Warden asked for a motion to adopt the agenda as written.

Mr. Royce Bennett made a motion to accept the agenda as written. Ms. Cindy Edwards seconded the motion to accept the agenda as written.

The agenda was accepted unanimously by the Committee members present.

**IV.   Public Comment**

No one signed up for public comment and no requests were received.

**Action Items**

**V.    May 12, 2022, Meeting Minutes**

Chairman Bob Warden asked for a motion to approve the May 12, 2022, Meeting Minutes.

Mr. Royce Bennett made a motion to approve the May 12, 2022, Meeting Minutes as presented. Ms. Cindy Edwards seconded the motion.

The motion to approve the May 12, 2022, Meeting Minutes as presented was approved unanimously by the Committee Members present both in person and virtual.

#### **VI. 2020-2029 MTIP – Amendment 7**

Mr. Prinz explained the purpose of the changes made to the 2020-2029 Metropolitan Transportation Improvement Program (MTIP) which is adding transparency with the implementation of “project break”. A “project break”, as the phrase indicates, means breaking a grand project into related specific projects with the purpose of adding transparency to the public. Having said that, NCDOT is requesting modifications in the following project’s schedules and/or budgets:

- W-5203U: Henderson/Western Intersection Improvements
- W-5703DIV: Safety Improvements in Division 3
- W-5703REG: Safety Improvements in Division 3
- W-5703SW: Safety Improvements in Division 3

In this case, W-5203U is a project break of the Henderson Dr /Western Blvd intersection improvements. The rest of the projects are regular safety projects where generic updates are being applied.

Chairman Bob Warden asked for a motion to approve the 2020-2029 MTIP – Amendment 7. Mr. Royce Bennett made a motion to approve the 2020-2029 MTIP – Amendment 7 as presented. Ms. Cindy Edwards seconded the motion.

#### **VII. FY 2023 UPWP – Amendment 1**

Mr. Warden invited Mr. Prinz to explain the changes made to the FY 2023 Unified Planning Work Program.

Mr. Prinz explained that the main intent of this change was to reappropriate funds to complete the Camp Davis Industrial Park (CDIP) Transportation Plan which will identify any needed transportation improvements at the development’s full build out.

Since the arrangements to start the study have started in the previous fiscal year FY22 and they have extended into FY23, a new allocation of funding in the current FY 2023 UPWP is needed.

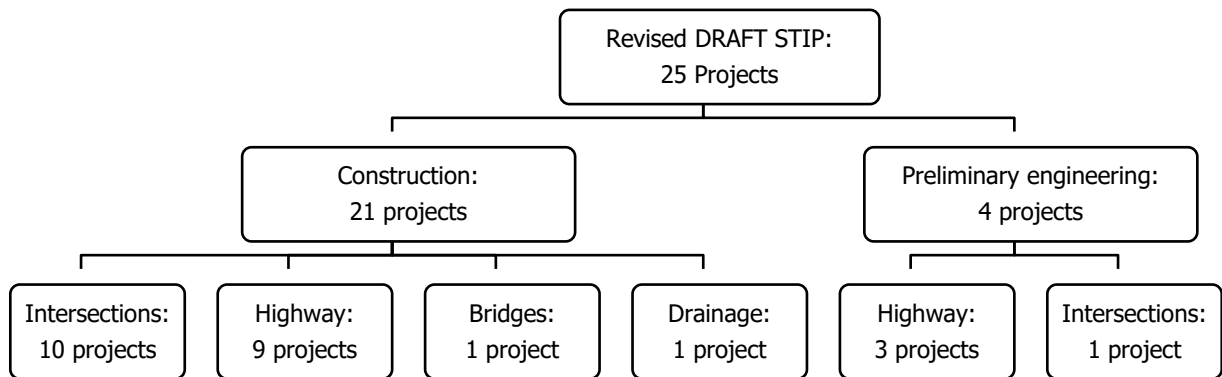
Chairman Bob Warden asked for a motion to approve the FY 2023 UPWP – Amendment 1. Ms. Cindy Edwards made a motion to approve the FY 2023 UPWP – Amendment 1 as presented. Mr. Royce Bennett seconded the motion.

## Discussion Items

### VIII. DRAFT 2024-2033 STIP

Mr. Prinz reminded the attendees about NCDOT'S financial challenges during previous years which compromised P6 and the TIP. As a result, NCDOT's revised STIP is based on the projects that have already been approved to aligned them with current financial constraints.

The revised STIP has a total of 25 projects for Jacksonville Urban Area MPO. The goal was to use existing projects that were not funded, instead of adding new projects. From the 25 projects in the STIP, twenty-one are in construction and four are in preliminary engineering as follows:



Additionally, Mr. Prinz highlighted that the final STIP is expected to be adopted in May 2023. He reminded everyone that there is still opportunity for project swapping and encouraged all present to review the list of eligible projects for swapping and to notify the MPO if they are interested on one of those projects to be swapped. The deadline to identify projects for swapping is March 2023.

PROJECTS ELIGIBLE FOR SWAPPING	
PROJECT ID	PROJECT DESCRIPTION
U-5741	NC 24 (Lejeune Blvd) – Access management improvements
R-5885	NC 24 (West Corbett Ave)- Superstreet
U-6081	NC 53 (Western Boulevard) - Superstreet
U-5793A	SR 1308 (Gum Branch Road)
U-5793B	SR 1308 (Gum Branch Road)
U-6200	SR 1308 (Gum Branch Road) – Superstreet
R-5948	SR 1509 (Queens Creek Road) – Road widening
U-6107	US 17 / McDaniel Dr – Improve Intersection
U-6148	US 258 / SR 1329 – Improve Intersection



Next, Chairman Bob Warden asked for a brief explanation of some key projects present in the STIP.

Ms. Prinz proceeded to highlight projects that moved from preliminary engineering to fully funded which are U-5716 (NC 24 / US 258 interchange), U-5949 (NC 210 road widening), U-5508 (NC 24 / NC 53 intersection improvements) and U-4007E (NC 53 road improvements).

Additionally, Mr. Prinz provided a brief explanation of project R-5885A, a culvert replacement on NC 24 in Swansboro which is part of the resiliency initiative. It was also mentioned that this project was submitted for Defense Community Infrastructure Pilot (DCIP) Program, however it was not successful in this year's funding cycle. He also noted that projects like U-5903 (Henderson Drive superstreet) and U-5951 (US 17 / US BUS partial interchange) that are now funded but since the time frame for ROW acquisition is 2028, it is possible that this one be reprioritized in the next cycle.

In the same way, Mr. Prinz proceeded to explain the remaining key projects principal aspects to provide TAC members a better clarification of the projects included in the draft STIP.

Finally, he concluded by highlighting projects that were not present in the STIP like the NC 24 improvements in Swansboro. Mr. Larry Philpott, Swansboro Town Commissioner, shared details about the project's meeting with NCDOT. He stated that he left with a lot of questions and concerns regarding the project since it will compromise the town's character. The project's preliminary design includes a concrete median on NC 24 from the City's first northwestern traffic light to the beginning of the bridge. There were numerous concerns stated and therefore, further meetings are required to refine the project's proposal. Last, Mr. Philpott introduced Andrea Correll as the new planner in the town of Swansboro.

Another project that was brought to Mr. Prinz attention was the existing pedestrian safety issues in Swansboro's downtown area. NCDOT traffic safety team is evaluating crossing safety measures in this area. Mr. Philpott stated that the safest pedestrian crossing is located under the bridge, however it is not always accessible since depends on the tide levels and crossing the existing five lane arterial road remains a challenge.

The last project of the discussion corresponded to NC 111 road extension (Not included in the STIP) which is one that the MPO continues to discuss. The project is not likely to be included in the STIP until its purpose is better defined.

Chairman Bob Warden asked the attendees if there were any additional questions before moving to the next item of the agenda. No questions were asked.

## **IX. Alert Eyes Save Lives Update**

Ms. Wisecup reminded the members present about "Alert Eyes Save Lives", an initiative to prevent pedestrian and bicycle serious fatalities and injuries in the JUMPO planning area. Subsequently, Ms. Wisecup proceeded to share the first findings from the analysis of pedestrian and bicycle crashes within the JUMPO planning area.

Specifically, updates regarding the frequency, severity, and clusters of pedestrian and bicycle crashes in the JUMPO planning area were shared as follows:

- Frequency: The highest pedestrian and bicycle crash frequency per intersection in the JUMPO planning area is located within the City of Jacksonville city limits. Intersections on principal arterial roads such as Western Boulevard, Gum Branch Road and Marine Blvd that are in close proximity of pedestrian traffic generator facilities such as shopping plazas and colleges tend to have the highest number of pedestrian and bicycle crashes. There are also some intersections in the rest of the county that have at least 2 crashes and considering that the population density in these areas is lower, these locations may be areas of interest. In particular, NC 172 / NC 210 in Sneads Ferry and Hammocks Beach Road / NC 24 in Swansboro.
- Severity: A severity index is numerical value that indicates the relative severity of crashes at a particular location. Mrs. Wisecup identified those intersections within the JUMPO planning area that have least 3 crashes and at least more than 13.4 severity which is the normal severity of a pedestrian crash. The analysis resulted in the 7 following intersections: Marine Blvd and E Thompson St, Richlands Hwy and Burgaw Hwy, Henderson Dr and Doris Ave, Country Club Rd and Villa Dr, Piney Green Rd and Balsam Rd, Gum Branch Rd and Indian Dr and Marine Blvd and Henderson Dr.
- Density-based clusters: A cluster (or concentration) analysis identifies locations where crashes are grouped in close proximity to each other in distance but also in time. Each of this clusters consists of at least three incidents occurring within a maximum of 500 ft between each other and a maximum time span of 5 years. The density-based clustering analysis results reflect that most of the pedestrian and bicycle crash clusters are located on commercial corridors or intersections nearby commercial buildings. These areas tend to have higher activity levels and therefore, there is more risk of conflict. Similarly, most clusters are located on roads with speed limits of 40 to 45 mph, and more than four lanes.

Finally, Ms. Wisecup concluded by sharing the next steps forward of this initiative which include to keep refining the analysis taking a closer look at road segments, include other variables such as environmental justice areas and involve stakeholders to identify near misses.

**X. FY 2022 Carbon Reduction Program**

Mr. Prinz explained the purpose of the Carbon Reduction Program (CRP) which focuses on funding projects designed to reduce transportation emissions, specifically CO2. Some of the eligible activities of this program correspond to transportation facilities for pedestrians, bicyclists, or other non-motorized forms of transportation.

Mr. Prinz proceed to share the specifics about the program including that the funding will work on a yearly obligation, where the anticipated funds for FY22 correspond to \$236,105 with a minimum funding amount of \$100,000 and a 20% local match.

To take advantage of this opportunity, the MPO published a “Call for Projects” where most of the feedback received were projects located in the City of Jacksonville. Mr. Prinz gave a brief explanation of the following projects:

<b>Project</b>	<b>Road</b>
Sidewalk	Gum Branch Road
Sidewalk	Gum Branch Road
Trail	Gum Branch Road
Sidewalk	Gum Branch Road
Trail	N Marine Blvd
Downtown Transfer Station	E Rail Road St
Piney Green Transfer Station	
Thompson Ped Heads and Pavement Markings	

Finally, Mr. Prinz explained that the next step is to submit the projects to NCDOT to get their feedback on the project’s eligibility and discussion will be held afterwards about programming since it requires a 20% local match.

**Reports/Comments**

**XI. TAC Secretary Report**

No further comments were added.

**XII. Report from NCDOT Division 3**

Ms. Cox shared three summary table that highlight JUMPO’s projects in development, projects under construction and road resurfacing projects for everybody’s reference. She also asked for feedback in regards the structure and content of the table to make it more useful.

Subsequently, Mr. Prinz suggested to organize the projects by let date.

### **XIII. Report from NCDOT Transportation Planning Division**

Ms. Jeffers referenced the latest Transportation Planning Division (TPD) News which included updates on the NCDOT Weekly Cash Watch Report and the recently launched "Q-Anywhere" program by the DMV.

Additionally, the report reminded about important deadlines:

- November 1, 2022: TPD Provides MPO/RPO planning fund allocations for FY24
- November 15, 2022: 1st Quarter Invoice and Work Summary Due

### **XIV. Report from FHWA Field Officer**

Mr. Marley informed that the Federal Highway Administration (FHWA) has just come out with a new strategic plan. Also, he stated that there is new administrator and therefore they are waiting to see if there are going to be any changes within the organization. Finally, he reminded everyone that the new legislation forwards MPOs for a chance to apply to different kinds of grants.

### **XV. Questions, Closing Comments**

Chairman Bob Warden asked the attendees if there were any additional questions or comments before adjourning the meeting. No further comments or questions were presented.

Mr. Warden asked for an adjournment of the October 13, 2022, TAC meeting. Ms. Cindy Edwards made a motion to adjourn the meeting. Mr. Royce Bennett seconded the motion.

The meeting was adjourned at 4:55 pm.

Next meeting is scheduled for December 8, 2022.



JACKSONVILLE URBAN AREA  
**JUMPO**  
METROPOLITAN PLANNING ORGANIZATION

**Attachment: 2**  
**Transportation Advisory Committee**  
**Action Required**

To: Transportation Advisory Committee

From: Deanna Trebil, MPO Administrator

Subject: Draft 2023 Meeting Calendar

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12/8/2022

Recommended Action: Approval of the draft 2023 meeting calendar

Attachment: Draft 2023 meeting calendar



## Jacksonville Urban Area Metropolitan Planning Organization 2023 Meeting Schedule

The **Transportation Advisory Committee (TAC)** meets bimonthly on the second Thursday at 3:30 PM:

**3/9/23      5/11/23      8/10/23      10/12/23      12/14/23**

Virtual participation will be available for each meeting.  
The meeting venue will be announced with each agenda, but generally will be held at Jacksonville Station, 1300 N Marine Blvd.

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The **Technical Coordinating Committee (TCC)** meets bimonthly on the second Thursday at 10:30 AM:

**2/9/23      4/13/23      7/13/23      9/14/23      11/9/23**

Virtual participation will be available for each meeting.  
The meeting venue will be announced with each agenda, but generally will be held at Jacksonville Station, 1300 N Marine Blvd.

Meeting information will be posted at Jacksonville City Hall and on the web at [www.jumpo-nc.org](http://www.jumpo-nc.org).

*Additional meetings may be scheduled as required throughout the calendar year.  
Scheduled meetings may be cancelled if specific action is not required.*



To: Transportation Advisory Committee  
From: Deanna Trebil, MPO Administrator  
Subject: 2023 NCDOT Safety Performance Targets

12/8/2022

Current federal transportation legislation (FAST Act) requires states and MPOs adopt performance measures and targets to monitor their progress over time toward achieving USDOT transportation goals. Safety was the first area of emphasis for FHWA and guidance reflects that the following should be considered by states and MPOs when developing performance measures/targets: (1) number of fatalities, (2) rates of fatalities, (3) number of serious injuries, (4) rate of serious injuries, and (5) number of non-motorized fatalities and serious injuries.

NCDOT submitted the 2023 state safety performance targets to FHWA on August 31<sup>st</sup>. As such, the Jacksonville MPO is now required to adopt safety measures by the end of February 2023. While the FAST Act allows MPOs to adopt measures and targets independently of their state, NCDOT has encouraged MPOs to follow their lead by adopting the established statewide performance measures.

MPOs are required to add new or revised information on performance measures, targets, and system performance reports only when the Metropolitan Transportation Plan (MTP) is updated. As such, the 2023 Safety Performance Targets will be included in the next update of the MTP.

Recommended Action: Adopt 2023 Safety Performance Targets Resolution

Attachment: Resolution – Endorsement of 2023 NCDOT Safety Targets



## **Endorsement of Targets for 2023 Safety Performance Measures Established By NCDOT**

**WHEREAS**, the Jacksonville Urban Area MPO has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and;

**WHEREAS**, the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures by August 31, and;

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries, and;

**WHEREAS**, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group and;

**WHEREAS**, the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31, of each year and;

**WHEREAS**, the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure, or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

**WHEREAS**, MPO agrees to plan and program projects that contribute toward the accomplishment of the State's targets as noted below for each of the aforementioned performance measures:

1. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 19.57 percent from 1,494.8 (2017-2021 average) to 1,202.2 (2019-2023 average) by December 31, 2023.
2. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 20.95 percent from 1.279 (2017-2021 average) to 1.011 (2019-2023 average) by December 31, 2023.
3. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 30.19 percent from 4,903.4 (2017-2021 average) to 3,423.0 (2019-2023 average) by December 31, 2023.
4. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 31.75 percent from 4.195 (2017-2021 average) to 2.863 (2019-2023 average) by December 31, 2023.
5. For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 26.52 percent from 637.2 (2017-2021 average) to 468.2 (2019-2023 average) by December 31, 2023.

**NOW, THEREFORE, BE IT RESOLVED**, that the Transportation Advisory Committee agrees to plan and program projects that contribute toward the accomplishment of the State's targets as noted above for each of the aforementioned performance measures on this, the 8<sup>th</sup> day of December, 2022.

By: \_\_\_\_\_  
Robert Warden, Chairman

\_\_\_\_\_  
Deanna Trebil, TAC Secretary