



Technical Committee Meeting Agenda

Wednesday, March 22, 2023

9:00 AM

Committee Room 2nd Floor Durham City Hall

101 City Hall Plaza
Durham, NC 27701

1. Roll Call
2. Adjustments to the Agenda
3. Public Comment

CONSENT AGENDA

4. **Approval of the February 22, 2023 TC Meeting Minutes**
David Miller, LPA Staff

[23-157](#)

A copy of the February 22, 2023 Meeting Minutes is attached.

TC Action: Approve the February 22, 2023 TC Meeting Minutes.

Attachments: [2023-03-22 \(23-157\) February 22 2023 TC Meeting Minutes](#)

5. **Amendment #14 to the FY2020-2029 Transportation Improvement Program (TIP)**

[23-113](#)

Kelly Fomenko, LPA Staff

Amendment #14 to the FY2020-29 Transportation Improvement Program (TIP) adds \$2.3 million in Community Project Funding and local fund match to the R. Kelly Bryant Bridge Trail. TIP Amendment #14 also adds several projects to the TIP including the N-S-BRT. This amendment also updates the funding for the Chapel Hill portion of the Morgan Creek Greenway.

As there are projects with changes in excess of \$1 million, per the MPO's Public Involvement Plan (PIP), this amendment was released for a 21-day public comment period. The current timeline for adoption is as follows:

- February 22: TC recommended Board release for public comment
- March 8: Board released for public comment
- March 22: TC recommends Board approves amendment
- April 12: Board approves amendment

The original timeline for this amendment was set for approval in May to allow a 21-day public comment period between Board release and TC recommendation. This date was moved back to April so that a 21-day comment period exists only between Board release and Board recommendation.

A handful of administrative modifications have been made to this amendment post release for public comment which do not require additional public comment opportunity. Due to the overlapping time frame of this amendment and adoption of a new STIP, projects with funding in FY24 or later will likely be processed post FY24-33 STIP adoption.

TC Action: Recommend that the MPO Board Approve TIP Amendment #14

Attachments: [2023-03-22 \(23-113\) TIP Amendment #14 Summary Sheet](#)
 [2023-03-22 \(23-113\) TIP Amendment #14 Full Report](#)
 [2023-03-22 \(23-113\) TIP Amendment #14 Resolution](#)

INFORMATIONAL ITEMS:

6. Bus Rapid Transit Western Extension (15 minutes)[23-143](#)**Shelby Powell, CAMPO**

In April of 2021, the Capital Area Metropolitan Planning Organization (CAMPO) began conducting a study to identify and evaluate rapid bus service options as extensions to the planned Wake Bus Rapid Transit (BRT). The two extensions are from Cary to Research Triangle Park (Western corridor) and from Garner to Clayton (Southern corridor).

The study's consultant has developed a technical recommendation for a locally preferred alternative in each corridor, which was presented to the Core Technical Teams and Stakeholder Oversight Teams in October 2022 for feedback. A final round of public engagement occurred during November and December 2022, with anticipated recommendation of a final Locally Preferred Alternative early in 2023. Information can be found online at <https://wakebrtextensionsstudy.com>.

Shelby Powell will share additional information about and provide an update on this project.

Board Action: Receive the presentation.

Attachments:[2023-03-22 \(23-143\) Bus Rapid Transit Western Extension Handout](#)[2023-03-22 \(23-143\) Bus Rapid Transit Western Extension Presentation](#)**ACTION ITEMS:**

7. FY2024 Draft Unified Planning Work Program (10 minutes)[22-198](#)**David Miller, LPA Staff**

The DCHC MPO is required by federal regulations to prepare an annual Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided by the Federal Highway Administration and the Federal Transit Administration. The UPWP must identify MPO planning tasks to be performed with the use of federal transportation funds.

Several changes have been made to the document between the draft presentation and its current form, which include:

- Addition of budget tables for both FTA Section 5303 funds, and Consultant Studies and New Initiatives
- Condensed task codes for III-D: Statewide & Extra-Regional Planning, and III-E: Board Support, Member Services and Administration, to align with MPO's Prospectus
- Information regarding the MPO's Safe Streets and Roads for All grant award and the project's forthcoming Comprehensive Safety Action Plan (CSAP)
- Addition of MPO organizational chart
- Addition of Appendix H for future amendments and associated resolutions

The Draft UPWP was reviewed by the Board and released for public comment at their February 8, 2023 meeting, and a public hearing was held at the March 8, 2023 Board meeting. No public comments were received during this time. The MPO Board is being recommended to approve the UPWP at their April 12, 2023 meeting. The adopted UPWP will be submitted to NCDOT on April 12, 2023.

TC Action: Receive the final FY2024 UPWP and recommend the MPO Board approve it at their April 12, 2023 meeting.

Attachments: [2023-03-22 \(22-198\) FY2024 UPWP DRAFT 3.15.2023](#)

INFORMATIONAL ITEMS:

8. **Triangle Transportation Choices FY22 Annual Impact Report (15 minutes)**

[23-156](#)

Jenna Kolling, Triangle J Council of Governments

Josh Michael, Triangle J Council of Governments

Dale McKeel, LPA Staff

The Triangle Transportation Choices program is a transportation demand management (TDM) grant program administered by Triangle J Council of Governments (TJCOG) staff that provides funding on an annual basis for local and regional TDM programs, innovative projects, and equity-based initiatives that encourage Triangle residents and workers to use carpooling, vanpooling, transit, biking, walking, teleworking, flexible work hours, and compressed workweeks.

Since its inception in 2007, the program's outreach and marketing efforts have reduced over 750 million vehicle miles traveled (VMT) in the region. The program is constantly working towards continuous improvement by enhancing its evaluation and monitoring efforts, improving service-area prioritization models, and, most recently, expanding the program's diversity, equity, and inclusion (DEI) outreach efforts. The program is funded by DCHC MPO, Capital Area MPO, and the NCDOT Integrated Mobility Division.

The FY22 Annual Impact Report for the Triangle Transportation Choices program calculates reductions in vehicle trips, vehicle miles traveled, and vehicular emissions resulting from TDM programs funded during fiscal year 2022 (July 1, 2021 - June 30, 2022). In FY22, The Triangle Transportation Choices Program awarded 16 grants totaling \$1,429,345. The program's efforts in FY22 supported 51,000 alternative transportation users daily. Over the entire year, 5.1 million single-occupancy vehicle trips were avoided and over 64 million commute miles reduced.

In addition, the FY22 grantees were encouraged to conduct outreach events and education efforts in neighborhoods with high concentrations of inequities due to residents' race/ethnicity, income, and vehicle ownership. Despite initial setbacks and pandemic-related limitations, 49 outreach events targeted to DEI communities in the region were conducted with over 4,000 attendees, providing a benchmark for expanding TDM outreach in historically underserved neighborhoods. The program also hired a local DEI consultant for leading and facilitating a series of six interactive DEI sessions.

TC Action: Receive the presentation on the Triangle Transportation Choices FY22 Annual Impact Report and provide comments.

Attachments: [2023-03-22 \(23-156\) TDM FY22 Annual Impact Report Presentation](#)
 [2023-03-22 \(23-156\) TDM FY22 Annual Impact Report - Exec Summary](#)
 [2023-03-22 \(23-156\) TDM FY22 Annual Impact Report](#)

9. TIP Amendment Procedures Review (15 minutes)[23-151](#)**Kelly Fomenko, LPA Staff**

Each state is required under 49 U.S.C. 5304(g) to develop a Statewide Transportation Improvement Program (STIP) covering a period of at least four years. The North Carolina Department of Transportation (NCDOT) determined the North Carolina STIP will cover a ten-year period with the first six years referred to as the delivery STIP and the latter four years as the developmental STIP (the first four years must match the MTP).

While the NC STIP is typically adopted every two years but is required to be adopted at least every four years, there are also amendments that occur to the STIP between these time periods. NCDOT has established the "STIP Amendment and Modification Guidelines" which details how changes can be made to the STIP either by administrative modification or through the formal amendment process, as outlined in the attached documentation.

Currently, DCHC MPO follows these guidelines in that projects that fall within the requirement of a formal amendment are released by DCHC MPO for a 21-day public comment period. Historically, the DCHC MPO Technical Committee (TC) would make a recommendation for approval of this amendment prior to the end of public comment, but this current process allows 21 days between Board release and approval, and shortens the overall approval time by one month. After approval, it takes approximately two months for the Board of Transportation (BOT) to approve these amendments.

There has been ongoing discussion about whether this process is desired by the MPO as the TC is not able to see all possible public comments prior to recommendation. Possible resolutions to this discussion could be to formally state that the TC will only consider recommendation after 21 days, that the TC will consider recommendation before 21 days, or that public comment period could be reduced to allow amendment procedures to remain more timely. A presentation will be provided at the meeting to give insight into what other MPOs are doing.

TC Action: Receive as information for possible future updates to the Public Involvement Policy (PIP).

Attachments: [2023-03-22 \(23-151\) STIP Guidelines NCDOT](#)

10. SPOT 7.0 Timeline for FY26-35 Projects, AQ Conformity, & MTP[23-152](#)**Updates (15 minutes)****Kelly Fomenko, LPA Staff**

The FY2024-2033 State Transportation Improvement Program (STIP) is tentatively scheduled to be released for public comment following the April 5-6 Board of Transportation (BOT) meetings. Based off of that timeline, and given the updated list of projects that will be provided in the STIP, this sets in motion the creation of a submittal list for projects in the SPOT process, as well as a need to run an Air Quality (AQ) conformity analysis and amend the 2050 Metropolitan Transportation Plan (MTP).

The Strategic Prioritization of Transportation (SPOT) process is a data-driven approach for ranking projects across North Carolina. Projects are scored based on mode of transportation, degree of impact (statewide, regional, division), and other critical factors. This process takes several years and determines the prioritization of projects in a future funding cycle. This upcoming SPOT cycle is the 7th iteration of the scoring process and projects will be funded for the FY2026-2035 STIP.

It is a requirement for all projects in the first four years of the TIP and MTP to match. As a result of recent swaps and other updates, the MTP will need to be amended to match the TIP. This amendment process requires running AQ conformity analysis to ensure that transit activities are consistent with the air quality goals set forth in the Clean Air Act. To ensure that the TIP and MTP match, the amendment to the MTP will need to be processed in tandem with TIP adoption.

Attached is the expected timeline for SPOT 7.0, AQ conformity, and MTP updates with the expected STIP release from NCDOT in early April.

TC Action: None; for information only.

Attachments:[2023-03-22 \(23-152\) SPOT 7.0, MTP, & AQ Timeline Updates](#)[2023-03-22 \(23-152\) SPOT 7.0 BOT Updates for FY26-35 Projects](#)

11. **Staff Working Group Administration Presentation of Draft Durham and Orange 2024 Transit Work Programs (10 minutes)** [23-158](#)

Doug Plachcinski, AICP, CFM, DCHC MPO Executive Director

Doug Plachcinski will share a presentation on the FY24 Draft Durham and Orange Work Programs. Attached is the presentation, the FY2024 Orange Draft Work Plan, and the FY2024 Durham Draft Work Plan.

TC Action: Provide input on the Draft FY24 Work Program.

Attachments: [2023-03-22 \(23-158\) Transit Work Programs to DCHCMPO TC 03152023](#)
 [2023-03-22 \(23-158\) FY24 Durham Draft Work Plan](#)
 [2023-03-22 \(23-158\) FY24 Orange Draft Work Plan](#)

REPORTS:

12. **Report from Staff** [23-105](#)

Doug Plachcinski, AICP, CFM, DCHC MPO Executive Director

TC Action: Receive the report from staff.

Attachments: [2023-03-22 \(23-105\) MPO Staff Report](#)

13. **Report from the Technical Committee Chair** [23-106](#)

Nishith Trivedi, TC Chair

TC Action: Receive the report from the TC Chair

14. **NCDOT Reports** [23-107](#)

Lisa Mathis, NC Board of Transportation

Brandon Jones (David Keilson), Division 5 - NCDOT

Wright Archer (Pat Wilson, Stephen Robinson), Division 7 - NCDOT

Patrick Norman (Bryan Kluchar), Division 8 - NCDOT

Julie Bogle, Transportation Planning Division - NCDOT

John Grant, Traffic Operations - NCDOT

Nick Morrison - NCDOT IMD

TC Action: Receive the reports from NCDOT.

Attachments: [2023-03-22 \(23-107\) NCDOT Reports](#)

ADDITIONAL ITEMS OF INTEREST:

15. **Recent News Articles and Updates** [23-125](#)

Attachments: [2023-03-22 \(23-125\) Recent News Articles](#)

16. **15-501 Modernization and I-40 Interchange TIP Project U-6067**
Update Letter to NCDOT

[23-144](#)

Attachments: [2023-03-22 \(23-144\) LTR NCDOT US15-501 \(U-6067\) 02232023](#)

Adjourn

Next meeting: April 26, 2023, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings: None