



**Technical Committee
Meeting Agenda**

Tuesday, June 27, 2023

9:00 AM

Orange County Public Library

4307 Emperor Blvd
Durham, NC 27703

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

CONSENT AGENDA

4. **Approval of the May 24, 2023 Technical Committee Agenda Minutes** [23-208](#)
Jean Debnam, LPA Staff

A copy of the minutes is attached.

Board Action: Approve the May 24, 2023 Technical Committee Meeting Minutes.

Attachments: [2023-06-27 \(23-208\) May 24 2023 TC Meeting Minutes](#)

5. **FY2024 UPWP Amendment #1** [23-200](#)
David Miller, LPA Staff

The attached memo details the proposed Amendment #1 for the FY2024 Unified Planning Work Program (UPWP).

TC Action: Recommend the MPO Board approve the FY2024 UPWP Amendment #1.

Board Action: Approve the FY2024 UPWP Amendment #1.

Attachments: [2023-06-27 \(23-200\) FY24 UPWP Amendment 1 Memo REVISED 6.23.2023](#)
[2023-06-27 \(23-200\) City of Durham FY24 UPWP Amendment 1 Funding Table](#)
[2023-06-27 \(23-200\) Orange County FY24 UPWP Amendment 1 Funding Table](#)
[2023-06-27 \(23-200\) FY2024 UPWP Amendment 1 Resolution \(2\)](#)

INFORMATIONAL ITEMS:

6. **US 70 East Corridor Study Phase 1 Final Report Presentation (20 minutes)**

[23-120](#)

David Miller, DCHC MPO

Andy Henry, DCHC MPO

Anne Lenart-Redmond, STV

The US 70 East Corridor Study is a planning study that was pursued to propose a safe, efficient, and equitable multimodal transportation system that offers a choice between public transit, pedestrian and bicycle use, and automobile travel. The study area is a 4-mile stretch along the US 70 corridor from I-885 to the future Northern Durham Parkway (near the Wake County border). Originally an NCDOT road widening project (STIP U-5720) that was included in the MPO's 2050 Metropolitan Transportation Plan (MTP), a delay in STIP funding for U-5720 presented an opportunity to explore and study alternatives that would consider multimodal transportation options along the corridor in conjunction with the MPO Policy Board's removal of all future road widening projects from its 2050 MTP.

The US 70 East Corridor study was programmed in the MPO's FY2022 Unified Planning Work Program (UPWP), and it commenced in July 2022. STV was selected as the prime consultant, and Aidilisms was selected as the subconsultant to lead public engagement efforts.

The study team will present a brief background of the study and second round of public engagement, the two concepts it developed and presented to the public during public engagement efforts, and provide details of the second phase of this study. The presentation, phase 1 final report and appendices, and summary of the second round of public engagement have been included as supporting documentation.

TC Action: To receive the presentation and provide comment.

Attachments:

[2021-05-28 \(23-120\) US 70 East Corridor Study Phase 1 Final Report](#)

[2024-05-28 \(23-120\) US 70 East Corridor Study Phase 1 Final Report Presenta](#)

[2024-05-28 \(23-120\) US 70 East Corridor Study Report Appendices](#)

[2024-05-28 \(23-120\) US 70 East - Public Engagement Round 2 Summary](#)

[2023-06-27 \(23-120\) US 70 East Corridor Study Update](#)

ACTION ITEMS

7. 2050 MTP Amendment #1 and AQ CDR (10 minutes)[23-201](#)**Andy Henry, LPA staff**

The DCHC MPO adopted the 2050 Metropolitan Transportation Plan (MTP) in February 2022. The MTP identifies the highway, public transportation, bicycle, pedestrian and other transportation projects that the region plans to implement over the next several decades. The MTP is also important because projects cannot be funded in the Transportation Improvement Program (TIP) unless they are included in the MTP. The DCHC MPO will adopt the FY 2024-2033 TIP on August 9, 2023, and the following projects require amendment in the 2050 MTP to allow these projects to go forward in the TIP:

- I-40 auxiliary lanes - Add this project to the 2050 MTP. This widening is in the FY2024-2033 STIP but not in the 2050 MTP.
- NC 55 Southbound Lane - Add this project to the 2050 MTP. This widening is in the FY2024-2033 STIP but not in the 2050 MTP.
- NC 98 (Holloway Street) - Segment the current 2050 MTP project into three separate projects to match the funding sequencing in the FY2024-2033 STIP. The funded segment, i.e., Junction Road to Lynn Road, will move to the 2040 horizon in the MTP, and the remaining two segments will stay in the 2050 horizon.

An attachment provides further details on Amendment #1, including the exact changes to the highway table, which is Appendix 2 of the 2050 MTP. The DCHC MPO Public Involvement Policy requires a minimum public input period of 42 days for a major MTP amendment.

Air Quality Conformity Determination Report (AQ CDR)

Transportation Conformity Determination Report (AQ-CDR) demonstrates that certain pollutant emissions from the future transportation sector will not exceed a specified threshold. Although the Triangle area is in attainment for all of the controlled emissions, the area is in a maintenance program for ozone and therefore must demonstrate conformity for nitrous oxides (which is a precursor to ozone). The AQ CDR must also be updated to reflect the changes to the future transportation sector depicted in 2050 MTP Amendment #1 and FY 2024-2033 TIP. The updated AQ CDR is attached. The DCHC MPO Public Involvement Policy requires a minimum public input period of 21 days for the AQ CDR.

Schedule

- June 27 - Release 2050 MTP Amendment #1 and the AQ CDR
- August 9 - Conduct public hearings and adopt the 2050 MTP Amendment #1 and AQ CDR

TC Action: Recommend that the DCHC MPO release the 2050 MTP Amendment #1 and the Air Quality Conformity Determination Report for a minimum 42-day public comment period.

Board Action: Release Amendment #1 to the 2050 MTP and the Air Quality Conformity

Determination Report for a minimum 42-day public comment period.

Attachments: [2023-06-27 \(23-201\) MTP-AQAmend1](#)
[2023-06-27 \(23-201\) Attachment-2050MTPAmendment1-HwyTable](#)
[2023-06-27 \(23-201\) Conformity Determination Report Document - June 2023 L](#)

8. FY2024-2033 Transportation Improvement Program (10 minutes)

[23-197](#)

Kelly Fomenko, LPA Staff

On June 6, 2023, the North Carolina Board of Transportation adopted the FY2024-2033 State Transportation Improvement Program (STIP). In order to implement the program, the MPO Board is required to adopt the FY2024-2033 DCHC MPO Transportation Improvement Program (TIP). The STIP and the TIP must match for the first four years of the program.

There are a handful of new projects or updates that do not yet appear in the FY2024-2033 TIP but are programmed in the FY2020-2029 TIP. The FY2024-2033 STIP was temporarily locked from any future changes around April so any amendments that have occurred to the FY2020-2029 STIP since that time will be reflected in Amendment #1 to the FY2024-2033 STIP, post-adoption. Once adopted, the Federal Highway Administration (FHWA) will review the STIP and TIP to ensure conformity. Once that review is complete, which is expected in September, the FY2024-2033 TIP will go into effect.

Per the MPO's Public Involvement Policy, the TIP was released for a 30-day public comment period on June 27, 2023 and concluded on July 26, 2023. The MPO received **85** public comments, which can be found below. Most of these comments were in reference to two road widening projects in the STIP, those being I-5707 and U-5934. Comments also mentioned opposition to a widening of "Durham Freeway through Downtown," however project U-5937 is the only project on this segment and the project scope is to "construct auxiliary lanes and operational improvements." Details on those projects can be found below. As a result of the July 26 TC meeting, LPA staff have added an additional administrative modification to FY20-29 TIP amendment #16 which adds transit accommodations to the STIP description for U-5934.

A public hearing is scheduled for this item at today's meeting and several members of the public are signed up to speak.

TC Action: Recommended that the MPO Board approve the FY2024-2033 TIP, with the condition that transit accommodations be added to the STIP description for U-5934 I-40 to NC 147 in Durham.

Board Action: Approve the FY2024-2033 TIP.

Attachments: [2023-06-27 \(23-197\) DCHC MPO FY2024-2033 TIP](#)
[2023-06-27 \(23-197\) Resolution for Adopting the FY2024-2033 TIP](#)

INFORMATIONAL ITEMS:

9. SPOT P7.0 Project Candidates List for Public Review (20 minutes)[23-165](#)**Kelly Fomenko, LPA Staff**

The Strategic Prioritization of Transportation (SPOT) process serves as input to the State Transportation Improvement Program (STIP). This process is in its 7th iteration, known as P7.0, and the highest scoring projects are expected to receive funding in the FY2026-2035 STIP. P7.0 project submissions must be submitted in SPOT Online (NCDOT portal) by September 29, 2023. In preparation for this, we are presenting the P7.0 project candidates for the four applicable modes within DCHC MPO boundaries, those being bicycle and pedestrian, highway, transit, and rail. DCHC MPO does not plan to submit any ferry or aviation projects in P7.0. DCHC MPO is allowed to submit 24 candidates per mode for this round. Projects already in the STIP do not count towards this submittal number; those projects are considered "carryovers" and will also be scored.

The project lists are structured in the following order:

1) Project Submissions - *These projects are listed in no particular order at this time.*

There are 24 slots because the MPO is only allotted submission of 24 projects. Projects in this section include holding tank projects (those submitted in previous SPOT cycles that have a SPOT ID), and new projects that are in the process of being given preliminary scores.

2) Additional Project Considerations - *These projects are listed in no particular order at this time.* These projects include overflow of projects that are also important to the MPO. Projects here are also holding tank projects or new submittals, but also include projects that were submitted by other MPOs, RPOs, or local NCDOT Divisions. MPO staff is actively working with all partners to determine which projects may be submitted on our behalf.

The current timeline for SPOT P7.0 submissions is as follows:

August 9 - MPO Board releases projects for 21-day public review.

September 13 - MPO Board holds public hearing and approves projects.

September 29 - Deadline for projects to be submitted into SPOT Online.

While the MPO is only allowed to submit 24 candidates per mode, the current lists exceed those numbers. Staff will be using public input, preliminary scoring through SPOT Online, and member input to determine the final recommended list ahead of MPO Board approval.

TC Action: Recommend that the MPO Board release the project lists for a 21-day public comment period.

Board Action: Release the project lists for a 21-day public comment period.

Attachments: [2023-06-27 \(23-165\) SPOT P7.0 BikePed Submittal Candidates](#)
[2023-06-27 \(23-165\) SPOT P7.0 Highway Submittal Candidates](#)
[2023-06-27 \(23-165\) SPOT P7.0 Rail Submittal Candidates](#)
[2023-06-27 \(23-165\) SPOT P7.0 Transit Submittal Candidates](#)

REPORTS FROM STAFF:

10. **Report from Staff** [23-105](#)
Doug Plachcinski, AICP, CFM, DCHC MPO Executive Director

TC Action: Receive the report from staff.

Attachments: [2023-11-15 \(23-105\) TC Staff Report](#)

11. **Report from the Technical Committee Chair** [23-106](#)
Nishith Trivedi, TC Chair

TC Action: Receive the report from the TC Chair

12. **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: [2023-11-15 \(23-107\) NCDOT Reports](#)

Next meeting: August 23, 2023, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings: None