



Technical Committee Meeting Agenda

Wednesday, April 28, 2021

9:00 AM

Meeting to be held by teleconference.

Watch on Facebook Live at <https://www.facebook.com/MPOforDCHC/>

Any member of the general public who wishes to make public comment should send an email to aaron.cain@durhamnc.gov and the comment will be read to the Board during the public comment portion of the meeting.

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

CONSENT AGENDA

4. **Approval of the March 24, 2021 TC Meeting Minutes** [21-151](#)

A copy of the March 24, 2021 meeting minutes is enclosed.

TC Action: Approve the minutes of the March 24, 2021 TC meeting.

Attachments: [2021-04-28 \(21-151\) 03.24.21 TC Minutes_LPA2.docx](#)

ACTION ITEMS

5. **CTP Amendment #3 (5 minutes)** [21-122](#)
Andy Henry, LPA Staff

The DCHC MPO Board released the Comprehensive Transportation Plan (CTP) Amendment #3 at their April meeting. Staff will provide an update to the Technical Committee today. It should be noted that the CTP is a joint process in which both the MPO Board and the North Carolina Board of Transportation (BOT) adopt the final plan. NCDOT staff has asked that Amendment #3 provide more details on project need (e.g., volume exceeds capacity, safety problems) and thus staff will work to create problem statements for the projects.

The Amendment #3 report (which provides background on the reason for the changes, lists the changes in a table, and displays the amended maps) and interactive maps are available at the MPO's CTP Web page: <http://www.dhcmpo.org/programs/ctp/default.asp#tabs4>

The proposed adoption schedule includes:

- * MPO Board released for public comment -- 4/14/21
- * Conduct public engagement -- 4/14/21 through 5/26/21
- * Board conducts public hearing -- 5/12/21
- * MPO Board adopts -- 6/9/21

TC Action: Receive update and provide comments.

6. 2050 MTP -- Deficiency and Needs Analysis (25 minutes) [21-146](#)**Andy Henry, LPA Staff**

The Deficiency and Needs Analysis is the next step in the development of the 2050 MTP. It presents regional, corridor and roadway level analysis to identify future transportation deficiencies by modeling a 2016 transportation network with 2050 population and employment, which is sometimes known as a future no-build scenario. The attached presentation helps people understand the various data and graphical tools. The detailed data, graphics, and interactive maps are available on the Deficiency tab of the 2050 MTP Web page: <http://www.dchcmo.org/programs/transport/2050mtp/default.asp>

Staff requests that the 2050 MTP Deficiency and Needs Analysis be released for a 30-day public comment period.

TC Action: Provide comments and recommend that the DCHC MPO Board release the 2050 MTP Deficiency and Needs Analysis for a 30-day public comment period.

Attachments: [2021-04-28 \(21-146\) 2050MTP-DeficiencyAnalysis-Presentation](#)

7. Transit Safety Targets (10 minutes) [21-147](#)**Andy Henry, LPA Staff**

Since 2018, the DCHC MPO has adopted resolutions to support performance measures and targets for four federal Transportation Performance Measures (TPM), including Transit Asset Management (TAM), infrastructure condition, transportation system performance, and highway and non-motorist safety. A new TPM, called Public Transportation Agency Safety Plan (PTASP), requires transit systems that receive urbanized area formula grants to develop and implement transit safety management systems. TPM rules require the MPO to support the targets, and reflect the measures and targets in the MTP (Metropolitan Transportation Plan) and TIP (Transportation Improvement Program). The attached presentation provides additional details, and a table of the measures and targets from the safety plans of the transit systems that receive urbanized grant funding from the DCHC MPO. The attached resolution states that the DCHC MPO agrees to plan and program projects that contribute toward the accomplishment of the targets, and amends the 2045 MTP to include the measures and targets.

TC Action: Recommended that the DCHC MPO Board adopt the Public Transportation Agency Safety Plan resolution.

Attachments: [2021-04-28 \(21-147\) PTASP Presentation](#)

[2021-04-28 \(21-147\) PTASP Resolution](#)

8. FY21-22 Call for Projects Funding Recommendation (25 minutes)[21-137](#)**Anne Phillips, LPA Staff**

The FY21-22 Call for Projects was split into two parts with Congestion Mitigation and Air Quality projects due on February 10, 2021, and all other projects due on March 31, 2021. MPO staff has followed guidance in the DCHC Federal Funding Policy to make funding recommendations for Surface Transportation Block Grant Direct Attributable (STBGDA), STBGDA funds received through the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA), STBG-Any Area funds, and Regional and Bicycle Pedestrian Program funds.

Memos with funding recommendations for each funding source are attached.

Once the MPO Board approves the TC-endorsed slate of projects from the FY21-22 Call for Projects, MPO staff will work with the NCDOT STIP unit to ensure that the Transportation Improvement Program and State Transportation Improvement Program are amended to reflect new projects and increased funding for existing projects.

TC Action: Endorse the list of recommended projects to the MPO Board.

Board Action: Approve the TC-endorsed slate of projects from the FY21-22 Call for Projects.

Attachments:

- [2021-04-28 \(21-137\) Funding Recommendation PPT](#)
- [2021-04-28 \(21-137\) Regional Bike-Ped Memo](#)
- [2021-04-28 \(21-137\) STBG-Competitive Memo](#)
- [2021-04-28 \(21-137\) Non-Competitive Funds Memo](#)
- [2021-04-28 \(21-137\) STBG Competitive Scoring Rubric](#)
- [2021-04-28 \(21-137\) EJ Analysis](#)

9. Transportation Improvement Program Amendment #6 (10 minutes)[21-149](#)**Anne Phillips, LPA Staff**

Transportation Improvement Program (TIP) Amendment #6 includes the recommended slate of projects from the FY21-22 Call for Projects. MPO staff will work with the NCDOT STIP unit to ensure that STIP numbers are assigned to new projects and funding amounts are updated to reflect MPO Board-approved funding awards for new and existing projects.

TIP Amendment #6 also includes the following changes requested by NCDOT:

- I-3306A, I-40 Widening from I-85 to the Durham County Line, Project to use GARVEE Bonds and description modified to reflect correct scope.
- I-3306AC, NC86 Upgrade to Superstreet from Northwood Drive to ramp at I-40 Interchange, Project break re-added to schedule superstreet component for separate letting.

NCDOT has asked that the TIP be amended to reflect changes to I-3306 by June 2021 so that they can secure Federal Highway Administration approval and construction authorization in time for the current August let date for the project.

The recommended funding award of \$2,273,501 for the Durham Belt Line Trail exceeds \$1 million. In addition, NCDOT has requested that I-3306A also be released for public comment. According to the MPO Public Involvement Policy, TIP Amendment #6 should therefore be released for a 21-day public comment period before it is adopted by the MPO Board.

TC Action: Recommend that the MPO Board release TIP Amendment #6 for a 21-day public comment period.

Board Action: Release TIP Amendment #6 for a 21-day public comment period.

Attachments: [2021-04-28 \(21-149\) TIP Amendment #6 Summary Sheet](#)
 [2021-04-28 \(21-149\) TIP Amendment 6 Full Report](#)

10. SPOT 6.0 Draft Local Input Points Methodology (15 minutes)[21-148](#)**Anne Phillips, LPA Staff**

The next step in the SPOT 6.0 process is to adopt a Methodology for Identifying and Ranking New Transportation Improvement Program Project Requests. The DCHC MPO will use this Methodology to assign Local Input Points to projects submitted during the current SPOT cycle. This Methodology must be approved by the MPO Board and an NCDOT Review Committee by July 1, 2021.

The existing Methodology was adopted in February 2018 during the SPOT 5.0 cycle. The updated draft Methodology is based on the 2018 Methodology with the following changes:

- A new flex policy, introduced by NCDOT, allows up to 500 Local Input Points to be transferred between the Regional Impact and Division Needs tiers.
- DCHC now has 1900 instead of 1800 Local Input Points
- Scoring for each mode has been updated to reflect SPOT 6.0 weights and definitions
- DCHC's qualitative scoring criteria now consists of a safety criterion

Significant changes from the 2018 Methodology are highlighted in the draft document in red. According to the DCHC MPO Public Involvement Policy and NCDOT guidance, the Methodology should be released for a 21-day public comment period and a public hearing must be held.

TC Action: Provide input on the draft Methodology and recommend that the MPO Board release the draft Methodology for public comment.

Board Action: Release the draft Methodology for a 21-day public comment period.

Attachments: [2021-04-28 \(21-148\) Local Input Points Methodology Draft](#)

11. Material Change to the Durham County Transit Plan - New Regional Transit Center (15 minutes)[21-145](#)**Jay Heikes, GoTriangle****Aaron Cain, LPA Staff**

The current Regional Transit Center (RTC), operated by GoTriangle, is located adjacent to the GoTriangle offices and is seen as deficient due to its lack of proximity to major highways such as I-40 and NC-147/I-885, site access and circulation changes, and constraints to making improvements to the existing site.

The FY20 Durham Transit Work Program identified funding for a feasibility study to identify the needs, required facilities, and potential locations for a new RTC. This study was completed in early 2021. GoTriangle has identified potential federal funding sources which will require a local match, and is seeking funds from the Durham County Transit Tax to supply 20 percent of the local match.

Because a new RTC was not identified in the 2017 Durham County Transit Plan, and the requested funding is above the \$500,000 threshold for bus services as specified in the Interlocal Implementation Agreement (ILA), this request constitutes a material change to the Plan. Material changes must be approved by all three parties to the ILA: the GoTriangle Board of Trustees, the Durham County Board of Commissioners, and the DCHC MPO Board. Upon a recommendation from the TC, this request will be presented to the MPO Board at its May meeting. The Durham Staff Working Group (SWG) unanimously recommended that the governing bodies approve the material change and include this project in the FY22 Durham Transit Work Program.

TC Action: Recommend that the Board approve a material change to the 2017 Durham County Transit Plan to provide funding for the local match towards construction of a new Regional Transit Center.

Attachments: [2021-04-28 \(21-145\) Durham Transit Plan Material Change Request Memo - R](#)
[2021-04-28 \(21-145\) Durham Transit Plan Material Change Request Presentati](#)

12. FFY21 American Rescue Plan Split Letter (5 minutes) [21-150](#)
Felix Nwoko, LPA Manager

The American Rescue Plan Act, passed by Congress and signed into law by President Biden on March 11, 2021, provides \$30.5 billion of funding for transit agencies to address shortfalls and additional needs due to the COVID pandemic. FTA has notified DCHC MPO that the amount of 5307 and 5340 funds for the Durham-Chapel Hill-Carrboro Urbanized Area is \$33,914,436. The split letter distributing these funds to the four fixed-route transit operator is provided for the TC's review. The transit agencies have reviewed and agreed to the splits shown in the letter.

TC Action: Recommend that the Board approve the FFY21 American Rescue Plan Split Letter.

Attachments: [2021-04-28 \(21-150\) FFY21 5307 American Rescue Plan Split Letter](#)

Minutes Recording Document [21-110](#)

REPORTS FROM STAFF:

13. Report from Staff [21-107](#)
Felix Nwoko, LPA Staff

TC Action: Receive report from Staff.

Attachments: [2021-04-28 \(21-107\) LPA staff report](#)

14. Report from the Chair [21-108](#)
Ellen Beckmann, TC Chair

TC Action: Receive report from the TC Chair.

15. NCDOT Reports [21-109](#)
Brandon Jones (David Keilson, Richard Hancock), Division 5 - NCDOT

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

Patrick Norman (Bryan Kluchar, Jen Britt), Division 8 - NCDOT

Julie Bogle, Transportation Planning Division - NCDOT

John Grant, Traffic Operations - NCDOT

Bryan Lopez, Integrated Mobility Division-NCDOT

TC Action: Receive reports from NCDOT.

Attachments: [2021-03-24 \(21-109\) NCDOT Progress Report](#)

INFORMATIONAL ITEMS:

Adjourn

Next meeting: May 26, 9 a.m., Meeting to be held by teleconference.

Dates of Upcoming Transportation-Related Meetings: None