



DCHC MPO Board Meeting Agenda

Wednesday, April 13, 2022

9:00 AM

Teleconference

101 City Hall Plaza
Durham, NC 27701

1. Roll Call**2. Ethics Reminder**

It is the duty of every Board member to avoid conflicts of interest. Does any Board member have any known conflict of interest with respect to any matters coming before the Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

3. Adjustments to the Agenda**4. Public Comments****5. Directives to Staff**[22-100](#)

Attachments: [2022-04-13 \(22-100\) MPO Board Directives to Staff](#)

CONSENT AGENDA**6. Approval of the March 9, 2022 Board Meeting Minutes**[22-136](#)

Kayla Peloquin, LPA Staff

The March 9, 2022 Board meeting minutes are attached.

Board Action: Approve the minutes of the March 9, 2022 Board meeting.

Attachments: [2022-04-13 \(22-136\) 3.9.22 MPO Board Meeting Minutes](#)

7. Transportation Improvement Program (TIP) Amendment #10[22-122](#)

Kayla Peloquin, LPA Staff

Transportation Improvement Program (TIP) Amendment #10 primarily consists of projects that have been amended in the State Transportation Improvement Program (STIP) by NCDOT, and therefore need to be amended in the DCHC MPO TIP.

The 21-day public comment period was advertised on the MPO website, through social media, and in the Herald Sun and the News of Orange. No public comments were received.

TC Action: Recommended the Board adopt TIP Amendment #10.

Board Action: Adopt TIP Amendment #10.

Attachments: [2022-04-13 \(22-122\) TIP Amendment #10 Summary Sheet](#)
[2022-04-13 \(22-122\) TIP Amendment #10 Full Report](#)
[2022-04-13 \(22-122\) TIP Amendment #10 Resolution](#)

8. FY22 UPWP Amendment #2[22-132](#)**Mariei Klein, LPA Staff**

FY22 UPWP Amendment #2 proposes to move \$200,000 from various task codes to provide additional needed funding for the US-70 Durham project. It also proposes to de-obligate \$200,000 in available STBG-DA funding in the FY22 UPWP to become available for programming in other funding opportunities such as the Call for Projects. All funds being re-allocated and/or de-obligated are programmed in the LPA's budget and will not affect local discretionary funds available to MPO jurisdictions.

TC Action: Recommended that the MPO Board approve FY22 UPWP Amendment #2

Board Action: Approve FY22 UPWP Amendment #2

Attachments: [2022-04-13 \(22-132\) FY22 UPWP Amendment 2 Memo](#)
 [2022-04-13 \(22-132\) FY22 MPO Funding Table Amendment 2](#)
 [2022-04-13 \(22-132\) UPWP Amendment #2 Resolution](#)

9. GoTriangle Regional Transit Center Letter of Support[22-131](#)**Jay Heikes, GoTriangle**

GoTriangle requests a letter of support from DCHC MPO for the submission of an application for a RAISE grant for the new Regional Transit Center (RTC). The new RTC will improve transit speed and reliability, address passenger amenity and operational needs, and provide new multi-modal connections. As a result, the new facility will increase equitable and sustainable access to destinations within Research Triangle Park and across the region as whole.

TC Action: Recommended that the Board Chair sign the support letter for the new Regional Transit Center.

Board Action: Authorize the Board Chair to sign the support letter for the new Regional Transit Center.

Attachments: [2022-04-13 \(22-131\) GoTriangle Regional Transit Center RAISE Grant Letter of](#)

10. Resolution to Approve FY23 CMAQ-Funded Projects[22-139](#)**Aaron Cain, LPA Staff**

On March 9, 2022, the DCHC MPO Board approved a slate of projects to be funded with the MPO's allocation of Congestion Mitigation Air Quality (CMAQ), Surface Transportation Block Grant - Direct Attributable (STBGDA), and Transportation Alternatives Program - Direct Attributable (TAPDA) funds. Since then, NCDOT has requested a separate resolution from the MPO Board identifying the CMAQ projects to be funded in FY23 as part of the application process. The attached resolution identifies those projects that will be funded, in whole or partially, with CMAQ funds, and is consistent with the slate of projects previously approved.

Also attached are the funding assignments for all of the projects approved as part of the FY23 Call for Projects.

Board Action: Adopt the resolution for the FY23 CMAQ application.

Attachments:[2022-04-13 \(22-139\) FY23 Call for Projects Funding Assignments](#)[2022-04-13 \(22-139\) CMAQ Resolution](#)

11. Adoption of New Triangle Regional Model Protocol[22-134](#)**John Hodges-Copple, TJCOG****Aaron Cain, LPA Staff**

The Triangle Regional Model (TRM) is the transportation model used for forecasting and other purposes throughout the Triangle region. It is hosted and maintained at the Institute for Transportation Research and Education (ITRE), and is governed by a four-agency partnership consisting of the DCHC MPO, CAMPO, NCDOT, and GoTriangle. Triangle J Council of Governments (TJCOG) staff provide a forum for convening meetings and facilitating discussion among the partners. The TRM partnership wishes to update the TRM Protocol, which requires approval by the MPO Board.

The purpose of the TRM Protocol is to provide a clear structure and procedures for collaboration on the development, modification and maintenance of the mutually adopted TRM, and associated transportation modeling tools. Specifically, this Protocol defines signatories to the protocol, responsibilities for maintenance and modification of different versions of the travel demand model and any ancillary modeling tools, procedures for distribution of the mutually adopted model, steps to amend this protocol, and, if necessary, how to dissolve participation with the TRM. In addition, the purpose of the protocol is to assure consistency of model sets, integrity of data sets, and the mutual support and buy-in of all signatory agencies.

The CAMPO Board and the GoTriangle Board of Trustees have already adopted the TRM Protocol. NCDOT has indicated it will sign the protocol as well.

TC Action: Recommended that the MPO Board adopt the TRM Protocol. Recommended that the TRM Executive Committee revisit the Protocol within the next year to add necessary items such as the cost split, resolve any disputes, and identify any modifications that may need to be made.

Board Action: Adopt the TRM Protocol. Direct staff to work with the TRM Executive Committee to revisit the Protocol within the next year to add necessary items such as the cost split, resolve any disputes, and identify any modifications that may need to be made.

Attachments: [2022-04-13 \(22-134\) TRM Protocol](#)

ACTION ITEMS

12. MTP Discussion with Legislative Delegation (45 minutes)[22-140](#)**Senator Mike Woodard, North Carolina General Assembly****Mayor Jenn Weaver, DCHC MPO Board Chair****Andy Henry, LPA Staff**

Members of the legislative delegation from the counties represented by DCHC MPO have requested an opportunity to discuss the recently adopted 2050 Metropolitan Transportation Plan (MTP) with the DCHC MPO Board. Andy Henry of the MPO staff will give a brief presentation of the background and process for the adoption of the 2050 MTP, which took place in February 2022. A copy of the presentation is attached. The floor will then be open to a discussion between the legislative delegation and the Board members.

Board Action: Receive the presentation and conduct a discussion with the legislative delegation.

Attachments:[2022-04-13 \(22-140\) 2050 MTP](#)

13. Triangle Bikeway Study (25 minutes)[21-157](#)**Iona Thomas, McAdams****Dale McKeel, LPA**

In 2020, the DCHC MPO and Capital Area MPO began work on the Triangle Bikeway Study, with McAdams serving as project consultants. The Triangle Bikeway Study includes design and construction recommendations between Raleigh and Research Triangle Park and a corridor assessment feasibility study for the connection west between Research Triangle Park and Chapel Hill. The study also includes recommendations for connections to transit along the corridor, existing and proposed bicycle and pedestrian facilities, neighborhoods, and other destinations.

The Research Triangle Park to Chapel Hill Feasibility Study includes an analysis of the segment from the Hub in Research Triangle Park to the US-15/501 and NC-54 interchange in Chapel Hill. The analysis provides the typical section of the bikeway, at-grade and grade-separated crossing layouts, conceptual structure type recommendations, conceptual right-of-way requirements, and rough impacts to streams, wetlands, and floodplains. The Raleigh to Research Triangle Park Implementation Study includes a preliminary functional design for the segment from I-440 in Raleigh to the Hub in Research Triangle Park. The functional design provides the typical section for the bikeway, at-grade and grade-separated crossing layouts, structure type recommendations, right-of-way requirements, and impacts to streams, wetlands, and floodplains.

The study is complete and the report is available for review. Dale McKeel will present the study background, process, and recommendations at today's meeting. Staff recommends that the MPO Board release the draft report for a 30-day public comment period at their April meeting, and then conduct a public hearing at their May meeting, and approve the report at their June meeting. Attached documents include a presentation and the report.

TC Action: Recommended that the MPO Board release the report for a 30-day public comment period.

Board Action: Receive the presentation, review the report, provide comments, and release the report for a 30-day public comment period.

Attachments: [2022-04-13 \(21-157\) Triangle Bikeway Presentation](#)
[2022-04-13 \(21-157\) Triangle Bikeway Report](#)

14. **Greater Triangle Commuter Rail Opportunity Analysis Overview:** [22-137](#)
Summaries of Land Use, Affordable Housing and Travel Markets
Analyses (30 minutes)

John Hodges-Copple, TJCOG

Staff from Triangle J Council of Governments (TJCOG) will deliver a presentation of the analysis including land uses, affordable housing inventories and proposals, and current employment-based travel markets related to the Greater Triangle Commuter Rail project.

As part of the second phase of the Greater Triangle Commuter Rail Feasibility Study, GoTriangle staff and consultants are assessing opportunities and concerns along the corridor to support informed decision-making regarding the project. TJCOG has analyzed affordable housing, travel markets, and development patterns and plans along the rail corridor to better understand the opportunities the project creates and provide insight into the communities that the project would affect. Each topic includes a detailed report, executive summary, and powerpoint summary. All materials will be available on the website, www.readyforrailnc.com.

Board Action: Receive a presentation on the Land Use, Affordable Housing and Travel Market analyses.

Attachments: [2022-04-13 \(22-137\) GTCR Corridor Analysis 3-Task Summary -DCHC032322](#)
[2022-04-13 \(22-137\) Housing Analysis Executive Summary](#)
[2022-04-13 \(22-137\) Land Use Executive Summary](#)
[2022-04-13 \(22-137\) Travel Executive Summary](#)

REPORTS:

15. **Report from the Board Chair** [22-101](#)
Jenn Weaver, Board Chair

Board Action: Receive the report from the Board Chair.

16. **Report from the Technical Committee Chair** [22-102](#)
Ellen Beckmann, TC Chair

Board Action: Receive the report from the TC Chair.

17. **Report from LPA Staff** [22-103](#)

Board Action: Receive the report from LPA staff.

Attachments: [2022-04-13 \(22-103\) LPA staff report](#)

18. NCDOT Reports[22-104](#)

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

Board Action: Receive the reports from NCDOT.

Attachments: [2022-04-13 \(22-104\) NCDOT Reports](#)

INFORMATIONAL ITEMS**19. 2022-2025 On Call Agreement Informational Presentation**[22-138](#)

Marisel Klein, LPA Staff

The 2022-2025 On Call Agreement period is set to begin in April. The On-Call agreement allows MPO jurisdictions to more efficiently execute contracts with on-call contractors in the areas of: Professional and Engineering Services, Data Collection and Analytics, and Community Engagement.

Board Action: Receive the informational presentation.

Attachments: [2022-04-13 \(22-138\) On Call Presentation](#)

20. Recent News Articles and Updates[22-105](#)

Attachments: [2022-04-13 \(22-105\) Recent News Articles](#)

Adjourn

Next meeting: May 11, 2022, 9 a.m., Meeting location to be determined

Dates of Upcoming Transportation-Related Meetings: NCAMPO Conference April 20-22, 2022 in Wilmington, NC