



**DCHC MPO Board  
Meeting Agenda**

Wednesday, November 14, 2018

9:00 AM

Committee Room 2nd Floor  
Durham City Hall 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**[18-100](#)

**Attachments:** [2018-10-10 \(18-100\) MPO Board Directives to Staff.pdf](#)

**CONSENT AGENDA****6. October 10, 2018 Board Meeting Minutes**[18-196](#)

A copy of the October 10, 2018 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the October 10, 2018 Board meeting.

**Attachments:** [2018-11-14 \(18-196\) MPO Board Meeting Minutes 10.10.18 LPA2.pdf](#)

**7. October 31, 2018 Joint DCHC MPO-CAMPO Board Meeting Minutes**[18-201](#)

A copy of the October 31, 2018 Joint DCHC-CAMPO Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the October 31, 2018 Joint DCHC-CAMPO Board meeting.

**Attachments:** [2018-11-14 \(18-201\) Joint MPO Meeting Notes 31 October 2018.pdf](#)

**8. Resolution to Request Transfer of FHWA Funds to FTA**[18-186](#)

**Meg Scully, LPA Staff**

On behalf of GoDurham, the Lead Planning Agency is requesting the transfer of Federal Highway Administration (FHWA) funds to the Federal Transit Administration (FTA) for use on transit projects. This resolution supports the transfer for the Durham-Chapel Hill-Carrboro urban area.

**TC Action:** Recommended the Board approve and sign the resolution to transfer funds.

**Board Action:** Approve and sign the resolution to transfer funds.

**Attachments:** [2018-11-14 \(18-186\) Resolution to transfer FHWA funds to FTA.pdf](#)

**ACTION ITEMS****9. Discussion of Items from Joint DCHC-CAMPO Board Meeting (15 minutes)** [18-198](#)**Aaron Cain, LPA Staff****John Hodges-Copple, TJCOG**

A joint meeting of the DCHC and CAMPO boards was held on October 31, 2018. Attached are the presentations that were given at that meeting on the following topics:

- Transportation Priorities and Policy Templates
- Triangle Regional Travel Markets
- Triangle Tolling Study
- Triangle ITS
- SPOT 5 Update

This item is an opportunity for the Board to discuss these items and provide feedback to staff.

**Board Action:** No action is required for this item, it is for informational and discussion purposes only.

**Attachments:**      [2018-11-14 \(18-198\) Transportation Priorities and Policy Templates.pdf](#)  
[2018-11-14 \(18-198\) Triangle Regional Travel Markets Presentation.pdf](#)  
[2018-11-14 \(18-198\) Triangle Tolling Study Presentation.pdf](#)  
[2018-11-14 \(18-198\) Triangle ITS Presentation.pdf](#)  
[2018-11-14 \(18-198\) SPOT 5 Update from Joint Board Meeting.pdf](#)

**10. NC 54 West Corridor Study (20 minutes)**[18-179](#)**Aaron Cain, LPA Staff**

The NC 54 Corridor Study is an in-depth review of the 20+ mile stretch of NC 54 between Old Fayetteville Road in Carrboro and I-85 in Graham. This roadway currently supports about 6,000 to 15,000 vehicles per day, and is expected to see increases in the future due to residential growth in Alamance County and the major employment centers in the Chapel Hill/Carrboro area. DCHC MPO, along with its local government partners and BGMPO and TARPO have undertaken this study to develop opportunities and strategies to improve the roadway and support the communities alongside it.

The goal of this study is to develop a long-term vision for this corridor. This vision is comprehensive, as it addresses preservation of the area's character, economic opportunity and vitality, environmental sensitivity, and transportation improvements for all users (drivers, freight, pedestrians, bicyclists, etc.).

The draft study is complete and has been out for public review since October 15, 2018. A copy of the study and supporting materials is available at [www.nc54west.com](http://www.nc54west.com). A list of comments and responses as of November 6, 2018, is attached. The MPO Board is scheduled to hold a public hearing today, the last day of the public comment period.

The project team will review all comments and will provide a final version of the study for the Board's consideration at its December 12, 2018 meeting.

**Board Action:** Hold a public hearing on the draft NC 54 West Corridor Study and provide input to staff on the Study.

**Attachments:** [2018-11-14 \(18-179\) NC 54 West Corridor Study Public Comments 11-6-18.pdf](#)

**11. US 15-501 Corridor Study (20 minutes)**[18-192](#)**Leta Huntsinger, WSP****Mike Bruff, LPA Staff**

The Durham Chapel Hill Carrboro Metropolitan Planning Organization (DCHC MPO) and the North Carolina Department of Transportation (NCDOT) are conducting a multimodal transportation study of the US 15-501 corridor from Ephesus Church Road/Fordham Boulevard, in Chapel Hill to University Drive, in Durham. The study will update the 1994 corridor-wide master plan that has been used to guide development and transportation improvements since it was adopted in the mid-1990's. The study will develop an updated multimodal transportation master plan for the corridor that integrates the latest land-use and multimodal transportation vision for the corridor. The study includes both the primary route of US 15-501 and the business route of US 15-501 in Durham ("Durham-Chapel Hill Boulevard") which serve very different roles in the transportation system. The study will identify short and long-term multimodal mobility transportation solutions for current and anticipated travel demand in the corridor.

As part of the visioning for the study, and to facilitate discussion between stakeholders about the existing conditions along US 15-501, a bus tour was conducted with agency staff, key stakeholders, and elected officials on April 18, 2018. The purpose of the tour was to lay the foundation for the development of the corridor vision and goals, and to provide an opportunity for the project team to listen to the people who live, work and play along the corridor.

Two public workshops have been conducted to date. The first workshop, held on June 26, shared findings from the community and travel profile for the corridor and engaged citizens in a visioning exercise to further clarify the corridor vision and goals. The second workshop, held on October 22, presented citizens with various proposed concepts for addressing future transportation challenges within the corridor, all within the context of the plan vision, goals, and objectives. Participants were encouraged to comment on their preferred concepts, to guide the study team in the selection of a more narrowed list of concepts to be studied in detail to develop final recommendations for the corridor.

Project materials are available at: <http://www.reimagining15501.com/>.

Today's presentation will provide a brief overview of the study, and will present to the Board the same array of concepts presented to the public on October 22 with the goal of receiving Board input on preferred concepts.

**Board Action:** Provide comment on the US 15-501 Corridor Study, preferably by November 21, 2018.

**Attachments:** [2018-11-14 \(18-192\) US 15-501 Presentation.pdf](#)  
[2018-11-14 \(18-192\) US 15-501 Presentation Boards.pdf](#)  
[2018-11-14 \(18-192\) US 15-501 Comment Form.pdf](#)

**12. 2045 Metropolitan Transportation Plan (MTP) -- Amendment #1 (10 minutes)**

[18-172](#)

**Andy Henry, LPA Staff**

The MPO Board released Amendment #1 to the 2045 MTP in September and conducted a public hearing in October. Amendment #1 corrects detailed project information to ensure that there are not any inconsistencies between the 2045 MTP and the FY2018-2027 State Transportation Improvement Program (STIP). These changes do not change the project lists, cross-sections, financial plan, modeling network, or other substantive components of the 2045 MTP. The attached table shows the proposed changes in Amendment #1.

The schedule was to have the MPO Board adopt Amendment #1 at their November meeting. However, after discussions with oversight agencies such as the Federal Highway Administration (FHWA), staff recommends that instead of adopting Amendment #1, the MPO re-release and re-adopt the 2045 MTP. The re-adoption will ensure that the 2045 MTP, Triangle Regional Model (TRM) and related socioeconomic data, and Air Quality Conformity Determination Report (AQ CDR) are officially adopted on the same date and are based on the exact same modeling, socioeconomic data and other important assumptions. Staff expects the updated Plan to have minor changes to model-related information such as performance measures. There would not be any DCHC MPO changes to the substantive portions of the Plan such as project lists and the financial plan. The attached *table of contents* from the 2045 MTP report identifies those sections of the 2045 MTP report that will have changes.

The MPO, the NCDOT (North Carolina Department of Transportation) and the NCDEQ (North Carolina Department of Environmental Quality) continue their work to update the regional travel demand and emissions models that are needed for the 2045 MTP and Air Quality reports. Staff expect those models to be complete and ready by mid-November. In order to keep the review process moving forward in a timely fashion, staff requests that the MPO Board authorize staff to release the updated 2045 MTP report as soon as it is ready (i.e., when the updated model data are incorporated into the report). Note that the Board has already authorized staff at their September 2018 meeting to release the AQ CDR when it is ready.

In terms of schedule, there are a few points to keep in mind. First, the AQ CDR needs to be adopted by February 16, 2019 to continue federal transportation actions in our area. Next, the minimum public comment period is 30 days for the AQ CDR and 42 days for the MTP. Given these factors, the review schedule will be:

- \* By November 28, 2018 -- Staff release updated 2045 MTP and AQ CDR
- \* January 9, 2019 -- MPO Board conduct public hearing, and adopt 2045 MTP, TRM version 6, and AQ CDR by resolutions

Two resolutions are attached to adopt: 1) 2045 MTP and TRM version 6 (which includes the socioeconomic data); and, 2) the AQ CDR.

**TC Action:** Recommend that the Board authorize the MPO staff to release the updated

2045 MTP report for public review when the report is ready.

**Board Action:** Authorize the MPO staff to release the updated 2045 MTP report for public review when the report is ready.

**Attachments:** [2018-11-14 \(18-172\) 2045MTP-Report Changes.pdf](#)  
[2018-11-14 \(18-172\) 2045MTP-Amendment1 Project Table.pdf](#)  
[2018-11-14 \(18-172\) 2045MTP-Resolution.pdf](#)  
[2018-11-14 \(18-172\) AQ CDR-Resolution.pdf](#)

**13. Commuter Rail Transit Update (10 minutes) 18-200**

**Patrick McDonough, GoTriangle**

GoTriangle staff will provide an update on the status of future Commuter Rail Transit (CRT) planning between Durham and Wake counties, with eventual service to Orange and Johnston counties, including progress on the Major Investment Study (MIS).

**Board Action:** This item is for informational purposes only, no action is necessary.

**14. Allocation of Local Input Points for Division Needs Projects (10 minutes) 18-153**

**Aaron Cain, LPA Staff**

On August 8, 2018, the DCHC MPO Board approved the release of the Initial Allocation of Local Input Points for Division Needs Projects for SPOT 5, based on the adopted Methodology. The public input process began on August 22, 2018; a public hearing hearing was held by the MPO Board on September 12, 2018. No public comment was received.

Draft local input points for Division Needs projects have been reviewed twice previously by this Board and the TC. The TC made its final recommendation on October 24, 2018. That recommended allocation is attached.

Local input points from the Divisions have not yet been finalized. DCHC MPO staff recommends that the motion to approve include language allowing staff, with the concurrence of the Chair and Vice Chair of the DCHC MPO Board, to make adjustments to the MPO's local input points in order to maximize effectiveness and coordination with the Divisions. The MPO Board approved such language for the Regional Impact input points this summer.

**TC Action:** Recommended approval of local input points for Division Needs projects for SPOT 5.

**Board Action:** Approve allocation of local input points for Division Needs projects for SPOT 5.

**Attachments:** [2018-11-14 \(18-153\) Final Draft Allocation of Division Needs Local Input Points](#)

**15. Amendment #7 to the FY2018-2027 TIP (5 minutes)**[18-185](#)**Aaron Cain, LPA Staff**

Amendment #7 to the FY2018-2027 TIP includes three bike/ped projects, each of which are proposed to receive additional funding to address cost increases:

- C-5179, North Estes Drive
- EB-4707A, Old Durham Road
- EB-4707B, Old Chapel Hill Road

C-5179 is receiving additional CMAQ funding, EB-4707A is receiving a combination of TAP-DA and STBGDA funding from the regional bike/ped set aside, and EB-4707B is receiving CMAQ funding as well as STBGDA funds from the regional bike/ped set aside. This amendment to the TIP programs the entirety of the regional bike/ped set aside for FY18 and FY19.

All three projects are proposed to receive over \$1M through this amendment. Per the DCHC MPO Public Involvement Policy, a 21-day public comment period was held for these projects from October 23, 2018 to November 13, 2018. No comments were received.

In addition to the above projects, there are two additional projects requesting additional CMAQ funds: C-5605E, Durham Bike Lanes, and C-5605H, Downtown Durham Wayfinding. This completes the reprogramming of CMAQ funds to avoid rescission in September 2019. There is also one project to be modified at the request of NCDOT: U-5937, Durham Freeway Operational Improvements.

The summary sheet, full report, and resolution are attached for your review.

**TC Action:** Recommended that the Board approve Amendment #7 to the FY2018-2027 TIP.

**Board Action:** Approve Amendment #7 to the FY2018-2027 TIP.

**Attachments:**      [2018-11-14 \(18-185\) TIP Amendment #7 Summary Sheet.pdf](#)  
                                 [2018-11-14 \(18-185\) TIP Amendment #7 Full Report.pdf](#)  
                                 [2018-11-14 \(18-185\) TIP Amendment #7 Resolution.pdf](#)

**16. Transit Asset Management - Targets (10 minutes)**[18-193](#)**Andy Henry, LPA Staff**

The next three agenda items are federal Transportation Performance Measures (TPM). The three sets of TPMs will be discussed and approved separately, however, the presentation attached to this agenda item will guide the discussion for each of the TPM agenda items.

Federal regulations require the DCHC MPO to develop performance measures and targets for the Transit Asset Management (TAM) program. The MPO first approved the TAM targets in June 2017. The table on the attached resolution shows updated targets that each of the MPO's urban transit systems (i.e., GoDurham, GoTriangle, and Chapel Hill Transit) have developed for their system. In addition to the targets, these transit systems must provide to the MPO a Transit Asset Management (TAM) Plan and a checklist to show that the system is in compliance with the TAM final rule. The Plan for each of the transit systems are attached.

The MPO's rural transit systems such as Orange Public Transit (OPT), Durham County Access and Chatham Transit Network are required to fulfill these same requirements but these rural systems have chosen to participate in the NCDOT group TAM plan.

**TC Action:** Review and discuss the TAM targets, plans and checklist, and recommend that the DCHC MPO Board receive the TAM Plan and checklists, and adopt the TAM resolution and targets.

**Board Action:** Receive and discuss the TAM Plan, checklists, and transit system performance measures and targets, and adopt the resolution to support the measures and targets.

**Attachments:**      [2018-11-14 \(18-193\) TPM Presentation.pdf](#)  
[2018-11-14 \(18-193\) TAM Plan - GoTriangle.pdf](#)  
[2018-11-14 \(18-193\) TAM Plan - GoDurham.pdf](#)  
[2018-11-14 \(18-193\) TAM Plan - CHT.pdf](#)  
[2018-11-14 \(18-193\) Resolution - TAM Targets.pdf](#)

17. **Pavement, Bridges and Travel Time Performance Measures and Targets (10 minutes)** [18-194](#)

**Andy Henry, LPA Staff**

Federal regulations require the DCHC MPO to develop performance measures and targets for pavement, bridges and travel time on National Highway System (NHS) roads. The North Carolina Department of Transportation (NCDOT) established the performance measures and targets shown in the table on the attached resolution. The DCHC MPO will support the NCDOT measures and targets because the MPO must rely on NCDOT data and methodologies to calculate the values for the measures. This will be the first time the MPO has adopted these federal measures and targets.

**TC Action:** Review and discuss the pavement, bridge and travel time performance measures and targets, provide comments, and recommend that the MPO Board adopt the resolution.

**Board Action:** Review and discuss the pavement, bridge and travel time performance measures and targets, provide comments, and adopt the resolution to support the performance measures and targets.

**Attachments:** [2018-11-14 \(18-194\) Resolution - Pavement, Bridges, TTR.pdf](#)

18. **Safety Performance Measures and Targets (10 minutes)** [18-195](#)

**Andy Henry, LPA Staff**

Federal regulations require the DCHC MPO to develop safety performance measures and targets and to update the targets each year. The DCHC MPO first approved a set of safety measures and targets in February 2018 but now must update them for the year 2019. The North Carolina Department of Transportation (NCDOT) established the safety measures and targets shown in the table on the attached resolution. The DCHC MPO will adopt the NCDOT measures and targets because the MPO must rely on NCDOT data and methodologies to calculate the values for the measures.

**TC Action:** Review and discuss the safety performance measures and targets, provide comments, and recommend that the MPO Board adopt the resolution.

**Board Action:** Review and discuss the safety performance measures and targets, provide comments, and adopt the resolution to support the measures and targets.

**Attachments:** [2018-11-14 \(18-195\) Resolution - Safety.pdf](#)

**19. Election of Officers for the DCHC MPO Board (5 minutes)** [18-199](#)**Damon Seils, Chair, DCHC MPO Board****Aaron Cain, LPA Staff**

Per the DCHC MPO Board's by-laws, the Board is to hold an election for the offices of Chair and Vice Chair at its last regularly scheduled meeting of the calendar year. Following the procedure used last year, the Board will form a nominating committee for officers and report back to the Board at its December meeting.

The current officers, Chair Damon Seils of Carrboro and Vice Chair Wendy Jacobs of Durham County, are both completing their first year in their respective roles. The by-laws state that they may each serve one additional year.

**Board Action:** Form a nominating committee for officers for the 2019 term.

**REPORTS:****20. Report from the Board Chair** [18-101](#)**Damon Seils, Board Chair**

**Board Action:** Receive the report from the Board Chair

**21. Report from the Technical Committee Chair** [18-102](#)**Ellen Beckmann, TC Chair**

**Board Action:** Receive the report from the TC Chair.

**22. Report from LPA Staff** [18-103](#)**Felix Nwoko, LPA Manager**

**Board Action:** Receive the report from LPA Staff.

**Attachments:** [2018-11-14 \(18-103\) LPA staff report.pdf](#)

**23. NCDOT Report** [18-104](#)**Joey Hopkins (David Keilson/Richard Hancock), Division 5 - NCDOT****Mike Mills (Pat Wilson/Ed Lewis), Division 7 - NCDOT****Brandon Jones (Bryan Kluchar, Jen Britt), Division 8 - NCDOT****Julie Bogle, Transportation Planning Division - NCDOT****John Grant, Traffic Operations - NCDOT**

**Board Action:** Receive the reports from NCDOT.

**Attachments:** [2018-11-14 \(18-104\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS**

**24. Recent News Articles and Updates**

[18-105](#)

**Attachments:**      [2018-11-14 \(18-105\) news\\_articles.pdf](#)

**Adjourn**

**Next meeting: December 12, 9 a.m., Committee Room**

**Dates of Upcoming Transportation-Related Meetings: None**