



**DCHC MPO Board  
Meeting Agenda**

Wednesday, October 10, 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. September 12, 2018 Board Meeting Minutes**[18-178](#)

A copy of the September 12, 2018 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the September 12, 2018 Board meeting.

**Attachments:** [2018-10-10 \(18-178\) MPO Board Meeting Minutes9.12.18\\_LPA2.pdf](#)

**ACTION ITEMS**

**7. NC 98 Corridor Study (10 minutes)**[18-145](#)**Andy Henry, MPO Staff**

The MPO Board released the draft report of the NC 98 Corridor Study for a minimum 30-day public comment period at their August meeting and conducted a public hearing at their September meeting. Based on comments from the public and the Durham Board of County Commissioners (BOCC), there is one substantive change to the report that was released in August. The Durham County segment of NC 98 will include two options. One option is the original recommendation to have bike lanes and sidewalks. An additional option is a multiuse path on each side of the roadway instead of the bike lanes and sidewalks. Additional text briefly explains the difference in expected local funding impacts between the two options based on the state policy for bicycle and pedestrian facilities.

The approved report will provide projects for inclusion in the MPO's multimodal long-range transportation plans and related local plans as they are updated. The final report is available from the WSP Web site: <http://www.nc98corridor.com/library/>. There are two attachments: a copy of the final public comments; and, a copy of the resolution that the Durham Board of County Commissioners approved -- the resolution addresses the need for the additional multiuse path option.

**TC Action:** Recommend that the DCHC MPO Board approve the NC 98 Corridor Study.

**Board Action:** Review and approve the NC 98 Corridor Study.

**Attachments:**        [2018-10-10 \(18-145\) NC98PublicComments.pdf](#)  
                                 [2018-10-10 \(18-145\) NC98-BOCC-Resolution.pdf](#)

**8. NC 54 West Corridor Study (30 minutes)**[18-179](#)**Don Bryson, VHB****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 itself is completed, a copy of the study and supporting materials is available at [www.nc54west.com/documents.asp](http://www.nc54west.com/documents.asp). Once released by the Board, the NC 54 Corridor Study will have a 30-day public comment period beginning Monday, October 15, before it is brought to the MPO Board for public hearing and adoption in November.

**TC Action:** Recommended that the Board release the NC 54 West Corridor Study for a 30-day public comment period, and hold a public hearing at its November 14, 2018 meeting.

**Board Action:** Release the NC 54 West Corridor Study for a 30-day public comment period.

**9. Triangle Regional Freight Plan (10 minutes)**[18-170](#)**Andy Henry, LPA Staff**

The MPO Board released the Triangle Regional Freight Plan for a minimum 30-day public comment period at their September meeting. Today, the Board is to conduct a public hearing and provide comments to staff. Approval of the Freight Plan means that the MPO will consider including the Plan's recommendations in the MPO's long-range transportation plans and policies as they are updated. In addition, local governments might want to consider some of the recommendations for their plans, programs and policies.

At the September Board meeting, Board members posed several questions that staff was not able to address. In the interim, staff created the attached document that attempts to address those questions.

The executive summary, full report and appendices of the Triangle Regional Freight Plan and an interactive map of the Strategic Freight Corridor (SFC) are available at this MPO Web page: [www.bit.ly/DCHC-FreightPlan](http://www.bit.ly/DCHC-FreightPlan). The review schedule is as follows:

- \* 9/12 -- Board releases Freight Plan for public comment
- \* 10/10 -- Board conduct public hearing
- \* 10/15 -- Public comment period ends
- \* 11/14 -- Board approves Freight Plan

**TC Action:** Recommended that the DCHC MPO Board release the draft Triangle Regional Freight Plan for public comment.

**Board Action:** Conduct a public hearing for the Triangle Regional Freight Plan and provide comments.

**Attachments:** [2018-10-10 \(18-170\) Freight Plan Questions.pdf](#)

**10. 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 at their September meeting. Today, the Board will conduct a public hearing on the amendment and provide feedback to staff. 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), and subsequently allow the Air Quality Conformity Determination process to proceed without interruption. These changes do not change the cross-section, costs, construction year or other important design considerations that would impact the project capacity, financial plan or Triangle Regional Model (TRM). The attached document shows the proposed changes in Amendment #1.

The proposed schedule for this amendment includes:

- \* September -- Board release Amendment #1 for a minimum 30-day public comment period
- \* 10/10 -- Board conduct public hearing
- \* 10/16 -- public comment period ends
- \* 11/14 -- Board adopt Amendment #1

At this time, staff is having discussions with oversight agencies, such as the Federal Highway Administration (FHWA), to possibly re-adopt the 2045 MTP in January 2019 to ensure that several Triangle Regional Model (TRM) corrections are assumed in the adopted Plan. Staff will update the MPO Board as the planned re-adoption process is developed. The process would likely include the release of the updated 2045 MTP in November 2018 and the re-adoption in January 2019. It is expected that the updated Plan would have very minor changes to model-related information such as performance measures. There would not be any changes to the substantive portions of the Plan such as project lists and the financial plan. In January 2019, the Board would re-adopt the 2045 MTP and the TRM, and adopt the Air Quality Conformity Determination Report (AQ CDR).

**TC Action:** Recommend that the Board release Amendment #1 for a minimum 30-day public comment period.

**Board Action:** Conduct a public hearing and discuss the status of Amendment #1.

**Attachments:** [2018-10-10 \(18-172\) 2045MTP-Amendment1.pdf](#)

11. **Quarterly Update on the Durham-Orange Light Rail Transit (D-O LRT) Project (20 minutes)** [18-181](#)

**Geoff Green, GoTriangle**

On April 28, 2017, the DCHC MPO Policy Board adopted the updated Orange County Transit Plan and the Durham County Transit Plan (the “Transit Plans”) as well as the Interlocal Agreement for Cost-Sharing for the Durham-Orange Light Rail Transit (D-O LRT) Project. GoTriangle is presenting its quarterly report on the status of the D-O LRT Project as contemplated in the Transit Plans and the Interlocal Agreement.

**Board Action:** Receive information regarding the status of the Durham-Orange Light Rail Transit Project.

12. **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. To date no public comment has been received.

A TC subcommittee met on August 22 and September 18 to develop recommendations for local input points for Division Needs projects. The recommendation of that subcommittee is attached. The only change to the subcommittee recommendation from the version that was brought to the Board at its September meeting is the removal of points from Finley Golf Course Road Bike/Ped and placement of points on the Northern Durham Parkway.

The deadline for submission of local allocation points for Division Needs projects has been delayed to November 29 due to effects from Hurricane Florence. Therefore, LPA staff is delaying the vote on the allocation until the November Board meeting. At that time, LPA staff will request the Board allow for changes to the allocation after adoption due to external factors, such as assignment of points from the Divisions and other MPOs and RPOs, with the consent of the Board Chair and Vice Chair (this was done for Regional Impact projects this summer).

**Board Action:** No action is necessary at this time. This item will be brought to the Board for a vote at its November 14, 2018 meeting.

**Attachments:** [2018-10-10 \(18-153\) Proposed Allocation of Local Input Points for Division Neer](#)

**13. Surface Transportation Block Grant -Direct Attributable (STBG-DA) and Transportation Alternative Program (TAP) Funding Distribution for FY2020 (5 minutes)**

[18-183](#)

**Meg Scully, LPA Staff**

On October 14, 2015, the MPO Board approved the formula and policy to distribute STBG-DA and TAP funds to sub-recipients for fiscal years 2017 through 2025 with the expectation that each year, prior to development of the next year's Unified Planning Work Program (UPWP), the actual STBG-DA and TAP allocation to the DCHC MPO would be entered into the formula as would the most recent certified National Transit Database (NTD) data (to be used in calculating the distribution to transit agencies). Attached is a table with the FY20 STBG-DA and TAP funding available to the MPO and the allocation resulting from the formula. Approval of this allocation will commence the FY20 UPWP development as agencies may choose to use the allocation for planning purposes, and thus must program funds in the FY20 UPWP. The FY20 UPWP development schedule is also attached.

**TC Action:** Recommended the Board approve the FY20 distribution of STBG-DA and TAP funds.

**Board Action:** Approve the FY20 distribution of STBG-DA and TAP funds.

**Attachments:**

[2018-10-10 \(18-183\) 2020 UPWP development schedule.pdf](#)

[2018-10-10 \(18-183\) FY20 STBG and TAP Distribution Table by Agency.pdf](#)

**14. Reprogramming of CMAQ Funds (15 minutes)**[18-177](#)**Aaron Cain, LPA Staff**

The Fixing American's Surface Transportation (FAST) Act, signed into law by President Obama in December 2015, dictates that any unobligated CMAQ or TAP-DA funds that are not obligated by September 30, 2019 be subject to rescission. LPA staff reviewed the current state of CMAQ and TAP-DA funds for DCHC projects and determined that several projects are not likely to be able to obligate CMAQ funds by the rescission deadline. Therefore, working with our local government partners, staff has developed a plan to reprogram CMAQ dollars to projects that can obligate the funds by September 30, 2019. The proposed reprogramming is shown in the attachment.

Projects that would have CMAQ funds reprogrammed to other projects will have future CMAQ funding set aside for them at a time that is more in line with their delivery schedule. Two projects would be cancelled as part of this reprogramming, but those projects would likely be cancelled regardless due to external factors.

LPA staff has determined that the outstanding TAP-DA funds will be obligated before September 30, 2019 for EB-4707A, Old Durham Road Bike/Ped, and EL-4828, Morgan Creek Greenway, and should therefore not be subject to federal rescission.

**TC Action:** Recommend the Board approve the reprogramming of CMAQ funds.

**Board Action:** Adopt the resolution approving the reprogramming of CMAQ funds.

**Attachments:**      [2018-10-10 \(18-177\) Proposed Reprogramming of CMAQ Funds.pdf](#)  
                              [2018-10-10 \(18-177\) CMAQ Application for EB-4707B.pdf](#)  
                              [2018-10-10 \(18-177\) Reprogramming of CMAQ Funds Resolution.pdf](#)

**15. Programming of FY2018-19 Regional Bicycle and Pedestrian Funds**[18-184](#)**(15 minutes)****Aaron Cain, LPA Staff**

Per MPO policy, and the adopted FY18 and FY19 UPWPs, the full amount of the MPO's TAP-DA funds are combined with a portion of the MPO's STBGDA funds to create a pool of funds for regional bicycle and pedestrian projects, which amounts to just over \$1M annually. Since adoption of the current policy, a significant portion of these funds have gone to Old Durham-Chapel Hill Road for construction of bicycle lanes and sidewalks from Garrett Road in Durham to Fordham Boulevard in Chapel Hill (EB-4707 A & B).

The Durham portion of this project is already under construction, and the Chapel Hill portion is set to go to bid for construction later this year. Conversations earlier this year with NCDOT revealed a significant funding gap for completion of the project. LPA staff, in consultation with local government staff, recommends programming the entirety of the Regional Bicycle and Pedestrian fund, \$2.073M, to this project. This funding, in conjunction with additional CMAQ dollars, will expedite completion of the project, and will also allow for the MPO's TAP-DA appropriation to be obligated before the federal rescission deadline of September 30, 2019. The specifics of the amount of funds for each project is shown in the attachment.

The standard TAP-DA application process is not required to program the funds because the TAP-DA funds will be applied to EB-4707 A, which was previously approved for TAP-DA funds.

**TC Action:** Recommended that the Board authorize the programming of Regional Bicycle and Pedestrian Funds for FY2018 and FY2019 to EB-4707 A & B, Old Durham-Chapel Hill Road.

**Board Action:** Adopt the resolution authorizing the use of Regional Bicycle and Pedestrian funds for FY2018 and FY2019 to EB-4707 A & B, Old Durham-Chapel Hill Road.

**Attachments:**[2018-10-10 \(18-184\) Proposed FY2018-19 Regional Bike-Ped Project Funding.](#)[2018-10-10 \(18-184\) FY2018-19 Regional Bike-Ped Resolution.pdf](#)

**16. Amendment #6 to the FY2018-2027 TIP (5 minutes)**[18-173](#)**Aaron Cain, LPA Staff**

This amendment to the FY2018-2027 TIP is comprised of three components:

- Reprogramming of Congestion Mitigation/Air Quality (CMAQ) funds in order to ensure their obligation before September 30, 2019;
- Moving of funds from FY18 to FY19 for those projects that have not obligated their funds in FY18; and
- Several modifications and additions to the STIP as requested by NCDOT.

Amendment #6 does not include projects that, per the DCHC MPO Public Involvement Policy, require a 21-day public comment period. Those projects are included in Amendment #7. The summary sheet, full report, and resolution are attached for your review.

**TC Action:** Recommended approval of Amendment #6 to the FY2018-2027 TIP.

**Board Action:** Approve Amendment #6 to the FY2018-2027 TIP.

**Attachments:**      [2018-10-10 \(18-173\) TIP Amendment #6 Summary Sheet.pdf](#)  
                                 [2018-10-10 \(18-173\) TIP Amendment #6 Full Report.pdf](#)  
                                 [2018-10-10 \(18-173\) TIP Amendment #6 Resolution.pdf](#)

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

Amendment #7 to the FY2018-2027 TIP consists of 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, all three projects will have a 21-day public comment period for this amendment.

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

**TC Action:** Recommended that the Board release Amendment #7 to the FY2018-2027 TIP for a 21-day public comment period.

**Board Action:** Release Amendment #7 to the FY2018-2027 TIP for a 21-day public comment period.

**Attachments:** [2018-10-10 \(18-185\) TIP Amendment #7 Summary Sheet.pdf](#)  
[2018-10-10 \(18-185\) TIP Amendment #7 Full Report.pdf](#)  
[2018-10-10 \(18-185\) TIP Amendment #7 Resolution.pdf](#)

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

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

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

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

**20. Report from LPA Staff [18-103](#)****Felix Nwoko, LPA Manager****Board Action:** Receive the report from LPA Staff.**Attachments:** [2018-10-10 \(18-103\) LPA staff report.pdf](#)**21. 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:** [2018-10-10 \(18-104\) NCDOT Progress Report.pdf](#)**INFORMATIONAL ITEMS****22. Recent News Articles and Updates [18-105](#)****Attachments:** [2018-10-10 \(18-105\) news\\_articles.pdf](#)**Adjourn****Next meeting: November 14, 9 a.m., Committee Room****Dates of Upcoming Transportation-Related Meetings: Joint MPO Policy Board Meeting, October 31, 2018 , 9-11 a.m. at the RTP Headquarters, 12 Davis Drive, RTP.**