



## **Technical Committee Meeting Agenda**

Wednesday, February 27, 2019

9:00 AM

Committee Room 2nd Floor  
Durham City Hall 101 City Hall Plaza  
Durham, NC 27701

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

### **CONSENT AGENDA**

4. **Approval of the January 23, 2019 TC Meeting Minutes** [19-118](#)

A copy of the January 23, 2019 minutes is enclosed.

**TC Action:** Approve the minutes of the January 23, 2019 TC meeting.

**Attachments:** [2019-02-27 \(19-118\) 01.23.19 TC Meeting\\_LPA2.pdf](#)

5. **Durham and Orange County Q2 Transit Tax Update** [19-121](#)  
**Jennifer Keep, GoTriangle**

A memo providing an update on the Durham and Orange County Transit Tax for the second quarter of fiscal year 2019 is attached.

**TC Action:** This item is for informational purposes only, no action is required.

### **ACTION ITEMS**

6. **Draft FY2020 Unified Planning Work Program (UPWP) (5 minutes)** [18-213](#)  
**Meg Scully, LPA Staff**

The DCHC MPO is required by federal regulations to prepare an annual Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. Funding for the UPWP is provided by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). The UPWP must identify MPO planning tasks to be performed with the use of federal transportation funds. Attached is the draft FY2020 UPWP. At the January 16, 2019 meeting, the MPO Board reviewed the draft FY2020 UPWP and released the document for public comment. Since the public release, additional PL funding has been made available by NCDOT to the MPO for FY20 and programmed in the current draft FY20 UPWP.

**TC Action:** Recommended the Board hold a public hearing and approve the FY2020 UPWP.

**Board Action:** Hold a public hearing and approve the FY2020 UPWP.

**Attachments:** [2019-02-27 \(18-213\) FY20 UPWP Draft.pdf](#)  
[2019-02-27 \(18-213\) 2020 UPWP Presentation Board 22719.pdf](#)

7. **Resolution on I-3306AC, I-40/NC 86 Interchange Improvements (10 minutes)** [19-122](#)

**Aaron Cain, LPA Staff**

NCDOT is in the early stages of design for improvements to the I-40/NC 86 interchange, part of STIP project I-3306A, a widening of I-40 in Orange County to six lanes. At the January 16, 2019 DCHC MPO Board meeting, two members of the public spoke about concerns regarding the proposed improvements in one of the conceptual designs for the interchange, and the MPO Board directed staff to draft a resolution based on staff comments of the proposals. That draft resolution is attached, along with the following:

- DCHC MPO staff comments on the proposed designs;
- A resolution adopted by the Town of Chapel Hill on January 30, 2019;
- Interchange design Option 4A from NCDOT;
- Interchange design Option 4B from NCDOT.

**TC Action:** Recommend that the MPO Board adopt the resolution on the design of the I-40/NC 86 interchange.

**Attachments:** [2019-02-27 \(19-122\) I-3306A Chapel Hill Resolution.pdf](#)  
[2019-02-27 \(19-122\) I-3306A DCHC Resolution.pdf](#)  
[2019-02-27 \(19-122\) I-3306A DCHC MPO Staff Comments.pdf](#)  
[2019-02-27 \(19-122\) I-3306A Map Option 4A.pdf](#)  
[2019-02-27 \(19-122\) I-3306A Map Option 4B.pdf](#)

**8. Chapel Hill North-South Bus Rapid Transit Update (5 minutes)**[19-120](#)**Matt Cecil, Chapel Hill Transit**

In January 2019, Chapel Hill Town Council adopted an update to the LPA for the North South Bus Rapid Transit Project, consistent with guidance from FTA, which eliminated the center running option and the extension to Durham Technical Community College, uses mixed traffic on Eubanks Road, and either construction of or a dedicated curb running BRT guideway between Eubanks Road and North Street.

The current cost estimates for the North-South Bus Rapid Transit project are \$123.2M - \$134.7 (YOE). The cost estimates will be better refined and updated as the project moves through Environmental and 30% Design over the next 12-15 months (FTA Project Development) and we will also determine if there is a reasonable plan for scaling the project.

The current financial plan assumes 80% (\$98.5M - \$100M) of project funding to come through federal sources (e.g. FTA Small Starts) and 20% (\$24.6M - \$34.1M) from non-federal sources. The FTA initially indicated that the project would need to demonstrate a commitment of at least half the non-federal share (\$12.3M - \$17M) by November 2019 to stay in a project Development and to be considered for moving into Project Design. At this time \$6.1M of non-federal funds are committed to the project through Orange County Transit Plan, leaving a gap of \$6.3 M - \$10.9M. There does not appear to be additional capacity within the Orange County Transit Plan over the next several years.

After the project was removed from the most recent STI process by the DCHC-MPO, to help ensure maximum scoring and funding for the DOLRT project, a working group of MPO, Town of Chapel Hill/Chapel Hill Transit and GoTriangle staff was developed to explore non-federal funding sources. Unfortunately, non-federal funding options outside of STI are very limited - most MPO or State programs are funded with federal resources and are not able to be used as non-federal match. While the working group believes that a share of the non-federal funding could potentially come from naming rights and fundraising and local road improvements (e.g. Eubanks Road redevelopment), these options need to be explored further and are not likely viable by November 2019.

Based on the findings of the working group and the current constraints of the Orange County Transit Plan, staff is recommending that we explore with FTA the possibility of extending the November 2019 deadline in order for the project to be considered in the next STI (2019) process (note that this is a competitive process and funding is not guaranteed), while continuing to work an other non-federal funding options.

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

**Attachments:** [2019-02-27 \(19-120\) Town of Chapel Hill Resolution on N-S BRT.pdf](#)  
[2019-02-27 \(19-120\) N-S BRT LPA Map.pdf](#)

**9. FY2020-2029 Draft STIP Comments (10 minutes)**[19-115](#)**Aaron Cain, LPA Staff**

On January 10, 2019, NCDOT released the initial draft FY2020-2029 State Transportation Improvement Program (STIP). MPO Staff has reviewed the Draft STIP and has drafted a set of comments to send to NCDOT prior to the one-on-one meeting scheduled for March 13, 2019. MPO staff requests input on the comments so that NCDOT can be prepared to address them during the one-on-one meeting.

**TC Action:** Review the draft STIP comments and provide input.

**Attachments:** [2019-02-27 \(19-115\) Draft STIP Comments 2-18-19.pdf](#)

**10. SPOT 6 Initial Submittal List (15 minutes)**[19-123](#)**Aaron Cain, LPA Staff**

MPO staff has developed an initial list of projects for submittal for SPOT 6, the process that will develop the FY2022-2031 State Transportation Improvement Program (STIP). Included in the attached list are the following:

- Projects that were submitted in SPOT 5 but did not score well enough to be included in the FY2020-2029 STIP;
- Projects identified in the DCHC MPO 2045 Metropolitan Transportation Plan (MTP) in the 2025 horizon year but have yet to be programmed in the STIP; and
- Operational improvement projects endorsed by DCHC MPO member jurisdictions and/or MPO staff.

It is likely that DCHC MPO will again have 23 submittal slots per mode. While there are enough submittal slots for all identified needs for transit and rail, there are not for bike/ped and highway. In the past the Divisions have been willing to submit bike/ped projects on the MPO's behalf; should be available again the MPO will likely be able to submit all projects on the initial list. For highway, staff is recommending that 18 projects left over from SPOT 5 be submitted for SPOT 6. That leaves only five available slots for new highway projects.

Staff recommends convening a subcommittee to further discuss and refine the initial list of submittal projects. That subcommittee will meet on March 13, 2019, at 10:30 am.

**TC Action:** Schedule a subcommittee to discuss the initial project submittal list for SPOT 6.

**11. Amendment #10 to the FY2018-2027 TIP (5 minutes)**[18-216](#)**Aaron Cain, LPA Staff**

Amendment #10 includes two requests from the City of Durham:

- Allocate an additional approximately \$2.2M of STBGDA funds to C-4928, Morreene Road Bike/Ped, primarily to address ROW costs; and
- Allocate an additional approximately \$1.5M of STBGDA funds to U-4726HN, Hillandale Road Bike/Ped, to address increases in ROW costs.

The City of Durham's local discretionary STBGDA funds is the source for these allocations.

Because of the amount of funding, per the DCHC MPO Public Involvement Policy, this amendment has been released for a 21-day public comment period. To date, no comments have been received.

Also included in the amendment are the following projects:

- EB-5704, Raynor Street Sidewalks
- EB-5708, NC 54 Sidewalks
- TA-6727, GoTriangle Electric Bus Replacement
- TD-5284, UNC Hospitals Transfer Station
- Several projects from NCDOT.

The summary sheet, full report, and resolution are attached.

**TC Action:** Recommend approval of Amendment #10 to the FY2018-2027 TIP.

**Attachments:**      [2019-02-27 \(18-216\) TIP Amendment #10 Summary Sheet.pdf](#)  
                                 [2019-02-27 \(18-216\) TIP Amendment #10 Full Report.pdf](#)  
                                 [2019-02-27 \(18-216\) TIP Amendment #10 Resolution.pdf](#)

**12. Amendment #11 to the FY2018-2027 TIP (5 minutes) [19-124](#)****Aaron Cain, LPA Staff**

Amendment #11 to the FY2018-2027 TIP consists of two projects in Durham that are required to be released for a 21-day public comment period due to the addition of more than \$1M in each project. They are:

- EB-5703, LaSalle Street Sidewalks
- EB-5715, Duke Street Sidewalks

The summary sheet, full report, and resolution are attached.

**TC Action:** Recommend that the Board release TIP Amendment #11 for public comment.

**Attachments:** [2019-02-27 \(19-124\) TIP Amendment #11 Summary Sheet.pdf](#)  
[2019-02-27 \(19-124\) TIP Amendment #11 Full Report.pdf](#)  
[2019-02-27 \(19-124\) TIP Amendment #11 Resolution.pdf](#)

**REPORTS FROM STAFF:****13. Report from Staff [19-107](#)****Felix Nwoko, Andy Henry, LPA Staff**

**TC Action:** Receive report from Staff.

**Attachments:** [2019-02-27 \(19-107\) LPA staff report.pdf](#)

**14. Report from the Chair [19-108](#)****Nishith Trivedi, TC Chair**

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

**15. NCDOT Reports [19-109](#)****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**

**TC Action:** Receive reports from NCDOT.

**Attachments:** [2019-02-27 \(19-109\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS:**

**Adjourn**

**Next meeting: March 27, 9 a.m., Committee Room**

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