



Technical Committee Meeting Agenda

Wednesday, January 22, 2020

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 December 18, 2019 TC Meeting Minutes** [20-114](#)

A copy of the December 18, 2019 meeting minutes is enclosed.

TC Action: Approve the minutes of the December 18, 2019 TC meeting..

Attachments: [2020-01-22 \(20-114\) 12.18.19 TC Meeting_LPA2.pdf](#)

ACTION ITEMS

5. **Election of TC Officers for 2020 (10 minutes)** [19-203](#)

Aaron Cain, LPA Staff

Per the TC's by-laws, the TC must elect officers at its first meeting of the calendar year. The current Chair, Nishith Trivedi of Orange County, is eligible to serve one more year as Chair. The current Vice Chair, Ellen Beckmann of the City of Durham, may also serve one more year as Vice Chair. Both have indicated interest in continuing to serve in their respective positions. No additional nominations were submitted to staff.

TC Action: Elect officers for 2020.

6. **Draft FY2021 Unified Planning Work Program (5 minutes)** [19-202](#)

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 and the Federal Transit Administration. The UPWP must identify MPO planning tasks to be performed with the use of federal transportation funds. Attached is the draft FY2021 UPWP. The proposed schedule for UPWP development is as follows: draft FY2021 UPWP was reviewed by the Board and released for public comment on January 15, 2020. The MPO Board will be asked to hold a public hearing and approve the plan on February 12, 2020.

TC Action: Recommend the Board hold a public hearing and approve the Draft FY21 Unified Planning Work Program.

Attachments: [2020-01-22 \(19-202\) FY21 UPWP Draft.pdf](#)

7. Greater Triangle Commuter Rail Update (30 minutes)[19-172](#)**Katharine Eggleston, GoTriangle****John Hodges-Copple, TJCOG****Aaron Cain, LPA Staff**

Representatives of the study team for the Greater Triangle Commuter Rail will update the MPO Board on upcoming planning decisions, including a list of priority tasks for the potential next phase of study, to be memorialized in a Memorandum of Understanding (MOU) between the funding parties of the GTCR.

TC Action: Provide input on the draft priorities of the pending GTCR MOU.

8. Durham Transit Plan FY20 Amendment - Bus Stop Construction (10 minutes)[20-113](#)**Katharine Eggleston, GoTriangle****Aaron Cain, LPA Staff**

In the FY20 Durham Transit Tax Annual Work Plan, \$500,000 was programmed for design of 50 bus stop improvements for GoDurham. Progress on this work has proceeded at a pace that construction can be scheduled on 10 stops in FY20 rather than FY21 as previously planned. In addition, GoTriangle recommends proceeding with procurement of amenities for all 50 stops up front in order to access better prices and ensure amenities are in stock for installation as construction on each stop is completed. Therefore, GoTriangle, on behalf of GoDurham, is requesting an additional \$1,029,000 of funding from the Durham Transit Tax Fund to be pulled forward from the future funding pipeline into FY20. This is considered a material change to the plan per the existing Interlocal Agreement (ILA) because the request is for more than \$500,000 towards bus service. Therefore, the request must be approved by the governing boards of three parties to the ILA: GoTriangle, DCHC MPO, and the Durham Board of County Commissioners.

TC Action: Recommend that the Board approve amending the FY20 Durham Transit Tax Annual Work Plan to add \$1,029,000 for construction of bus stop improvements for GoDurham.

Attachments:[2020-01-22 \(20-113\) FY20 20GoT_CD2 Amendment - Material Change Memo.r](#)[2020-01-22 \(20-113\) FY20 20GoT_CD2 Amendment GoDurham Bus Stops Pro](#)

9. Submittal Candidates for SPOT 6 (45 minutes)[19-123](#)**Aaron Cain, LPA Staff**

DCHC MPO staff have worked with local government staff to determine the list of projects that will be submitted for scoring in SPOT 6. The calendar for submission is:

- January 22 - TC Review
- February 12 - MPO Board Review
- February 26 - TC Recommends Board Release List of Projects for Public Comment
- March 11 - MPO Board Releases List of Projects for Public Comment
- March 25 - TC Recommends Final List for Submittal
- April 8 - MPO Board Approves Final List for Submittal
- May 1 - Deadline for Submittal of Projects into SPOT Online

MPO staff has obtained preliminary scores for almost all of the current candidate highway projects. There are a few highway projects that do not fit well into the SPOT Online system and an accurate preliminary score cannot be obtained. Each highway project is scored on five criteria: Safety, Congestion, Cost-Benefit, Accessibility/Connectivity, and Freight (there are six criteria for modernization projects). Preliminary scores are only available for Congestion and Freight (and Shoulder Width for Modernization projects), and sometimes for Safety. However, preliminary scores can provide one data point of relative fundability among the candidate projects. A table of the preliminary scores for highway projects is attached.

DCHC MPO can submit 24 projects per mode in SPOT 6. Based on the preliminary scores, pre-submittal review done by NCDOT, and local and regional prioritization, MPO staff has developed a recommended list of 24 highway projects for SPOT 6 (see attachment). One project, U-6071, intersection improvements at NC 54 and Old Fayetteville Road, is under consideration as a carryover project and is assumed to be a carryover project at this time (carryover projects do not require a submittal slot for SPOT). Should the SPOT office determine that U-6071 is not a carryover project, one project would need to be removed from the submittal list in order to submit it.

At this time, DCHC MPO has a list of 30 bicycle/pedestrian projects, 23 transit projects, and 19 rail projects to submit for SPOT 6. Though the number of bicycle/pedestrian projects is above the limit of 24, Divisions 5 & 7 have in the past agreed to submit a few projects on behalf of DCHC. MPO staff hopes to continue that collaboration for SPOT 6, and therefore is keeping 30 projects on the candidate list. DCHC does not plan to submit any ferry or aviation projects in SPOT 6. Staff recommended submittals for bike/ped, transit, and rail projects are attached.

MPO staff will need the following from TC member organizations over the next three months:

- Submit any PE or ICE report you may have on any highway project to Aaron Cain. While SPOT Online does create a high-level cost estimate and NCDOT will do a preliminary design based on the description, if there is a particular design or more specific cost that you

have we can submit that to NCDOT for scoring.

- Coordinate with Dale McKeel on bicycle/pedestrian projects. NCDOT has released a new bicycle/pedestrian cost estimating tool for use in SPOT 6, but again if you have an ICE that is specific to your project that can be submitted.

- Coordinate with Aaron Cain for transit projects and rail projects. MPO staff will perform model runs for ridership for transit projects, and will need to work closely with transit agencies to ensure all necessary data is obtained for the submittals.

TC Action: Review the proposed submittal lists and, if prepared at this time, recommend that the MPO Board release the proposed lists for public review.

Attachments: [2020-01-22 \(19-123\) SPOT Highway Preliminary Scores.pdf](#)
[2020-01-22 \(19-123\) Staff Recommended Draft SPOT Bike-Ped Submittal List.r](#)
[2020-01-22 \(19-123\) Staff Recommended Draft SPOT Highway Submittal List.p](#)
[2020-01-22 \(19-123\) Staff Recommended Draft SPOT Rail Submittal List.pdf](#)
[2020-01-22 \(19-123\) Staff Recommended Draft SPOT Transit Submittal List.pdf](#)

REPORTS FROM STAFF:

10. Report from Staff [20-107](#)

Felix Nwoko, LPA Staff

TC Action: Receive report from Staff.

Attachments: [2020-01-22 \(20-107\) LPA staff report.pdf](#)

11. Report from the Chair [20-108](#)

Nishith Trivedi, TC Chair

TC Action: Receive report from the TC Chair.

12. NCDOT Reports [20-109](#)

Joey Hopkins (David Keilson/Richard Hancock), Division 5 - NCDOT

Mike Mills (Pat Wilson), 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: [2020-01-22 \(20-109\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS:

Adjourn

Next meeting: February 26, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings:

Joint Meeting of the DCHC-CAMPO MPO Boards, January 30, 2020, 9:00 a.m. - 11:30 a.m., Apex Town Hall, Training Room 3A & B, 73 Hunter St, Apex, NC.

Continental breakfast will be available at 8:30 a.m.

Meeting will start promptly at 9:00 a.m.