



Technical Committee Meeting Agenda

Wednesday, March 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 February 27, 2019 TC Meeting Minutes** [19-129](#)

A copy of the February 27, 2019 minutes is enclosed.

Attachments: [2019-03-27 \(19-129\) 2.27.19 TC Meeting_LPA2.pdf](#)

5. **Landscaping and Lighting of Roundabouts** [19-134](#)

Aaron Cain, LPA Staff

At its December 12, 2018 meeting, the DCHC MPO Board directed staff to investigate policies and procedures regarding the maintenance of landscaping and lighting for roundabouts. Based on feedback from all three Divisions in the DCHC MPO jurisdiction, staff has drafted a memo outlining those policies.

TC Action: Forward the memo to the MPO Board.

Attachments: [2019-03-27 \(19-134\) Landscaping and Lighting of Roundabouts.pdf](#)

ACTION ITEMS

6. **Presentation on SPOT 6 (15 minutes)** [19-132](#)

Jason Schronce, PE, NCDOT

Aaron Cain, LPA Staff

The SPOT 6 Work Group has begun work on developing the rules and formulas for SPOT 6, for which project entry will begin this summer. Jason Schronce, PE, heads the SPOT office and will give an overview of how SPOT works, changes being considered for SPOT 6, and to answer questions from TC members.

TC Action: Receive the presentation.

Attachments: [2019-03-27 \(19-132\) SPOT 6 Project Submittal Calendar.pdf](#)

7. Upgrades to DCHC MPO TIP Database (15 minutes)[19-131](#)**Caitlyn Meyer, Gannett Fleming/Geodecisions****Durmus Cesur, LPA Staff****Aaron Cain, LPA Staff**

DCHC MPO staff have been working with Gannett Fleming/Geodecisions over the past year to update and improve the MPO's web-based TIP database. The first phase of improvements have been implemented and a demonstration of the upgraded features will be provided.

TC Action: Receive the report on the TIP database upgrades.

8. NC Moves 2050 (20 minutes)[19-130](#)**Nastasha Earle-Young, NCDOT**

The N.C. Department of Transportation is conducting an update to its long-range transportation plan to guide North Carolina's future transportation policies and investments. NC Moves 2050 is a plan that will provide a 30-year transportation blueprint for the state. The plan is focused on creating a more responsive, diverse and inclusive transportation system for keeping people and freight moving safely and efficiently.

To develop the plan, NCDOT is conducting a two-year study that involves examining all aspects of North Carolina's transportation system, collecting information about its performance and anticipated challenges in the future, and engaging the public to capture thoughts about the state's biggest future challenges. This information will inform research into the drivers and opportunities that will potentially shape how the state's transportation system operates in the future. This research will aid in developing several potential alternative futures for the year 2050, while considering regional and statewide goals and challenges. The study includes an implementation plan that aligns future needs with infrastructure recommendations and transportation policies.

TC Action: Receive the report from NCDOT.

9. Triangle Regional Freight Plan (10 minutes)[19-128](#)**Andy Henry, LPA Staff**

The Technical Committee (TC) recommended that the MPO Board release the Triangle Regional Freight Plan in August 2018 and approve the Plan in September 2018. Some members of the MPO Board believed there were some deficiencies in the Freight Plan in that it did not adequately address the sharing of the North Carolina Railroad (NCRR) rail corridor by freight and passenger rail and did not address resiliency. In addition, the City of Durham wanted to make a few changes to the Strategic Freight Corridor (SFC). The attached presentation identifies how the Freight Plan and related efforts address these issues. The sharing of the NCRR corridor is being addressed through joint planning efforts by the NCRR, Norfolk Southern, North Carolina Department of Transportation (NCDOT), and GoTriangle. Resiliency is identified in the goals and objectives, and discussed in some other sections of the Plan. Staff worked with the City of Durham to make changes to the SFC.

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. Local government might want to consider some of the recommendations for their plans, programs and policies. Also, the Strategic Freight Corridor (SFC) section of the Plan is important for NCDOT to define and position projects suitable for freight specific funding.

The TC already recommended approval of the Freight Plan to the MPO Board in September 2018. However, given the lengthy period since that recommendation and the changes to the Plan, the TC could decide to re-recommend this version of the Freight Plan.

TC Action: Provide feedback on changes to the Triangle Regional Freight Plan, and/or recommend approval of the Triangle Regional Freight Plan.

Attachments: [2019-03-27 \(19-128\) Regional Freight Plan.pdf](#)

10. NC 54 West Corridor Study - Phase Two Update (5 minutes)[18-179](#)**Aaron Cain, LPA Staff**

The initial phase of the NC 54 West Corridor Study, a partnership between DCHC MPO, BGMPO, TARPO, and Division 7, was 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.

The study recommends a phased widening and intersection improvements of NC 54 between Graham and Carrboro to improve safety and address current and future congestion. While the results of this study received positive reviews from many of the participating jurisdictions, there are concerns from at least DCHC jurisdiction that the study did not fully develop multimodal options, account for the use of alternate commuting routes, and address the impact of a widening of NC 54 on local roads outside the corridor.

Therefore, DCHC MPO has initiated phase two of the study, which will:

- Confirm population and employment forecasts;
- Perform additional analysis to determine if transit and other improvements not on NC 54 will reduce demand;
- Assess impacts of widening on local roads;
- Assess potential for transit alternatives on NC 54; and
- Conduct additional public outreach.

Phase 2 of the study is expected to be completed this summer.

TC Action: This item is for informational purposes only, no action is required at this time.

11. 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 were 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 closing date for public comments is March 27, 2019.

Also included in the amendment are several projects from NCDOT, including a number of new statewide projects from the Public Transit Division. One request that NCDOT made was to move CMAQ funding for C-5183B, Alston Avenue Sidewalks, from FY19 to FY20, which could jeopardize the funding due to the pending federal CMAQ rescission. Staff recommends not including that project in the amendment.

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

TC Action: Recommend that the Board approve Amendment #11 to the FY2018-2027 TIP as shown, except for C-5183B.

Attachments: [2019-03-27 \(19-124\) TIP Amendment #11 Summary Sheet.pdf](#)
 [2019-03-27 \(19-124\) TIP Amendment #11 Full Report.pdf](#)
 [2019-03-27 \(19-124\) TIP Amendment #11 Resolution.pdf](#)

REPORTS FROM STAFF:**12. Report from Staff**[19-107](#)**Felix Nwoko, Andy Henry, LPA Staff**

The current TC roster is attached. Please review the roster and send any necessary updates to Aaron Cain. A reminder that, per the TC by-laws, any changes to the TC roster must come from the chief executive officer of each jurisdiction or agency.

TC Action: Receive report from Staff. Update the TC roster as necessary.

Attachments: [2019-03-27 \(19-107\) LPA staff report.pdf](#)
 [2019-03-27 \(19-107\) TC Roster 2019.pdf](#)

13. Report from the Chair [19-108](#)**Nishith Trivedi, TC Chair****TC Action:** Receive report from the TC Chair.**14. 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:** [2019-03-27 \(19-109\) NCDOT Progress Report.pdf](#)**INFORMATIONAL ITEMS:****Adjourn****Next meeting: April 24, 9 a.m., Committee Room****Dates of Upcoming Transportation-Related Meetings:
NCAMPO 2019 Conference April 24-26, Charlotte**