



## **Technical Committee Meeting Agenda**

Wednesday, April 25, 2018

9:00 AM

Durham Convention Center  
301 West Morgan Street  
Durham, NC 27701

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

### **CONSENT AGENDA**

4. **Approval of the March 28, 2018 TC Meeting Minutes** [18-131](#)

A copy of the March 28, 2018 minutes is enclosed.

**TC Action:** Approve the minutes of the March 28, 2018 TC meeting.

**Attachments:** [2018-04-25 \(18-131\) 3.28.18 TC Meeting Minutes\\_LPA2.pdf](#)

### **ACTION ITEMS**

5. **Initial Allocation of Local Input Points for Regional Impact Projects** [18-133](#)  
**(20 minutes)**

**Aaron Cain, LPA Staff**

On March 14, 2018, the DCHC MPO Board approved the revised Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Methodology for Identifying and Ranking New Transportation Improvement Program Project Requests (see attached), which was subsequently approved by NCDOT on March 15, 2018. The Methodology directs DCHC MPO staff to apply certain criteria to all Regional projects (and Statewide projects that cascade to the Regional level) as an initial determination of which projects should receive local points.

A memo is included with this agenda item describing the process to determining the initial list of projects, and issues that could be discussed. Attached to that memo is an initial list of projects to be assigned local points. Per the DCHC MPO Public Involvement Policy, the initial list of projects for local points must be released for a 21-day public review period.

DCHC MPO is free to deviate from the initial list for a variety of reasons, as described in the Methodology. Both the Methodology and state law require documentation of the reasons for deviation from the initial list.

**TC Action:** Develop an initial list of projects to receive local input points, and recommend that the MPO Board release that list for public review.

**Attachments:** [2018-04-25 \(18-133\) Initial Local Points Memo.pdf](#)  
[2018-04-25 \(18-133\) Initial Local Points Lists.pdf](#)  
[2018-04-25 \(18-133\) Adopted Local Input Points Methodology.pdf](#)

**6. MPO Collector Street Plan (20 minutes)**[18-134](#)**Andy Henry, LPA Staff**

The DCHC MPO and many of its local jurisdictions have collector street plans. However, many of these plans are dated and together they only cover a small portion of the MPO planning area. In addition, the LPA staff believes that some roadways that were included in the recently adopted Comprehensive Transportation Plan (CTP) and 2045 Metropolitan Transportation Plan (MTP) will be funded, built and function as collector streets, not as arterial roadways. The LPA staff is proposing that the MPO create an MPO-wide collector street plan. The attached presentation provides background on collector streets and collector street plans in the MPO.

**TC Action:** Discuss the LPA recommendation to complete an MPO-wide collector street plan and provide a recommendation to the MPO Board.

**Attachments:**      [2018-04-25 \(18-134\) MPOCollectorStreetPlan.pdf](#)

**7. Comprehensive Transportation Plan (CTP) Amendment (10 minutes)**[18-136](#)**Andy Henry, LPA Staff****Geoff Green, GoTriangle****Julie Bogle, NCDOT Transportation Planning**

GoTriangle has requested that the DCHC MPO and NCDOT amend the Comprehensive Transportation Plan (CTP) to change the section of Farrington Road between Southwest Durham Drive and the Falconbridge Road Extension from a four-lane divided to a two-lane cross-section. GoTriangle believes the required right-of-way reservation for the four-lane divided cross-section, which is 120', will hamper the zoning amendment approval process for the Durham-Orange Light Rail Transit's ROMF (Rail Operations and Maintenance Facility). In response to feedback from neighborhood residents and community leaders at multiple public meetings, the ROMF design features buffering including landscaping and visual barriers as well as the use of the topography to minimize views into the building. The additional right-of-way that would be required for the widening of Farrington Road included in the CTP would reduce the amount of buffering between the road and the site.

GoTriangle filed an application for a zoning map amendment and comprehensive plan amendment, and petition for annexation in March 2018. This process is on a tight deadline. The Planning Commission will review it in August or September 2018, and then Durham City Council will conduct a hearing in October and take action in November.

LPA staff believe that a two-lane cross-section is appropriate for that short section. The section of Southwest Durham Drive that is north of the Southwest Durham Drive/Farrington Road convergence will be a four-lane divided facility, and therefore capable of handling vehicles from the convergence of those 2 two-lane roadways. See the attached CTP close-up map and the map showing 2045 traffic volume from the Triangle Regional Model (TRM).

The MPO Public Involvement Policy (PIP) requires a 42-day public review for MTP and CTP adoption and major amendments. Given the high profile subject, the D-O LRT ROMF, LPA staff recommend conducting a public hearing.

**TC Action:** Discuss the proposed amendment and make a recommendation to the MPO Board.

**Attachments:** [2018-04-25 \(18-136\) CTPandROMF.pdf](#)  
[2018-04-25 \(18-136\) FarringtonRd2034Volume.pdf](#)

**8. Triangle Toll Study Update (10 minutes)**[18-135](#)**Andy Henry, LPA Staff**

The DCHC MPO, Capital Area MPO and NCDOT have hired the consultant WSP to conduct a tolling study in the Triangle region. The goal is to determine if toll lanes and/or managed lanes are advisable in the Triangle Region and to develop a strategy to address funding, equity and consensus building issues. The MPO Board received a pre-project presentation in November 2016 and sent a letter to the NCDOT Division 5 Engineer in March 2017 concerning equity issues related to toll lanes. The study has since produced a best practices report and conducted stakeholder meetings. LPA staff will provide a brief update on the most recently completed tasks.

A presentation is attached. The project Web page, [www.TriangleTollingStudy.com](http://www.TriangleTollingStudy.com), has additional information on the project including a copy of the best practices report and a more detailed copy of today's presentation.

**TC Action:** Receive presentation, provide comments and forward to MPO Board.

**Attachments:** [2018-04-25 \(18-135\) TriangleTollingStudy.pdf](#)

**9. Amendment #3 to the FY2018-2027 TIP (5 minutes)**[18-132](#)**Aaron Cain, LPA Staff**

Federal regulation 23 CFR 450.326 (d) requires that all MPO's incorporate language regarding performance targets into their TIPs. NCDOT has advised all MPOs to adopt the following language by May 2018 into their TIP:

***"The \_\_\_\_ MPO has established performance management targets for highway safety and for transit tier 2 providers that choose to participate in NCDOT's Group Transit Asset Management (TAM) Plan and will establish federally mandated performance management targets for infrastructure condition, congestion, system reliability, emissions, and freight movement. The \_\_\_\_ MPO anticipates meeting their identified targets with the mix of projects included in the TIP."***

This language is shown in the attached resolution, which upon adoption shall be incorporated into the DCHC MPO FY2018-27 TIP.

In addition, there are two projects to be amended. These are described in the attached summary sheet and full report.

**Board Action:** Recommend approval of Amendment #3 of the FY2018-27 TIP.

**Attachments:** [2018-04-25 \(18-132\) TIP Amendment #3 Full Report.pdf](#)

[2018-04-25 \(18-132\) TIP Amendment #3 Summary Sheet.pdf](#)

[2018-04-25 \(18-132\) TIP Amendment #3 Resolution.pdf](#)

**REPORTS FROM STAFF:****10. Report from Staff [18-107](#)****Felix Nwoko, LPA Staff****TC Action:** Receive report from Staff.**Attachments:** [2018-04-25 \(18-107\) LPA staff report.pdf](#)**11. Report from the Chair [18-108](#)****Ellen Beckmann, TC Chair****TC Action:** Receive report from the TC Chair.**12. NCDOT Reports [18-109](#)****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:** [2018-04-25 \(18-109\) NCDOT Progress Report.pdf](#)**INFORMATIONAL ITEMS:****Adjourn****Next meeting: May 23, 9 a.m., Committee Room****Dates of Upcoming Transportation-Related Meetings: None**