



## **Technical Committee Meeting Agenda**

Wednesday, October 23, 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 September 25, 2019 TC Meeting Minutes** [19-182](#)

A copy of the September 25, 2019 meeting minutes is enclosed.

**TC Action:** Approve the minutes of the September 25, 2019 TC meeting..

**Attachments:** [2019-10-23 \(19-182\) 09.25.19 TC Meeting\\_LPA2.pdf](#)

5. **2020 MPO Board and Technical Committee Meeting Schedule** [19-184](#)

**Aaron Cain, LPA Staff**

The 2020 MPO Board and Technical Committee meeting schedule is provided as an attachment.

**TC Action:** Adopt the 2020 MPO Technical Committee meeting schedule.

**Attachments:** [2019-10-23 \(19-184\) TAC TCC Meetings 2020.pdf](#)

### **ACTION ITEMS**

6. **Mobility and Safety Operations and Funding (20 minutes)** [19-186](#)

**John Grant, NCDOT Regional Traffic Engineer**

John Grant, the Regional Traffic Engineer for the Capital Region for NCDOT, will present information on safety funding and operations at the state level.

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

**Attachments:** [2019-10-23 \(19-186\) Mobility and Safety Field Operations.pdf](#)

**7. Goals for the Update of the Triangle Region TDM Plan**[19-181](#)**Shuchi Gupta, Triangle J Council of Governments****Andrea Eilers, Triangle J Council of Governments****Aaron Cain, LPA Staff**

The N.C. Department of Transportation (NCDOT) adopted a statewide Transportation Demand Management (TDM) Plan in 2004. In 2006 and 2007, organizations in the Triangle region came together to create the Triangle Region 7-Year Long Range TDM Plan. This Plan had a single goal of reducing annual growth in Vehicle Miles Traveled (VMT) by 25 percent, to support Senate Bill 953. The Triangle Region TDM Plan was first updated in 2014 to revise the list of activities and update the hotspots, which are targeted priority areas for funding under the program.

A second update to the Triangle Region TDM Plan is being done in 2019 and is expected to be completed by early 2020. This update is necessary for several reasons. First, the Triangle TDM Program has surpassed its original goal of 25 percent reduction in growth of VMT for many years and needs a more challenging goal. Second, Senate Bill 953 has since expired and, in the absence of any new goals, it is important to revisit and update the program's goals. Third, with new technology-based mobility entrants such as Uber and Lyft, the arrival of new modes such as scooters, concerns about congestion, and adverse impacts on health from increasing vehicular traffic, it is critical that the Triangle TDM Program makes itself more relevant to the changing transportation landscape. Lastly, the Triangle TDM Program has historically relied on VMT as the measurement of its success, though the program provides many additional benefits, such as reduced congestion, better environmental quality, reduced road construction, and better public health and safety. It is important to communicate these benefits to promote alternate commuting and mitigate the future anticipated challenges in the region arising from population increases, climate change impacts, and technological advances.

Staff from TJCOG plan to present the Triangle Region TDM Plan goals at the November 2019 MPO Board meeting and request that the goals be released for public comment. The schedule is to have the MPO Board conduct a public hearing and adopt the Triangle Region TDM Plan goals at its December meeting.

**TC Action:** Provide comment to staff on the Triangle Region TDM Plan goals and recommend that the MPO Board release the goals for public comment.

**Attachments:** [2019-10-23 \(19-181\) 2020 Draft Updated Triangle TDM Goals 10-14-19.pdf](#)  
[2019-10-23 \(19-181\) Draft Triangle Transportation Demand Management Update](#)  
[2019-10-23 \(19-181\) FY19 Annual Impact Report.pdf](#)  
[2019-10-23 \(19-181\) FY19 TDM Annual Executive Summary.pdf](#)

**8. 2020 Safety Performance Measures (10 minutes)**[19-185](#)**Andy Henry, LPA Staff**

Per federal statute, MPOs must adopt targets for their safety performance measures. MPOs may either adopt the targets developed by the state or they may develop their own. A resolution adopted by the MPO Board indicating the targets for 2020 must be adopted by February 27, 2020. Staff recommends adopting the NCDOT targets because the targets are ambitious, and using the NCDOT targets allows the MPO to use the NCDOT data. These targets would also be incorporated into the 2045 MTP.

The attached draft resolution includes NCDOT's safety performance measure targets, and the attached presentation provides further background and information on this item.

**TC Action:** Recommend that the MPO Board adopt the resolution endorsing the state's safety performance measure targets.

**Attachments:**[2019-10-23 \(19-185\) 2020 Safety Performance Targets Presentation.pdf](#)[2019-10-23 \(19-185\) 2020 Safety Performance Targets Resolution.pdf](#)

9. **2045 Metropolitan Transportation Plan -- Amendment #2 (MTP) (10 minutes)**

[19-151](#)

**Andy Henry, LPA Staff**

The MPO Board released Amendment #2 to the 2045 Metropolitan Transportation Plan (MTP) in September and conducted a public hearing in October. The MPO has not received any public comments on Amendment #2. There are two changes to the proposed amendment since the October Board meeting. A Board member asked that the description for high capacity transit service in central Durham (chapter 7 of the 2045 MTP report) reference North Carolina Central University (NCCU), and staff made this change. The performance measures table in chapter 4 has new targets for the safety performance measures -- this change is related to the safety measures item on this same agenda.

The final changes to the 2045 MTP report are shown in the attached Appendix 1 (i.e., highway project table), section 4 and section 7 of the report. A proposed resolution for adoption is attached.

There are several reasons for initiating this amendment, including:

- \* Ensure consistency with the FY 2020-2029 Transportation Improvement Program (TIP);
- \* Make new highway improvement projects eligible for SPOT 6.0 evaluation;
- \* Add premium transit projects to serve demand in the Durham-Orange Light Rail Transit (D-O LRT) corridor and to connect with Wake/Raleigh BRT projects;
- \* Clarify MPO policy on freeway access and on appropriate bike/pedestrian facilities on arterial roadways.
- \* Update the safety performance targets.

Note that the FY 2000-2029 TIP and the Transportation Conformity Determination Report (i.e., air quality) are related to Amendment #2 and will likely be adopted at the December Board meeting.

**TC Action:** Recommend that the MPO Board adopt Amendment #2 to the 2045 Metropolitan Transportation Plan (MTP) by resolution.

**Attachments:**      [2019-10-23 \(19-151\) 2045MTP-Amend2-Sec4 \(Excerpt\).pdf](#)  
[2019-10-23 \(19-151\) 2045MTP-Amend2-Appendix1.pdf](#)  
[2019-10-23 \(19-151\) 2045MTP-Amend2-Sec7 \(Excerpt\).pdf](#)  
[2019-10-23 \(19-151\) 2045MTP-Amend2-Resolution.pdf](#)

**10. NC 54 West Corridor Study - Phase Two (30 minutes)**[18-179](#)**Aaron Cain, LPA Staff**

Phase two of the NC 54 West Corridor Study was presented to the TC in August 2019. Local government staff made comments on the draft memo and exhibits for phase two in September 2019. A completed draft was released for public comment by the MPO Board on October 9, 2019. The public comment presentation schedule is as follows:

- October 15 - Carrboro Board of Aldermen
- October 24 - Public Meeting, Carrboro Town Hall
- October 30 - Chapel Hill Town Council
- November 7 - Orange County Board of Commissioners
- November 13 - MPO Board Public Hearing

The primary recommendation of the study is the widening of NC 54 from NC 119 in Alamance County to Old Fayetteville Street in Carrboro to four lanes with a median and sidepath for bicycle and pedestrian travel. The study also recommends installing several roundabouts along the corridor to improve traffic flow and safety at major intersections. If the MPO Board were to adopt the study, staff would then implement the recommendations by working with NCDOT to develop a project for the widening of NC 54, which would include recommending local points for such a project in SPOT.

**TC Action:** Recommend that the Board take one of the following actions on the NC 54 West Corridor Study (both phases):

- Adopt the Study; staff will actively work to implement the recommendations
- Receive the study; staff will take the recommendations under advisement but is not subject to them
- Reject the study; staff will actively work to not implement the recommendations
- Delay action; staff will bring the study back for consideration at a later time

**Attachments:**      [2019 10-23 \(18-179\) NC 54 West Corridor Study Draft Report October 2018.pdf](#)  
[2019 10-23 \(18-179\) NC 54 West Corridor Study Phase 2 Memo DRAFT.pdf](#)  
[2019 10-23 \(18-179\) NC 54 West Corridor Study Phase 2 Figures DRAFT.pdf](#)

**11. FY2020-2029 Transportation Improvement Program (10 minutes)**[19-183](#)**Aaron Cain, LPA Staff**

On September 6, 2019, the North Carolina Board of Transportation adopted the FY2020-2029 State Transportation Improvement Program (STIP). In order to be able to implement the program, the MPO Board is required to adopt the DCHC MPO Transportation Improvement Program (TIP, sometimes called the MTIP). The STIP and TIP must match for the first four years of the program.

Per the MPO's Public Involvement Policy, the TIP must be released for a 21-day public comment period. Staff will be asking the MPO Board to release the TIP for a 21-day public comment period at its November meeting, and to adopt the TIP at its December meeting. Once adopted, the Federal Highway Administration (FHWA) will review the TIP and STIP to ensure conformity. Once that review is complete, which is expected in March 2020, the FY2020-2029 TIP will go into effect.

Staff is currently working on the formatting of the TIP. It will be forwarded to the TC under separate cover no later than October 23, 2019.

**TC Action:** Recommend that the MPO Board release the TIP for a 21-day public comment period.

**12. Questions Regarding NCDOT's Complete Streets Policy and Implementation Guide (10 minutes)**[19-180](#)**Aaron Cain, LPA Staff**

On August 29, 2019, MPOs across North Carolina were provided NCDOT's new Complete Streets Policy and Implementation Guide. The Complete Streets Policy has the support of the N.C. Board of Transportation, and the Implementation Guide provides comprehensive guidance for incorporating a complete streets approach into NCDOT's planning, programming, design, and maintenance processes.

Hanna Cockburn, Director of the NCDOT Integrated Mobility Division, will be present at the November 2019 MPO Board meeting to answer questions about these documents. Ms. Cockburn has requested that as many questions as possible be sent to her in advance. Attached is a draft list of questions to be sent to Ms. Cockburn.

**TC Action:** Review the draft list of questions and suggest any changes or additional questions.

**Attachments:** [2019-10-23 \(19-180\) NCDOT Complete Streets Policy and Implementation Guide](#)  
[2019-10-23 \(19-180\) Questions about NCDOT's new Complete Streets Policy and](#)

[Implementation Guide.pdf](#)

**REPORTS FROM STAFF:**

13. **Report from Staff** [19-107](#)  
Felix Nwoko, LPA Staff  
TC Action: Receive report from Staff.  
*Attachments:* [2019-10-23 \(19-107\) 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), 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:* [2019-10-23 \(19-109\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS:****Adjourn**

**Next meeting: November 20, 9 a.m., Committee Room**

**Dates of Upcoming Transportation-Related Meetings:**

- **RTA BRT Opportunity Series – October 24, 2019 from 10:00 am-12 noon at the Nasher Museum of Art, Duke University <http://bit.ly/2p0g8aT>**