



Technical Committee Meeting Agenda

Wednesday, November 20, 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 October 23, 2019 TC Meeting Minutes**

[19-196](#)

A copy of the October 23, 2019 meeting minutes is enclosed.

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

Attachments: [2019-11-20 \(19-196\) 10.23.19 TC Meeting_LPA2.pdf](#)

ACTION ITEMS

5. Update of the Triangle Region TDM Plan (20 minutes)[19-181](#)**Dale McKeel, 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 Triangle J Council of Governments presented the Triangle Region TDM Plan Goals at the November 13 MPO Board meeting and release the plan goals for public comment. It is recommended that the MPO Board adopt the Triangle Region TDM Plan Goals at its December meeting.

TC Action: Review the Triangle Region TDM Plan Goals, provide comments, and recommend that the Board approve the Triangle Region TDM Plan Goals.

Attachments: [2019-11-20 \(19-181\) 2020 Draft Updated Triangle TDM Goals 10-14-19.pdf](#)
[2019-11-20 \(19-181\) Draft Triangle Transportation Demand Management Update](#)
[2019-11-20 \(19-181\) FY19 Annual Impact Report.pdf](#)
[2019-11-20 \(19-181\) FY19 TDM Annual Executive Summary.pdf](#)

6. **Durham and Orange County FY2019 Transit Tax Annual Report (20 minutes)** [19-121](#)

Jennifer Hayden, GoTriangle

Aaron Cain, LPA Staff

A presentation on the year-end reporting for FY2019 for the Durham and Orange County Transit Tax Districts, as well as accomplishments for the fiscal year, will be provided. The annual reports from GoTriangle are attached.

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

Attachments: [2019-11-20 \(19-121\) GoTriangle FY2019 Annual Report - Durham County.pdf](#)
[2019-11-20 \(19-121\) GoTriangle FY2019 Annual Report - Orange County.pdf](#)

7. **NC Moves 2050 Update (15 minutes)** [19-130](#)

Julie Bogle, NCDOT

NCDOT is conducting an update to its 30-year, long-range, transportation plan for the state, called NC Moves 2050, to guide North Carolina's future transportation policies and investments. This comprehensive, two-year study will identify statewide transportation system resources and needs. The study team is working with local governments to identify local transportation needs to ensure that North Carolina's transportation system keeps people and freight moving safely and efficiently to support communities and enhance the state's economy.

This plan presentation provides an update on study milestones, introduces objectives and actions that give context to the final survey, and encourages participation in the final "Future Needs" survey.

Since the previous presentation, completed items:

- "Drivers and Opportunities" task,
- four alternative future scenarios have been developed,
- second public survey, and
- a draft set of objectives and actions (based on feedback received during Phase II).

TC Action: Receive the report from NCDOT.

Attachments: [2019-11-20 \(19-130\) NC Moves Update November 2019.pdf](#)

8. Transportation Conformity Determination Report (10 minutes)[19-166](#)**Andy Henry, LPA Staff****John Hodges-Copple, TJCOG**

The MPO Board released of the Transportation Conformity Determination Report (CDR) at their September meeting and conducted a public hearing at their October meeting. The report demonstrates that certain pollutant emissions from the future transportation sector will not exceed a specified threshold by analyzing the emission impacts of the MPO's 2045 MTP and the FY 2020-2029 Transportation Improvement Program (TIP). The recent MTP amendment and TIP adoption necessitates this update to the CDR.

The attached CDR discusses the applicability of air quality regulations, the emissions budgets (i.e., thresholds for pollutant emissions), the financial, land use and transportation planning assumptions, and the methodology for calculating emissions for each county. Several documents from the CDR appendix were not ready at the time of the TC agenda distribution but will be presented at the TC meeting. The Report does not commit the MPO to any projects or programs that are not already in the MTP and TIP.

A resolution is attached that finds the 2045 MTP and FY 2020-2029 TIP in conformity the North Carolina State Implementation Plan.

TC Action: Review and comment on the Transportation Conformity Determination Report, and recommend that the MPO Board adopt the resolution based on the Transportation Conformity Determination Report.

Attachments: [2019-11-20 \(19-166\) Transportation CDR.pdf](#)
 [2019-11-20 \(19-166\) TransCDR Resolution.pdf](#)

9. Carryover Projects for SPOT 6 (10 minutes)[19-123](#)**Aaron Cain, LPA Staff**

Carryover projects are those that will be automatically submitted for consideration in SPOT 6. There are two types of carryover projects: developmental and sibling. Developmental projects are those that were funded in the last four years of the current (FY2020-2029) STIP. Sibling projects are the unfunded segments of a larger project which has had some segments funded in the ten-year STIP. All carryover projects must be rescored for SPOT 6, and can be removed from the upcoming FY2023-2032 STIP if they do not score well enough to be funded.

The list of carryover projects for DCHC in Division 5 and Division 7 for SPOT 6 is attached. There are no carryover projects in the DCHC portion of Division 8. Any requested modifications to or removal of carryover projects must be submitted to the SPOT Office by December 20. In most cases, removal of a carryover project allows for an additional project submission in that mode.

Two projects on the Division 5 list are highlighted. U-5720D will likely be removed by NCDOT because U-5518 has been extended to cover the bounds of U-5720D. U-5720C may be removed later in the process by NCDOT because it could be covered by U-5720B, which is a committed project. The removal of either or both of these projects will not create additional SPOT submittal slots for DCHC.

MPO staff has reviewed the list of carryover projects and does not recommend any modifications or removals. The TC is being asked to review the list of carryover projects and provide input on any potential modifications or removals.

TC Action: Review the list of carryover projects and provide input on modifications or removals to MPO staff.

Attachments: [2019-11-20 \(19-123\) List of Carryover Projects for SPOT 6.pdf](#)

10. FY2020-2029 Transportation Improvement Program (5 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.

The DCHC MPO Board released the TIP for a 21-day public comment period on November 13, 2019. Any comments received will be provided at the 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.

The Draft TIP is available on the MPO web site at <http://www.dchcmpo.org/programs/improvement/tip2029/default.asp>.

TC Action: Recommend that the MPO Board adopt the FY2020-2029 Transportation Improvement Program.

11. FY20 Unified Planning Work Program Amendment #1 (5 mins)[19-192](#)**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. The UPWP identifies MPO planning tasks to be performed with the use of federal transportation funds. Changes to the UPWP budget requires an amendment approved by the Board. Amendment #1 of the FY2020 UPWP proposes to allocate Surface Transportation Block Grant-Direct Attributable (STBG-DA) funds to the Town of Hillsborough for a planning study, de-obligate STBG-DA funds from the City of Durham, and re-allocate STBG-DA funds among task codes for Durham County, as requested by each jurisdiction. The attached memorandum and resolution provide details.

TC Action: Recommend the Board approve the FY20 Unified Planning Work Program Amendment #1.

Attachments: [2019-11-20 \(19-192\) Memo FY20 UPWP Amend 1.pdf](#)
[2019-11-20 \(19-192\) FY20 UPWP Amend #1 resolution with table.pdf](#)

REPORTS FROM STAFF:

12. **Report from Staff** [19-107](#)
Felix Nwoko, LPA Staff
TC Action: Receive report from Staff.
Attachments: [2019-11-20 \(19-107\) LPA staff report.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), 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: [2019-11-20 \(19-109\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS:**Adjourn**

Next meeting: December 18, 9 a.m., City Council Chambers, 1st Floor

Dates of Upcoming Transportation-Related Meetings:

2020 NC Transportation Summit - January 8-9, 2020, Raleigh, NC