



Technical Committee Meeting Agenda

Wednesday, September 23, 2020

9:00 AM

Meeting to be held by teleconference.

Watch on Facebook Live at <https://www.facebook.com/MPOforDCHC/>

Any member of the general public who wishes to make public comment should send an email to aaron.cain@durhamnc.gov and the comment will be read to the Committee during the public comment portion of the meeting.

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

CONSENT AGENDA

4. **Approval of the July 22, 2020 TC Meeting Minutes** [20-161](#)

A copy of the July 22, 2020 meeting minutes is attached.

TC Action: Approve the minutes of the July 22, 2020 TC meeting.

Attachments: [2020-09-23 \(20-161\) 7.22 TC Minutes.pdf](#)

ACTION ITEMS

5. **STIP Reprogramming (10 minutes)** [20-165](#)

Anne Phillips, LPA Staff
Aaron Cain, LPA Staff

NCDOT has recently performed a reprogramming exercise to ensure that the STIP remains fiscally constrained in light of the COVID-19 pandemic and its resulting impact on revenues, the passage of House Bill 77 into law, and project cost increases that occurred over the past year.

The proposed STIP now goes to 2032 instead of 2029. A list of DCHC projects affected by the STIP reprogramming exercise is attached.

Members of the TC and MPO Board have expressed concerns about the schedules of some of DCHC's reprogrammed projects. LPA staff will meet with staff from NCDOT's STIP office on September 16 to convey these concerns. LPA staff will provide an update on the reprogramming based on this conversation with the STIP office.

TC Action: This item is for informational and discussion purposes.

Attachments: [2020-09-23 \(20-165\) STIP Reprogramming Project List.pdf](#)

6. Alternate Scoring Criteria for SPOT 6 (10 minutes)[19-123](#)**Anne Phillips, LPA Staff**

According to the Strategic Transportation Investments (STI) law, alternate scoring criteria can be used for highway projects for SPOT 6.0 if there is concurrence among Divisions and their respective MPOs and RPOs. Division 5 and its MPOs and RPOs support moving all points from the Freight and Accessibility and Connectivity categories to the Safety category. Divisions 7 and 8 and their respective MPOs and RPOs are currently discussing whether to move all points from the Freight category to the Safety category. MPO staff supports the proposed alternate criteria for all three Divisions.

While NCDOT Regions can also make changes to the scoring criteria for Regional Impact projects, there is not yet concurrence for Region C (includes Divisions 5). Regions D and E have not discussed alternate scoring criteria since there is not yet concurrence at the Division level.

Area specific weights are due to the SPOT office on October 23, 2020.

TC Action: Recommend that the MPO Board endorse the proposed alternate criteria for highway projects in SPOT 6.0.

Board Action: Endorse the proposed alternate criteria for highway projects in SPOT 6.0.

Attachments: [2020-09-23 \(19-123\) Alternative Weights Options for SPOT 6 Version2.pdf](#)

7. 2050 MTP - SE Data and TRM (20 minutes)[20-170](#)**Andy Henry, LPA**

At their September meeting, the MPO Board approved the Goals/Objectives, Public Engagement Plan and schedule for use in developing the 2050 Metropolitan Transportation Plan (MTP). The next few milestones in the 2050 MTP process include:

- SE Data and TRM -- Approve the socioeconomic data (SE Data) and Triangle Regional Model (TRM) for use in developing the 2050 MTP. The land use model, which uses the Community Visualization software system, will be used to forecast the SE Data.
- Deficiency and Needs Analysis - Once the SE Data and TRM are approved, the MPO will identify deficiencies and needs by modeling the 2050 population and employment on today's transportation network, i.e., a no build scenario. In previous MTP processes, the Deficiency and Needs Analysis was not released for public comment and only used TRM output data for analysis. See the 2045 MTP Deficiency Analysis at this Web page:

<http://www.dhcmpo.org/programs/transport/2045mtp.asp#tabs6>

<http://www.dhcmpo.org/programs/transport/2045mtp.asp>

Staff will discuss these next milestones, and present the population and employment guides totals as the next step in the SE Data/TRM milestones. See the attached table of population and employment guide totals.

TC Action: Provide comments to staff on the process for the next milestones and steps.

Attachments: [2020-09-23 \(20-170\) 2050 MTP SE Data.pdf](#)

8. Triangle Region ITS Strategic Deployment Plan Update (15 minutes)[20-167](#)**Felix Nwoko, LPA Staff****Jody Lewis, VHB****Casey Chae, LPA Staff**

The Triangle Regional ITS Deployment Plan was updated by a consultant team led by VHB Engineering NC, P.C. and joined by Iteris and ICF. The updated Triangle Regional ITS Deployment Plan reflects the current status of ITS deployments in the region and to identifies recommended deployments over the next 10 years. The recommendations in the plan are intended to guide the continued implementation of strategies and technologies to improve safety and reliability of the regional transportation system. The update was prepared with the assistance and guidance of both CAMPO and the DCHC MPO and involved extensive participation by NCDOT and all local municipalities, transit agencies, and emergency service providers in the Triangle Region. The main report is attached and also can be downloaded from DCHC website

(http://www.dhcmpo.org/programs/local/triangle_region_its_strategic_deployment_plan_update.asp). The presentation file is also attached.

TC Action: Recommend Board approval of the Triangle Regional ITS Deployment Plan.

Attachments:[2020-09-23 \(20-167\) Main_Report_062020 Triangle ITS Deployment Plan Upde](#)[2020-09-23 \(20-167\) Triangle Region ITS Deployment Plan Update Presentatio](#)**9. Mobility Report Card 2019 (15 minutes)**[20-168](#)**Felix Nwoko, LPA staff****Alex Bell, Renaissance Planning****Casey Chae and Jaehoon Kim, LPA staff**

The DCHC MPO has recently completed the 2019 Mobility Report Card (MRC), a comprehensive assessment of multimodal travel trends and system performance addressing vehicular level of service, travel time reliability, bicycle and pedestrian travel, transit, and safety. The MRC is part of the MPO's Congestion Management Process (CMP), which is a FAST Act requirement. Specifically, the MRC supports the following components of the CMP: development of multimodal performance measures, analysis of data, and quantification/summarization of system performance. The presentation slides and the executive summary for the Mobility Report Card are attached. The main report along with the technical appendix can be downloaded from the DCHC MPO website (<http://www.dhcmpo.org/programs/cmp/default.asp#tabs2>).

TC Action: Recommend Board approval of the 2019 Mobility Report Card.

Attachments:[2020-09-23 \(20-168\) MRC_2019_PPT_Executive_Summary_LowResolution.pdf](#)[2020-09-23 \(20-168\) MRC_2019_PPT_TCC_Board.pdf](#)

10. State of the Region Report (15 minutes)[20-172](#)**Felix Nwoko, LPA staff****Alex Bell, Renaissance Planning**

The DCHC MPO has recently completed the 2019 State of the Region report, a synopsis of demographic and economic trends affecting travel behavior and transportation system performance in the DCHC region. The report is organized into five chapters addressing demographics, the regional economy, regional structure and commuter flows, mobility metrics, and safety. The report sheds light on how the transportation system supports DCHC's goals of providing great quality of life, economic viability, and promoting environmental sustainability through transportation investments by providing a data-focused evaluation of the issues that affect - and are affected by - transportation. The State of the Region presentation slides and the report are attached.

TC Action: Receive Report, provide comments as appropriate and recommend to the Board to endorse the Report.

Attachments: [2020-09-23 \(20-172\) SOTR_2019_7-23_Low Resolution.pdf](#)
[2020-09-23 \(20-172\) SOTR_2019_PPT_TCC_Board.pdf](#)

11. Surface Transportation Block Grant - Direct Attributable (STBG-DA) and Transportation Alternative Program (TAP) Funding Distribution for FY22 (5 minutes)[20-169](#)**Felix Nwoko, LPA Staff**

On October 14, 2015, the MPO Board approved the formula and policy to distribute STBG-DA and TAP funds to subrecipients for fiscal years 2017 through 2025 with the expectation that each year, prior to development of the next year's Unified Planning Work Program (UPWP), the actual STBG-DA and TAP allocation to the DCHC MPO would be entered into the formula as would the most recent certified National Transit Database (NTD) data (to be used in calculating the distribution to transit agencies). Attached is a table with the FY22 STBG-DA and TAP funding available to the MPO and the allocation resulting from the formula. Approval of this allocation will commence the FY21 UPWP development as agencies may choose to use the allocation for planning purposes, and thus must program funds in the FY22 UPWP. The FY22 UPWP development schedule is also attached.

TC Action: Recommend the Board approve the FY22 distribution of STBG-DA and TAP funds.

Attachments: [2020-09-23 \(20-169\) FY 2022 UPWP development schedule.pdf](#)
[2020-09-23 \(20-169\) FY22 - STBG and TAP Distribution Table by Agency1.pdf](#)

REPORTS FROM STAFF:

12. Report from Staff [20-107](#)**Felix Nwoko, LPA Staff**

There will be a Virtual Transit Summit for the update of the Orange County Transit Plan on October 1 from 5:00-8:00. Information about the summit is attached in English and Spanish, please spread the word through your communities. More information and a link to a survey on the plan are available at octransit2020.com.

TC Action: Receive report from Staff.

Attachments: [2020-09-23 \(20-107\) LPA staff report.pdf](#)
[2020-09-23 \(20-107\) OC_TS_Flyer.pdf](#)
[2020-09-23 \(20-107\) OC_TS_Flyer_Spanish.pdf](#)

13. Report from the Chair [20-108](#)**Nishith Trivedi, TC Chair**

TC Action: Receive report from the TC Chair.

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

Joey Hopkins (David Keilson, Richard Hancock), Division 5 - NCDOT
Wright Archer (Pat Wilson, Stephen Robinson), 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: [2020-09-23 \(20-109\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS:**Adjourn**

Next meeting: October 28, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings: None