



**DCHC MPO Board  
Meeting Agenda**

Wednesday, December 14, 2016

9:00 AM

Committee Room 2nd Floor  
Durham City Hall 101 City Hall Plaza  
Durham, NC 27701

**1. Roll Call****2. Ethics Reminder**

It is the duty of every Board member to avoid conflicts of interest. Does any Board member have any known conflict of interest with respect to any matters coming before the Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

**3. Adjustments to the Agenda****4. Public Comments****5. Directives to Staff**[16-100](#)

**Attachments:** [2016-12-14 \(16-100\) MPO Board Directives to Staff.pdf](#)

**CONSENT AGENDA****6. November 9, 2016 Board Meeting Minutes**[16-208](#)

A copy of the November 9, 2016 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the November 9, 2016 Board meeting.

**Attachments:** [2016-12-14 \(16-208\) MPO Board Minutes 11.9.16\\_LPA2.pdf](#)

**ACTION ITEMS****7. I-40 Feasibility Study (15 minutes)**[16-204](#)**Derrick Lewis, NCDOT Feasibility Studies Unit**

The NCDOT hired a consultant to conduct a traffic forecast and feasibility study (FS-1205A) for adding capacity to I-40 (I-85 to Wade Avenue). Derrick Lewis, NCDOT Feasibility Studies Unit, will present the feasibility study method, results and recommendations, and answer questions from the MPO Board. A presentation on the I-40 feasibility study is attached.

**TC Action:** Received presentation of I-40 feasibility study and recommended a presentation to the MPO Board.

**Board Action:** Receive presentation of I-40 feasibility study.

**Attachments:** [2016-12-14 \(16-204\) I-40 Feasibility Study.pdf](#)

**8. NC 147 Feasibility Study (15 minutes)**[16-205](#)**Matthew Potter, AECOM**

The NCDOT hired AECOM to conduct a traffic forecast and feasibility study (FS-1205C) for adding capacity to NC 147 (NC 55 to I-40). AECOM will present the feasibility study method, results and recommendations, and answer questions from the MPO Board. A presentation on the NC 147 feasibility study is attached.

**TC Action:** Received presentation of the NC 147 feasibility study and recommended a presentation for the MPO Board.

**MPO Action:** Receive presentation of the NC 147 feasibility study

**Attachments:**      [2016-12-14 \(16-205\) NC 147 Feasibility Study.pdf](#)

9. **2040 MTP Amendment #3 and D-O LRT LPA (Extension to NCCU) -- (10 minutes)** [16-192](#)

**Andy Henry, LPA Staff**

**Patrick McDonough, GoTriangle**

At the 10/19 Board meeting, the MPO released for public comment an amendment to the Locally-Preferred Alternative (LPA) for the Durham-Orange Light Rail Transit system (D-O LRT) and an amendment to the 2040 Metropolitan Transportation Plan (MTP). Both amendments are to extend the D-O LRT from Alston Avenue to a station at the North Carolina Central University (NCCU). Engineering studies have shown that the extension is technically feasible and modeling indicates the added station will generate high ridership.

The MPO Board held a public hearing on the amendments at their November meeting. The public comment period ended December 6, 2016. The MPO received a few public comments, which are attached. GoTriangle needs the amendment to be completed by the end of December 2016 to keep the D-O LRT project moving forward. The following MPO Web page provides details and a map on these amendments:  
<http://bit.ly/NCCUExtension>

The following resolutions are attached:

- \* 2040 MTP Amendment #3 and exhibit; and,
- \* Amendment for the Locally Preferred Alternative of the Durham-Orange County Transit Corridor.

**TC Action:** Recommended that the MPO Board approve the amendment to the Locally Preferred Alternative for the Durham-Orange County Transit Corridor and Amendment #3 to the 2040 Metropolitan Transportation Plan, and authorize the MPO Board Chair to sign the corresponding resolutions.

**Board Action:** Approve the amendment to the Locally Preferred Alternative for the Durham-Orange County Transit Corridor and Amendment #3 to the 2040 Metropolitan Transportation Plan, and authorize the MPO Board Chair to sign the corresponding resolutions.

**Attachments:** [2016-12-14 \(16-192\) DO-LRT LPA Amendment.pdf](#)  
[2016-12-14 \(16-192\) 2040MTPAmend#3Resolution.pdf](#)  
[2016-12-14 \(16-192\) PublicComments.pdf](#)

**10. Durham-Orange Light Rail Transit (DOLRT) -- Funding (15 minutes)**[16-206](#)**Meg Scully, LPA Staff****Patrick McDonough, Danny Rogers, Geoff Green, GoTriangle Staff**

The financial plan for the DOLRT needs additional funding to mitigate the effects of several set backs, including a change in state transportation funding legislation and lower federal caps on annual funding outlays. GoTriangle has requested that the MPO consider committing, from the portfolio of funds distributed by the MPO, \$2 million in federal funds per year for ten years beginning in FY2020 to the DOLRT. GoTriangle needs a decision on any such allocation by December 2016 to meet an FTA deadline.

Each year, the MPO is allocated and then distributes approximately \$4.6 million in Surface Transportation Block Grant Program (STBGP) funds according to a policy approved by the Board in 2017. Funds are programmed in the Unified Planning Work Program (UPWP) for planning purposes, may be programmed for non-highway infrastructure projects, or flexed to transit agencies. (See attachment for formula and additional information.) The MPO also receives and distributes Congestion Mitigation/Air Quality funds to eligible projects that demonstrate an emissions benefit. The MPO allocation will be \$2,377,986 in FFY18 and \$2,421,517 in FFY19, and is expected to continue in future years. Projects funded by the MPO through the CMAQ program include the regional TDM program, new bus service and acquisition, and bicycle and pedestrian projects. In addition, the MPO has received approximately \$350,000 per year in federal Transportation Alternative Program (TAP) funding and through a competitive selection process funded regional bicycle and pedestrian projects including portions of Old Chapel Hill/Durham Road and Morgan Creek Greenway projects.

The TC and TC Subcommittee met to discuss the possibility of using STBGP, CMAQ and/or TAP funding to help fill the D-O LRT funding gap. The subcommittee recommendation is below, and several reference documents are attached including: STBGP-TAP Distribution Chart, the draft MOU, and the GoTriangle presentation.

**TC Action:** Recommended Board adopt non-binding MOU to identify 20 million dollars from federal funding sources over ten years (\$2 million/year) beginning in FY2020 to support the DOLRT project, but hold harmless (i.e. maintain formula percentage of funding) of STBGP Local Discretionary amounts for Chatham County, Hillsborough and Carrboro as well as STBGP Transit. This recommendation assumes that if the DOLRT project is not constructed, these funds will not be committed to the project.

By June 2018, at which time the MPO will be asked to commit these local funds, the MPO will determine from which funding source(s) (ex. STBGP Local Discretionary, STBGP Regional Bicycle and Pedestrian, and/or CMAQ) the \$2 million per year/\$20 million total will be drawn. To date, the STBGP and CMAQ funds have been used to support LPA, TJCOG and local jurisdiction planning staff as well as the development of bicycle and pedestrian projects and bus transit.

**Board Action:** Approve and authorize the Board Chair to sign the non-binding MOU to work to identify 20 million dollars from federal funding sources over ten years (\$2 million/year) beginning in FY2020 to support the DOLRT project, but hold harmless (i.e. maintain formula percentage of funding) of STBGP Local Discretionary amounts for Chatham County, Hillsborough and Carrboro as well as STBGP Transit.

**Attachments:** [2016-12-14 \(16-206\) GoTriangle MPO MOU DOLRT funding.pdf](#)  
[2016-12-14 \(16-206\) 0206 PRES DCHCMPO-Other-Federal-Funding-Final 16](#)  
[2016-12-14 \(16-206\) STBGP TAP distribution DOLRT funding.pdf](#)

**11. Comprehensive Transportation Plan (CTP) -- Release Draft (15 minutes)** [16-183](#)

**Andy Henry, LPA Staff**  
**Julie Bollinger, NCDOT**

MPO, local government and NCDOT staff have reviewed and developed the tables and maps of the different modes in the draft Comprehensive Transportation Plan (CTP) over the last several months. MPO staff has provided updates to the MPO Board throughout the development process. The Technical Committee (TC) requests that the MPO Board release the draft CTP for a three-month public input process, following this schedule:

- \* December 2016 -- Board release draft CTP for public input.
- \* January/February 2017 -- Local review, public workshops and public hearing.
- \* March 2017 -- MPO Board adopt CTP.

MPO staff has already begun to work with local staff to arrange presentations and reviews by their transportation related boards and commissions, as well as by local elected officials. Once the CTP is adopted in March 2017, the MPO will work on alternatives for a fiscally-constrained subset of transportation projects to develop the 2045 Metropolitan Transportation Plan (MTP).

A presentation is attached. The draft CTP maps and documents are available at the MAP and REPORTS tabs on the following NCDOT Web page: <http://bit.ly/DCHCMPO-CTP>. All the current Thoroughfare Plans in the DCHC MPO are also available at the RESOURCES tab of that Web page. The MPO will also create and have available interactive online maps for public use.

**TC Action:** Recommend that the MPO Board release the draft CTP for public input.

**Board Action:** Release the draft CTP for public input.

**Attachments:** [2016-12-14 \(16-183\) CTP Presentation.pdf](#)

**12. 2017 MPO Board and Technical Committee Meeting Schedule** [16-202](#)  
**Felix Nwoko, LPA Staff**

The 2017 MPO Board and Technical Committee meeting schedule is provided as an attachment.

**Board Action:** Adopt the 2017 MPO Board and Technical Committee meeting schedule.

**Attachments:** [2016-12-14 \(16-202\) TAC TCC Meetings 2017.pdf](#)

**13. Election of DCHC MPO Board Officers for 2017 (10 minutes)**[16-200](#)**Steve Schewel, Board Chair****Felix Nwoko, LPA Staff**

The election of DCHC MPO Board officers for the upcoming calendar year occurs during the last MPO Board meeting of every year. In November 2016 the MPO Board Chair appointed Committee members Bernadette Pelissier, Ellen Reckhow, Jim G. Crawford and Don Moffitt to the MPO Officer Nominating Committee and requested that the Nominating Committee bring recommendations for a 2017 Chair and Vice-Chair back to the MPO Board in December.

The MPO Board Bylaws state that the term for Chair and Vice-Chair are one-year and officers cannot serve more than two consecutive terms. In addition, the Chair shall rotate among the jurisdictions represented in Durham County, Orange County, and Chatham County so that successive Chairs come from different counties. For example, if the Chair is from the City of Durham or Durham County, the next Chair shall be from Carrboro, Chapel Hill, Hillsborough, Orange County, or Chatham County. The Vice-Chair shall be from a jurisdiction located in one of the two other counties.

Steve Schewel and Damon Seils are in their first terms as Board Chair and Vice-Chair, respectively, and are therefore eligible to serve another term in their current offices.

**Board Action:** Receive recommendations from the Nominating Committee and elect a MPO Board Chair and Vice-Chair for 2017.

**REPORTS:****14. Report from the Board Chair**[16-101](#)**Steve Schewel, Board Chair**

**Board Action:** Receive the report from the Board Chair.

**15. Report from the Technical Committee Chair**[16-102](#)**David Bonk, TC Chair**

**Board Action:** Receive the report from the TC Chair.

**16. Report from LPA Staff**[16-103](#)**Felix Nwoko, LPA Manager**

**Board Action:** Receive the report from LPA Staff.

**Attachments:** [2016-12-14 \(16-103\) LPA staff report.pdf](#)

17. **NCDOT Report** [16-104](#)  
Joey Hopkins (David Keilson/Richard Hancock), Division 5 - NCDOT  
Mike Mills (Pat Wilson/Ed Lewis), Division 7 - NCDOT  
Brandon Jones (Jen Britt), Division 8 - NCDOT  
Julie Bollinger, Transportation Planning Branch - NCDOT  
Kelly Becker, Traffic Operations - NCDOT  
Board Action: Receive the reports from NCDOT.  
**Attachments:** [2016-12-14 \(16-104\) NCDOT Progress Report.pdf](#)

### **INFORMATIONAL ITEMS**

18. **Recent News Articles and Updates** [16-105](#)  
**Attachments:** [2016-12-14 \(16-105\) news\\_articles.pdf](#)
19. **DCHC MPO Annual Analytics Report** [16-211](#)  
**Attachments:** [2016-12-14 \(16-211\) 2016 12 DCHC MPO Analytics Updated Amended.pdf](#)

### **Adjourn**

**Next meeting: January 11, 9 a.m., Committee Room**

**Dates of Upcoming Transportation-Related Meetings: None**