



**DCHC MPO Board
Meeting Agenda**

Wednesday, May 9, 2018

9:00 AM

Council Chambers 1st 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**[18-100](#)

Attachments: [2018-05-09 \(18-100\) MPO Board Directives to Staff.pdf](#)

CONSENT AGENDA**6. April 11, 2018 Board Meeting Minutes**[18-137](#)

A copy of the April 11, 2018 Board meeting minutes is enclosed.

Board Action: Approve the minutes of the April 11, 2018 Board meeting.

Attachments: [2018-05-09 \(18-137\) MPO Board Meeting Minutes 4.11.18 LPA2.pdf](#)

ACTION ITEMS

7. Managed Motorways Presentation (30 minutes)[18-138](#)**Will Letchworth, WSP USA**

At the request of the DCHC MPO Board at its April 2018 meeting, Will Letchworth from WSP will make a presentation on Managed Motorways. Managed Motorways is a concept that Secretary Trogon is encouraging divisions and planning organizations to consider as they look to relieve congestion on urban highways. The Managed Motorways concept is a collection of strategies and technologies that work in concert to manage freeways and provide enhanced safety, improved reliability, decreased congestion, and traveler information. Managing a freeway can restore one or more lanes of capacity at a fraction of the cost of adding an additional lanes. WSP has performed a high level screening of corridors throughout North Carolina and identified I-40 from Wade Avenue to NC 54 as a potential corridor that could benefit from the Managed Motorways concept. This segment was submitted by NCDOT Division 5 and funded in the statewide tier in the latest round of NCDOT prioritization.

Board Action: No action is required at this time, this item is for informational purposes only.

Attachments: [2018-05-09 \(18-138\) Managed Motorways Presentation.pdf](#)

8. Initial Allocation of Local Input Points for Regional Impact Projects[18-133](#)**(30 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 comment 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.

LPA staff is prepared to bring the DCHC MPO Board a final recommended allocation of local input points for adoption at the Board's June meeting. However, NCDOT has pushed back its timeline for the Divisions to release their initial list of projects to receive points to May 31, and for the Divisions to hold public comment on local points allocation in June. This timetable will not allow the DCHC MPO TC to incorporate the Divisions' plans for local points into their recommendation to the Board. In order to best allow the DCHC MPO staff and TC to work with the Divisions, a final review for the TC should be scheduled in June and the Board in July. The DCHC MPO Board does not typically meet in July, so staff needs the Board to approve an additional meeting.

TC Action: Recommended that the MPO Board release the initial list of projects for local points for public comment.

Board Action: Provide input on the initial list of projects for local points and release the initial list for public comment. Provide guidance to LPA staff on scheduling for approval of local input points.

Attachments:[2018-05-09 \(18-133\) Initial Allocation of Local Points Memo.pdf](#)[2018-05-09 \(18-133\) Initial Allocation of Local Points for Public Review.pdf](#)[2018-05-09 \(18-133\) Adopted Local Input Points Methodology.pdf](#)

9. 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 site, 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.

Board Action: Receive presentation and provide comments.

Attachments: [2018-05-09 \(18-135\) TriangleTollStudy.pdf](#)

10. 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 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 MPO 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 MPO staff presentation on collector street plans and direct staff to complete an MPO-wide collector street plan

Board Action: Receive and discuss the MPO staff presentation on collector street plans and direct staff to complete an MPO-wide collector street plan

Attachments: [2018-05-09 \(18-134\) CSP.pdf](#)

11. Comprehensive Transportation Plan (CTP) Amendment #1 (10 minutes)[18-136](#)**Andy Henry, LPA Staff**

The MPO staff has requested that the DCHC MPO and NCDOT amend the Comprehensive Transportation Plan (CTP) to change the proposed future configuration of the portion of Farrington Road between Southwest Durham Drive and the Falconbridge Road Extension from a four-lane divided to a two-lane cross-section. Staff believes that a two-lane cross-section is more appropriate for that short portion. The portion of Southwest Durham Drive that is north of the Southwest Durham Drive/Farrington Road convergence (i.e., close to where the converged roadway crosses I-40) is defined as a future four-lane divided facility. As a result, the converged section will be capable of handling the combined vehicles to/from the 2 two-lane roadways to the south. See the attached CTP close-up map and the map showing 2045 traffic volume from the Triangle Regional Model (TRM).

The MPO staff became aware that the identified portion of Farrington Road was defined as a four-lane cross-section when GoTriangle staff inquired about the future status of the roadway. GoTriangle inquired about the roadway because the agency has submitted the Durham-Orange Light Rail Transit's ROMF (Rail Operations and Maintenance Facility) for the City of Durham development review process requesting a zoning map amendment, a comprehensive plan amendment and annexation by the City of Durham. The MPO and GoTriangle do not want to wait for a future CTP amendment cycle to make this Farrington Road cross-section change because the required right-of-way for the currently defined four-lane cross-section would reduce the proposed buffering between the ROMF and the roadway. The buffering is mutually desired by GoTriangle and the neighboring community.

The MPO Public Involvement Policy (PIP) requires a 42-day public review for MTP and CTP adoption and major amendments. Staff recommends the following schedule:

- * May 9 -- MPO Board release CTP amendment #1 for 42-day public comment period
- * June 13 -- MPO Board conduct public hearing
- * August 8 -- MPO Board adopt CTP amendment #1 (the MPO Board commonly does not meet in July)
- * August/September -- North Carolina Board of Transportation (BOT) adopt CTP amendment #1

TC Action: Receive staff presentation and release CTP amendment #1 for 42-day public comment period.

Board Action: Receive and discuss staff presentation and release CTP amendment #1 for 42-day public comment period.

Attachments: [2018-05-09 \(18-136\) CTPandROMF.pdf](#)
[2018-05-09 \(18-136\) FarringtonRd2045Volume.pdf](#)
[2018-04-25 \(18-136\) FarringtonRd2034Volume.pdf](#)

12. 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 one locally initiated project to be amended, C-5650, South Greensboro Street Sidewalks, as well as several modifications and additions from NCDOT. These are described in the attached summary sheet and full report.

Finally, the Board should be aware that there was a recent case in federal court, South Coast Air Quality Management District v. EPA, requires amendments to MTPs and TIPs to further reviews for air quality than has been required in recent years. While this amendment can go forward, future amendments to the TIP that involve highway projects will most likely be delayed.

TC Action: The TC recommended approval of Amendment #3 of the FY2018-27 TIP as shown.

Board Action: Approve Amendment #3 of the FY2018-27 TIP.

Attachments: [2018-05-09 \(18-132\) TIP Amendment #3 Full Report.pdf](#)
[2018-05-09 \(18-132\) TIP Amendment #3 Summary Sheet.pdf](#)
[2018-05-09 \(18-132\) TIP Amendment #3 Resolution.pdf](#)

REPORTS:**13. Report from the Board Chair**[18-101](#)**Damon Seils, Board Chair**

Board Action: Receive the report from the Board Chair

14. Report from the Technical Committee Chair[18-102](#)**Ellen Beckmann, TC Chair**

Board Action: Receive the report from the TC Chair.

15. **Report from LPA Staff** [18-103](#)
Felix Nwoko, LPA Manager

Board Action: Receive the report from LPA Staff.

Attachments: [2018-05-09 \(18-103\) LPA staff report.pdf](#)

16. **NCDOT Report** [18-104](#)

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

Board Action: Receive the reports from NCDOT.

Attachments: [2018-05-09 \(18-104\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS

17. **Recent News Articles and Updates** [18-105](#)

Attachments: [2018-05-09 \(18-105\) news_articles.pdf](#)

Adjourn

Next meeting: June 13, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings: None