



**DCHC MPO Board
Meeting Agenda**

Wednesday, June 14, 2017

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**[17-100](#)

Attachments: [2017-06-14 \(17-100\) MPO Board Directives to Staff.pdf](#)

CONSENT AGENDA**6. April 28, 2017 Board Meeting Minutes**[17-159](#)

A copy of the April 28, 2017 Board meeting minutes is enclosed.

Board Action: Approve the minutes of the April 28, 2017 Board meeting.

Attachments: [2017-06-14 \(17-159\) MPO Board Meeting Minutes 4.28.17_LPA2.pdf](#)

7. May 10, 2017 Board Meeting Minutes[17-160](#)

A copy of the May 10, 2017 Board meeting minutes is enclosed.

Board Action: Approve the minutes of the May 10, 2017 Board meeting.

Attachments: [2017-06-14 \(17-160\) MPO Board Meeting Minutes 5.10.17_LPA2.pdf](#)

ACTION ITEMS

8. Managed Motorways Presentation (30 Minutes) [17-161](#)**Will Letchworth, WSP**

At the request of Division 5, Will Letchworth from WSP will make a presentation on Managed Motorways. Managed Motorways is a concept that Secretary Trogdon 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 has identified I-40 from Wade Avenue to NC 54 as a potential corridor that could benefit from the Managed Motorways concept.

Board Action: This item is for informational purposes only, no action is necessary at this time.

9. 2045 Metropolitan Transportation Plan (MTP) -- Deficiency Analysis (20 minutes) [17-155](#)**Felix Nwoko, LPA Manager**

The Deficiency Analysis is the next step in the 2045 MTP development process. It uses regional, corridor and roadway level analysis to identify future transportation deficiencies. The attached presentation provides background information and examples of the analysis tools. All the detailed data, tables and maps are available on the Deficiencies tab of the MPO's 2045 MTP Web page: www.bit.ly/DCHC-MTP. The Community Plan land use scenario, on which the Deficiency Analysis is based, is already available on the Land Use tab of that Web site.

The proposed schedule for the 2045 MTP is as follows:

- * Deficiency Analysis; Board release in June
- * Alternatives Analysis, Board release in August
- * Locally Preferred Alternative (LPA), Board release in October
- * Adopted 2045 MTP, Board adopt in December.

TC Action: Forward Deficiency Analysis to the Board for review and release for public comment.

Board Action: Review and release for public comment.

Attachments: [2017-06-14 \(17-155\) DeficiencyAnalysis.pdf](#)

10. Performance Measures and Targets for Transit Assets (15 minutes)[17-156](#)**Felix Nwoko, LPA Staff**

Federal Regulations require DCHC MPO to develop performance measures and targets for transit assets and State of Good Repair (SGR). Accordingly, the MPO has developed targets for transit assets for the categories; equipment rolling stocks and facilities. These measures and targets are presented in the attachments.

TC Recommendation: Approve SGR initial performance targets.

Board Action: Approve SGR performance targets.

Attachments: [2017-06-14 \(17-156\) TAM SGR Targets DCHCMPO-MPO Board June mtg 2017](#)
[2017-06-14 \(17-156\) TAM SGR Performance Targets DCHCMPO June MPO Board](#)

11. Approval of Amendment #10 to the FY2016-25 Transportation Improvement Plan (5 minutes)[17-151](#)**Aaron Cain, LPA Staff**

Amendment #10 for the FY2016-25 Transportation Improvement Plan includes one request from the City of Durham to program \$383,670 of FY17 STBGDA funds (\$380,081 from the City of Durham, \$3,589 from Durham County) to project C-5572, West Ellerbe Creek Trail. This request is being made so that funds can be accessed more readily for a project that is ready for construction. A summary list and full report of the change are included as attachments along with a resolution to be signed by the MPO Board Chair upon approval by the Board.

TC Action: Recommended the Board approve Amendment #10 to the FY2016-25 Transportation Improvement Plan.

Board Action: Review and approve Amendment #10 to the FY2016-25 Transportation Improvement Plan.

Attachments: [2017-06-14 \(17-151\) FY16-25 TIP Amemdment #10 Full Report.pdf](#)
[2017-06-14 \(17-151\) FY16-25 TIP Amemdment #10 Summary.pdf](#)
[2017-06-14 \(17-151\) FY16-25 TIP Amemdment #10 Resolution.pdf](#)

12. FY2018-27 TIP Update (15 minutes)[17-152](#)**Aaron Cain, LPA Staff**

The FY2018-27 Transportation Improvement Plan (TIP) is under development, and is scheduled to come before the DCHC MPO Board for approval in September. Due to a number of issues over the last few months, the timeline for adoption of the TIP has changed. Here is an updated timeline:

June 14, 2017 - MPO Board reviews local projects using STBGDA funds; projects will be incorporated into TIP

June 29, 2017 - NCDOT scheduled to release updated Draft State Transportation Improvement Plan (STIP)

June 30, 2017 - NCDOT scheduled to release approval of DCHC CMAQ projects for FY2018-19

July-August 2017 - MPO staff develops TIP, combining STIP with STBGDA and CMAQ projects

August 23, 2017 - TC reviews final draft of TIP, forwards to MPO Board

September 13, 2017 - MPO Board approves TIP

October 1, 2017 - Deadline for TIP to be congruent with STIP

As part of the development of the TIP, on February 22, 2017, the DCHC MPO released a call for projects for unprogrammed prior year and upcoming FY18 STBGDA funds distributed to local governments. The attached document details the requests provided by local government staff. MPO staff requests that the MPO Board review these projects and provide input. These projects are scheduled to be adopted as part of the FY2018-27 TIP in September. If approved, all STBDGA funds will be available October 1, 2017, except the following:

- Chatham County and Orange County funds will be flexed to transit and will follow the necessary procedure, and

- Funds directed to C-5572, West Ellerbe Creek Trail, are FY17 funds, and a TIP amendment requesting their use as part of the FY2016-25 STIP is under consideration. If approved, those funds will be available this June.

Board Action: This item is for review purposes. MPO staff requests input on proposed STBGDA projects; no formal action is required at this time.

Attachments: [2017-06-14 \(17-152\) STBGDA Projects through FFY18.pdf](#)

13. SPOT 5.0 Update (15 minutes)[17-153](#)**Aaron Cain, LPA Staff**

DCHC MPO staff, working with local government agencies, will submit projects this summer for the SPOT 5.0 process, which rates projects across the state to determine which projects will be funded for the FY2020-29 Transportation Improvement Plan (TIP).

There are two types of projects that will be submitted this summer: Carryover and New. Carryover projects are those that received funding in the second five years of the FY2018-27 TIP; state law requires those projects to be rescored to determine if they will continue on the path to funding. New projects consist of projects that have recently been determined by local governments to meet a transportation need in our area, as well as some projects that were submitted for scoring for the FY2018-27 TIP, but did not score well enough to be funded.

The first part of the process is to submit any desired modifications to Carryover projects by July 30. A list of proposed modifications is attached.

New project submissions are due September 29. DCHC is permitted to submit 23 projects per mode (there are six modes: highway, bike/ped, transit, rail, ferry, and aviation). MPO staff, working with local governments, has developed the attached lists of potential highway and bike/ped projects. The 36 highway and 36 bike/ped projects submitted must be reduced to 23 over the summer. MPO staff appreciates input from the board on those projects to help reach the target number for submission. Local governments and agencies submitted 23 transit and 11 rail projects; DCHC will be able to submit all of those projects for scoring. No ferry or aviation projects were submitted.

MPO staff plans to bring a final list for approval to the MPO Board at its August meeting. That list may be brought before the Board for an amendment at its September meeting, if necessary.

TC Action: Forwarded the list of proposed carryover modifications and new projects to the MPO Board for its consideration.

Board Action: Approve the list of proposed project modifications and deletions for carryover projects for SPOT 5.0. Review and provide input on proposed new project submittals for SPOT 5.0.

Attachments: [2017-06-14 \(17-153\) SPOT 5.0 Proposed Projects for Submittal.pdf](#)
[2017-06-14 \(17-153\) SPOT 5.0 Projects for Modification-Removal.pdf](#)

REPORTS:**14. Report from the Board Chair**[17-101](#)**Steve Schewel, Board Chair**

Board Action: Receive the report from the Board Chair

15. Report from the Technical Committee Chair [17-102](#)

TC Chair

Board Action: Receive the report from the TC Chair.**16. Report from LPA Staff [17-103](#)**

Felix Nwoko, LPA Manager

Board Action: Receive the report from LPA Staff.**Attachments:** [2017-06-14 \(17-103\) LPA staff report.pdf](#)**17. NCDOT Report [17-104](#)**

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 Branch - NCDOT

Traffic Operations - NCDOT

Board Action: Receive the reports from NCDOT.**Attachments:** [2017-06-14 \(17-104\) NCDOT Progress Report.pdf](#)**INFORMATIONAL ITEMS****18. Recent News Articles and Updates [17-105](#)****Attachments:** [2017-06-14 \(17-105\) news_articles.pdf](#)**Adjourn****Next meeting: August 9th, 9 a.m., Committee Room****Dates of Upcoming Transportation-Related Meetings: None**