



## **DCHC MPO Board Meeting Agenda**

Wednesday, April 11, 2018

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.

On or by April 15, 2018, all MPO Board members and their alternates or designees must file both a 2018 Statement of Economic Interest (SEI) and a 2018 Real Estate Disclosure Form with the State Ethics Commission. The 2018 Real Estate Disclosure Form MUST accompany the 2018 Statement of Economic Interest. MPO Board members, their alternate or designees must file these forms each year.

Forms are available from the State Ethics Commission website (<http://www.ncsbe.gov/Ethics/SEI>). The State Ethics Commission prefers electronic filings for the guarantee of an arrival with confirmation.

**3. Adjustments to the Agenda****4. Public Comments****5. Directives to Staff**

[18-100](#)

**Attachments:** [2018-04-11 \(18-100\) MPO Board Directives to Staff.pdf](#)

**CONSENT AGENDA****6. February 14, 2018 Board Meeting Minutes**

[18-124](#)

A copy of the February 14, 2018 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the February 14, 2018 Board meeting.

**Attachments:** [2018-04-11 \(18-124\) MPO Board Meeting Minutes 2.14.18\\_LPA2.pdf](#)

**7. March 14, 2018 Board Meeting Minutes**

[18-129](#)

A copy of the March 14, 2018 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the March 14, 2018 Board meeting.

**Attachments:** [2018-04-11 \(18-129\) MPO Board Meeting Minutes 3.14.18\\_LPA2.pdf](#)

**8. FY18 Unified Planning Work Program (UPWP) Amendment #3**[18-126](#)**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 during the fiscal year requires an amendment approved by the Board. Amendment #3 of the FY2018 UPWP proposes to re-allocate Surface Transportation Block Grant-Direct Attributable (STBG-DA) funds among various task codes for the Town of Carrboro, and de-obligate STBG-DA funds from various task codes as well as re-allocate Section 5303 funds among various task codes for the Town of Chapel Hill. The attached memorandum and resolution with tables provide details.

**TC Action:** Recommended the Board approve Amendment #3 to the FY18 Unified Planning Work Program.

**Board Action:** Approve Amendment #3 to the FY18 Unified Planning Work Program.

**Attachments:**[2018-04-11 \(18-126\) Memorandum FY18 UPWP Amend 3.pdf](#)[2018-04-11 \(18-126\) 2018 UPWP amend 3 Resolution with tables.pdf](#)**ACTION ITEMS****9. SPOT 5.0 Update - Release of Quantitative Scores (15 minutes)**[18-130](#)**Aaron Cain, LPA Staff**

The quantitative scores for SPOT 5.0 are scheduled to be released by NCDOT on Tuesday, April 3, and presented to the State Board of Transportation on Wednesday, April 4. LPA staff will provide an update and initial analysis of the scores. The Board can expect to see the first draft of local points allocation for Regional Impact projects at the May meeting.

**Board Action:** No action is required for this item; it is for informational purposes only.

**10. Amendment #2 to the FY2018-2027 TIP (5 minutes)**[18-128](#)**Aaron Cain, LPA Staff**

TIP Amendment #2 to the FY2018-2027 TIP consists primarily of projects that have been amended in the STIP by NCDOT, and therefore need to be amended in the DCHC MPO TIP. The documentation from NCDOT is included in the attachments. One project of note (a separate TIP amendment request sheet is provided in the full report for clarification) is the merging of EB-5720, R. Kelly Bryant Bridge Trail South, and EB-5833, R. Kelly Bryant Bridge Trail North. These two projects are being merged to increase efficiency because they are now on approximately the same timeline for implementation.

A summary sheet, full report, and resolution are attached.

**TC Action:** Recommended approval of Amendment #2 to the FY2018-2027 TIP.

**Board Action:** Approve Amendment #2 to the FY2018-2027 TIP.

**Attachments:** [2018-04-11 \(18-128\) TIP Amendment #2 Full Report.pdf](#)  
[2018-04-11 \(18-128\) TIP Amendment #2 Summary Sheet.pdf](#)  
[2018-04-11 \(18-128\) TIP Amendment #2 Resolution.pdf](#)

**REPORTS:****11. Report from the Board Chair**[18-101](#)**Damon Seils, Board Chair**

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

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

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

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

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

**Attachments:** [2018-04-11 \(18-103\) LPA staff report.pdf](#)

**14. 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:      [2018-04-11 \(18-104\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS****15. Recent News Articles and Updates**[18-105](#)

Attachments:      [2018-04-11 \(18-105\) news\\_articles.pdf](#)

**Adjourn**

**Next meeting: May 9th, 9 a.m., Committee Room**

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

## MPO Board Directives to Staff

12/01/15 – Present (Completed/Pending/In Progress)

| <b>Meeting Date</b> | <b>Directive</b>   | <b>Status</b>   |
|---------------------|--|---|
| 12/9/2015           | Quarterly updates on D-O LRT project.  | <u>On-going:</u> GoTriangle will provide quarterly updates to MPO Board.  |
| 2/15/2016           | Draft Letter of Support for D-O LRT project to advance to Engineering Phase for MPO Board Chair signature  | <u>Completed:</u> 2/18/2016.  |
| 4/13/2016           | Research and consider renaming DCHC MPO an acronym that would be easier remember and simple to say.  | <u>Completed.</u> 6/8/2016. DCHC MPO staff and the Technical Committee researched and provided a recommendation to the MPO Board.   |
| 4/13/2016           | Provide the MPO Board with a breakdown of funding for highway program and non-highway program in the MPO TIP.  | <u>Completed.</u> DCHC MPO staff created a summary report and distributed it during May 11, 2016 Board meeting.   |
| 5/11/2016           | Schedule presentation from NCDOT Division and City Public Works regarding flooding on Trenton Road.  | <u>Completed.</u> DCHC MPO staff arranged to have an update at the June 8, 2016 Board meeting.  |
| 5/11/2016           | Prepare a presentation on the breakdown of funding for highway program and non-highway program in the MPO TIP.   | <u>Completed.</u> DCHC MPO staff presented the summary report at the June 8, 2016 Board meeting.  |
| 6/8/2016            | Update the DCHC MPO's tagline on the MPO website to provide information to the public that explains the MPO does regional transportation planning for the western Triangle area.                                       | <u>Underway.</u> DCHC MPO staff is still working on updating the tagline on the MPO website.  |
| 6/8/2016            | Conduct background study on toll roads and how they are used and affect municipalities like DCHC MPO.  | <u>Underway.</u> Consultant selected and presentation was given at November 2016 joint DCHC/CAMPO MPO meeting. Staff is arranging for an update presentation from the consultant. |
| 12/14/2016          | Draft letter to NCDOT regarding citizen request for "Bicycles May Use Full Lane" signs on Old NC 86 north of Carrboro, and to reiterate interest in providing bike lanes or wider shoulders to accommodate bicyclists. | <u>Completed.</u> DCHC MPO staff sent letter to NCDOT on January 30, 2017; response received March 15, 2017.  |
| 1/11/2017           | Draft letter to NCDOT requesting that issues of equity for low-income users be incorporated into planning for managed lanes on I-40 and NC-147.  | <u>Completed.</u> Draft completed January 29, 2017.   |

| <b>Meeting Date</b> | <b>Directive</b>  | <b>Status</b>  |
|---------------------|---|--|
| 4-28-17             | Determine the number of distance signs on freeways within the MPO's jurisdiction. Investigate the options for increasing the number of signs with NCDOT, particularly on and around the East End Connector at its completion.   | <u>Completed.</u> MPO staff has found seven distance signs on freeways within the MPO's jurisdiction: four on I-85, one on NC-147, one on US 15-501, and one on I-85/40 in western Orange County. MPO staff has followed up with NCDOT about the opportunity for additional signs along I-40 in Durham and/or Orange counties. |
| 4-28-17             | Work with Division 7 to amend the signage plan for the East End Connector to include signs warning motorists about construction before the I-85/40 split.   | <u>Completed.</u> MPO staff has contacted Division 7 regarding this request. Once project is completed, signage plan will be finalized.  |
| 5-10-17             | Have someone from NCDOT present to the MPO Board on synchronized/super streets.   | <u>Completed.</u> Jim Dunlop of NCDOT's Congestion Management Division presented at the August 2017 MPO Board meeting.   |
| 9-13-17             | Request for staff to give a presentation on the STI framework, focusing on what provisions are directly by federal legislation, by state legislation, and those that are department policy. Invite new Deputy Secretary Julie White to meet and discuss NCDOT policy regarding prioritization with the Board. | <u>Completed.</u> LPA staff presented at the November 8, 2017 Board meeting. Deputy Secretary Julie White is scheduled to attend the March 14, 2018 Board meeting.   |
| 2-14-18             | Work with local governments and partner agencies to identify additional funding streams for transit projects not being submitted through the SPOT 5.0 process. Report back on progress.   | <u>Underway.</u> LPA staff is coordinating efforts with local transit providers and staff.   |

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION BOARD****14 February 2018****MINUTES OF MEETING**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on February 14, 2018, at 9:00 a.m. in the City Council Committee Room, located on the second floor of Durham City Hall. The following people were in attendance:

|                                     |                                |
|-------------------------------------|--------------------------------|
| Damon Seils (MPO Board Chair)       | Town of Carrboro               |
| Wendy Jacobs (MPO Board Vice Chair) | Durham County                  |
| Karen Howard (Member)               | Chatham County                 |
| Vernetta Alston (Member)            | City of Durham                 |
| Ellen Reckhow (Member)              | GoTriangle                     |
| Barry Jacobs (Member)               | Orange County                  |
| Pam Hemminger (Member)              | Town of Chapel Hill            |
| Steve Schewel (Alternate)           | City of Durham                 |
| Heidi Carter (Alternate)            | Durham County                  |
| Jenn Weaver (Alternate)             | Town of Hillsborough           |
| Lydia Lavelle (Alternate)           | Town of Carrboro               |
| Michael Parker (Alternate)          | Town of Chapel Hill            |
| Penny Rich (Alternate)              | Orange County                  |
| David Keilson                       | NCDOT, Division 5              |
| Richard Hancock                     | NCDOT, Division 5              |
| Patrick Wilson                      | NCDOT, Division 7              |
| Bryan Kluchar                       | NCDOT, Division 8              |
| Julie Bogle                         | NCDOT, TPD                     |
| Nishith Trivedi                     | Orange County                  |
| Bergen Watterson                    | Town of Carrboro               |
| Tina Moon                           | Town of Carrboro               |
| Kayla Seibel                        | Town of Chapel Hill            |
| Geoff Green                         | GoTriangle                     |
| Terry Bellamy                       | City of Durham                 |
| Ellen Beckmann                      | City of Durham                 |
| Bill Judge                          | City of Durham                 |
| Evan Tenenbaum                      | Durham County                  |
| Eddie Dancausse                     | Federal Highway Administration |
| Felix Nwoko                         | DCHC MPO                       |
| Andy Henry                          | DCHC MPO                       |
| Meg Scully                          | DCHC MPO                       |
| Aaron Cain                          | DCHC MPO                       |
| Brian Rhodes                        | DCHC MPO                       |
| Mo Devlin                           | DCHC MPO                       |
| Anne Phillips                       | City of Durham                 |
| Bryan Poole                         | City of Durham                 |



|                  |                        |
|------------------|------------------------|
| Heidi Perry      | Resident               |
| Tim Schwarzauser | Chapel Hill Transit    |
| Brian Litchfield | Chapel Hill Transit    |
| Scott Whiteman   | Durham County          |
| Natalie Murdock  | League of Women Voters |
| Jan Cromarti     | ABP                    |

Quorum Count: 9 of 10 Voting Members

Chair Damon Seils called the meeting to order at 9:01 a.m. A roll call was performed. The voting members and alternate voting members of the DCHC MPO Board were identified and are indicated above. Chair Damon Seils reminded everyone to sign-in using the sign-in sheet that was being circulated.

Pam Hemminger made a motion to give Nina Szlosberg-Landis an excused absence. Vernetta Alston seconded the motion. The motion passed unanimously.

#### **PRELIMINARIES:**

#### **2. Ethics Reminder**

Chair Damon Seils read the Ethics Reminder and asked if there were any known conflicts of interest with respect to matters coming before the MPO Board and requested that if there were any identified during the meeting for them to be announced. There were no known conflicts identified by MPO Board members.

Chair Damon Seils reminded the MPO Board to submit their 2018 ethics forms. Barry Jacobs asked for and received clarification about whether the DCHC MPO ethics form was the same as the GoTriangle ethics form.

#### **3. Adjustments to the Agenda**

Chair Damon Seils asked if there were any adjustments to the agenda. Felix Nwoko drew attention to a handout pertaining to President Trump's new infrastructure plan. Steve Schewel asked for and received clarification about the MPO Board's weighted voting procedure.

#### **4. Public Comments**

There were no public comments.

**5. Directives to Staff**

The Directives to Staff were included in the agenda packet for review.

**CONSENT AGENDA:**

**6. Approval of January 10, 2018, Meeting Minutes**

Ellen Reckhow made a motion to approve the January 10, 2018, meeting minutes. Pam

Hemminger seconded the motion. The motion passed unanimously.

**ACTION ITEMS:**

**7. Safety Performance Measures and Targets Endorsement**

Felix Nwoko, LPA Staff

Felix Nwoko stated that the MPO was required to set safety performance measures and targets to comply with a Fixing America's Surface Transportation (FAST) Act requirement. Felix Nwoko stated that the MPO would be required to set performance measures and targets for five areas. He discussed the timeline for the adoption of safety targets. Felix Nwoko stated that the safety targets would need to align with other plans, and would require coordination. He also discussed the methodology that the MPO used to develop its targets, and the implications associated with not meeting the targets. Felix Nwoko discussed North Carolina's safety targets, and why the recommendation is for the MPO to adopt the state's targets instead of developing its own targets.

Chair Damon Seils confirmed that the MPO numbers were calculated based on incidents that occurred within the jurisdictional boundaries of the MPO. Felix Nwoko and Penny Rich discussed whether it was possible to know whether the crashes being discussed involved local residents or visitors. Felix Nwoko reviewed MPO crash data, and discussed common problems associated with crash data. Felix Nwoko discussed the advantages of adopting the state's targets, such as not having to calculate Vehicle Miles Traveled (VMT) for the MPO.

Vice Chair Wendy Jacobs and Felix Nwoko discussed the tools that the MPO could use to achieve its safety targets, and whether the MPO planned to engage the community, law enforcement, and community health groups to achieve its targets. Vice Chair Wendy Jacobs and Felix Nwoko discussed potential ways to engage the community in this process. Ellen Reckhow and Felix Nwoko discussed whether there are investigations of fatal pedestrian crashes. Chair Damon Seils clarified that the MPO does not investigate individual incidents, but that it was likely that the police investigates fatal pedestrian crashes. Pat Wilson confirmed that the North Carolina Department of Transportation (NCDOT) investigates every fatal crash on state system roadways. Chair Damon Seils stated that he recently attended a Capital Area Metropolitan Planning Organization (CAMPO) meeting where issues related to data quality and granularity were discussed in relation to a similar agenda item. Felix Nwoko and Chair Damon Seils discussed whether it would be possible to develop MPO specific targets in the future.

Pam Hemminger made a motion to approve the resolution endorsing NCDOT's Safety Performance Targets. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

**8. 2045 Metropolitan Transportation Plan (MTP)**

Andy Henry, LPA Staff

Andy Henry reviewed past steps in the development of the MTP. Andy Henry stated that the MPO has received a lot of input on the MTP from other agencies, including the Federal Highway Administration (FHWA). Andy Henry stated that the FHWA suggested that the FAST Act compliant measures be incorporated directly into the MTP report. Andy Henry discussed how two FAST Act performance measures, state of good repair and safety, were incorporated into the MTP report.

Ellen Reckhow and Andy Henry discussed an inconsistency with the truck delay performance measure. Andy Henry discussed plans to complete all nine targets for the upcoming MPO Board meeting.

Ellen Reckhow made a motion to extend the public review period for the MTP to March 2, 2018. Karen Howard seconded the motion. The motion passed unanimously.

125 **9. Draft FY2019 Unified Planning Work Program (UPWP)**

126 Meg Scully, LPA Staff

127 Meg Scully discussed recent steps in the development of the UPWP, and two minor changes that  
128 were made to the UPWP since the MPO Board last saw it. Chair Damon Seils opened the public hearing  
129 for the UPWP. There were no public comments. Chair Damon Seils closed the public hearing.

130 Ellen Reckhow made a motion to approve draft FY2019 UPWP. Pam Hemminger seconded the  
131 motion. The motion passed unanimously.

132 Meg Scully stated that the MPO staff would send letters to local staff so that they could prepare  
133 the local match funds for the next fiscal year budget.

134 **10. Transit Projects in SPOT 5.0**

135 Aaron Cain, LPA Staff

136 Aaron Cain provided a PowerPoint presentation that presented an overview of the projects that  
137 were submitted in the Strategic Prioritization Office of Transportation (SPOT) 5.0 process in September  
138 2018. Aaron Cain stated that the vast majority of transit mobility projects submitted to SPOT 5.0 were  
139 either from the DCHC MPO or CAMPO. Aaron Cain stated that in January 2018, the DCHC MPO formally  
140 requested that CAMPO remove some of its Bus Rapid Transit (BRT) projects that could compete with the  
141 Durham-Orange Light Rail Transit (DOLRT) project because of the concern that the BRT projects could  
142 harm the DOLRT in SPOT scoring. CAMPO concurred, and removed nine transit mobility projects from  
143 SPOT consideration in January 2018. Aaron Cain stated that the question then came up about what the  
144 DCHC MPO would do in support of the DOLRT project. Aaron Cain reviewed the SPOT scoring process,  
145 specifically the criteria used to evaluate transit mobility projects. Aaron Cain noted that at an estimated  
146 cost of \$2.47 billion, the DOLRT is an expensive project that is going to have a high cost per ridership.

147 Ellen Reckhow commented that from years of attending transit conferences she has learned  
148 that light rail ridership is usually underestimated, given that models look largely at commuter traffic, and  
149 not special events. Karen Howard and Aaron Cain discussed whether ridership projections take

150 population growth into account. Vice Chair Wendy Jacobs, Aaron Cain, and Geoff Green discussed  
151 whether listed projects have called for state funding in the adopted transit plan. Aaron Cain clarified  
152 that while the DOLRT has asked for state funding, the Chapel Hill BRT does not anticipate state funding  
153 in the Orange County Transit Plan. Vice Chair Wendy Jacobs asked for and received clarification about  
154 whether the majority of projects under consideration for removal from the SPOT process were related  
155 to buses, and Aaron Cain confirmed that the projects were all transit vehicle purchases. Ellen Beckmann  
156 and Aaron Cain discussed funding assumptions for vehicle purchases. Barry Jacobs asked whether a  
157 decision about projects needed to be made during the MPO Board meeting, and also requested a copy  
158 of the materials.

159 Aaron Cain discussed how current life span assumptions might affect scoring for the DOLRT.  
160 Chair Damon Seils and Aaron Cain described efforts that were being made to get the SPOT office to  
161 modify their life span assumption for the DOLRT. Aaron Cain reviewed the TC subcommittee's  
162 recommendations about projects that should be removed from the SPOT process in support of the  
163 DOLRT. Aaron Cain and Vice Chair Wendy Jacobs discussed how removing certain projects and keeping  
164 others could increase the score of the DOLRT project. Ellen Reckhow reflected on the life span of the  
165 Boston light rail transit system. Aaron Cain clarified that the SPOT office likely believes that the DOLRT  
166 will have a life span that exceeds 70 years, but that they need a methodology that can be applied to all  
167 transit mobility projects in the state. There was discussion of the timeline for resolving the life span  
168 issue, and how MPO Board members should vote in light of uncertainty about the life span issue.

169 Aaron Cain provided an overview of the projects that could be removed from the SPOT process,  
170 and weighed the pros and cons for removing various projects. Ellen Reckhow reflected on the history of  
171 the DOLRT project. Jenn Weaver discussed the ridership and overall importance of the Hillsborough  
172 circulator and the Orange-Durham Express (ODX) bus for the Hillsborough community. There was  
173 discussion of bus route abbreviations and their respective routes. Jenn Weaver commented that while

174 removing the Hillsborough circulator and ODX projects was manageable, removing the Chapel Hill BRT  
175 project felt a bit harder. Aaron Cain commented that the ODX route could be submitted to SPOT 6.0  
176 with no harm to the project. There was continued discussion of bus route names and their respective  
177 routes.

178 Brian Litchfield commented that the Chapel Hill Transit projects were designed to potentially  
179 make connections to existing or future regional projects, and that they are within corridors that are  
180 either being served by the Chapel Hill BRT or the DOLRT. He added that the projects were submitted to  
181 secure a local match for expansion buses. Chair Damon Seils stated that the MPO Board was being asked  
182 to make a decision about the following: the GoTriangle projects, the Hillsborough circulator, and the  
183 Chapel Hill BRT. Pam Hemminger commented that the BRT will serve the DOLRT, and that if the project  
184 does not go forward at this point, it might die. Aaron Cain stated that removing the Chapel Hill BRT  
185 would increase DOLRT scoring in three areas. Brian Litchfield stated that the Chapel Hill BRT has not  
186 received funding in previous iterations of the SPOT process, and discussed the overall status of the  
187 project. Chair Damon Seils and Aaron Cain discussed the impact that removing the BRT could potentially  
188 have on the DOLRT. Vice Chair Wendy Jacobs stated that the MPO board was committed to making sure  
189 that the Hillsborough circulator project was realized, one way or another. There was discussion of other  
190 potential sources of funding for the Chapel Hill BRT project, the cost of the project, and the amount of  
191 non-federal dollars needed to fund the project.

192 Vice Chair Wendy Jacobs and Aaron Cain discussed why projects that could potentially compete  
193 with the DOLRT were submitted to the SPOT process to begin with. Vice Chair Wendy Jacobs stated that  
194 it was important that projects submitted through the SPOT process were also in the adopted transit  
195 plans. She also expressed appreciation to CAMPO for removing projects that could potentially compete  
196 with the DOLRT. Vice Chair Wendy Jacobs reflected on the importance of doing what is best for the  
197 region, and on projected areas of growth in North Carolina. Michael Parker concurred with Vice Chair

Wendy Jacobs on the need to think regionally, and added that the Chapel Hill BRT is an integral part of a regional system that does not only serve Chapel Hill or Orange County. He added that the Chapel Hill BRT makes the light rail project stronger, and that the Chapel Hill BRT and the DOLRT are almost inseparable projects. Michael Parker discussed the funds that have already been spent on the Chapel Hill BRT, and noted that without SPOT funding, the Chapel Hill BRT may need to be withdrawn from the Small Starts program and \$6 million may be lost. Michael Parker reiterated his support for the DOLRT, and noted that no decision is without risks. Aaron Cain offered a clarification on the non-federal funds needed for the Chapel Hill BRT.

Steve Schewel reflected on his recent conversations with staff about withdrawing projects in order to support the DOLRT, and noted that staff had warned that the Chapel Hill BRT could eventually compete with the DOLRT project. Steve Schewel reminded members that the MPO Board had previously approved all projects to be submitted to the SPOT process for scoring. Steve Schewel quantified what was at stake by not withdrawing the Chapel Hill BRT from the SPOT process. Steve Schewel reflected on the transformative nature of the DOLRT project. He stated that he would be requested weighted voting, and that he would request that all projects except for the GoTriangle Durham-Raleigh (DRX) and ODX be removed from SPOT consideration. Steve Schewel stated that while it was a possibility that both the Chapel Hill BRT and DOLRT might be funded, leaving the Chapel Hill BRT in for SPOT consideration was not worth the risk. Steve Schewel reflected on the sacrifices that CAMPO, Wake County, and the Durham County Commissioners have made in support of the DOLRT. Steve Schewel stated that he supports the Chapel Hill BRT, and thinks that the MPO Board will figure out a way to get the project done. In response to a question from Barry Jacobs, Steve Schewel explained that he recommended keeping the GoTriangle projects because they will become positive for the DOLRT if the life span issue is resolved in the MPO's favor.

Chair Damon Seils and Aaron Cain discussed the consequences of the life span issue not being resolved in the MPO's favor. Aaron Cain reviewed the list of projects that the TC subcommittee recommended removing from the SPOT process. Pam Hemminger and Aaron Cain discussed what would happen if all of the projects were withdrawn from SPOT consideration and the DOLRT did not receiving funding in the SPOT process.

Barry Jacobs expressed his appreciation for the collegial and collaborative tone of the MPO Board's discussion, and reviewed how the Hillsborough circulator is currently funded. He also expressed his support for the Chapel Hill BRT project, and discussed the risks inherent to both the Chapel Hill BRT and DOLRT. Barry Jacobs requested that the MPO Board Chair write a letter to the North Carolina Secretary of Transportation about the difficult situation that the DCHC MPO was placed in because of the SPOT scoring methodology. Ellen Reckhow reiterated the risks associated with not receiving funding for the DOLRT, and discussed other potential sources of funding for the Chapel Hill BRT, primarily the foundation created by GoTriangle to raise private funds for the DOLRT.

Chair Damon Seils inquired whether the MPO Board wished to consider the three issues before them separately or together. He also reflected on his position as a representative of the Town of Carrboro, and the transit partnership between Carrboro and Chapel Hill. Chair Damon Seils discussed the history and status of the Chapel Hill BRT project, and why the project is important to Chapel Hill. He stated that the MPO Board's comments regarding finding a solution to funding for the Chapel Hill BRT was very speculative. Chair Damon Seils stated that CAMPO's decision to remove transit mobility projects that could compete with the DOLRT from the SPOT process was demonstration of a longstanding partnership between the DCHC MPO and CAMPO. Chair Damon Seils added that a weighted vote to remove DCHC MPO projects that could compete with the DOLRT would honor the DCHC MPO's collaborative relationship with CAMPO. Ellen Reckhow and Aaron Cain discussed whether



the inclusion of the GoTriangle projects could be made conditional on the resolution of the life span issue.

Jenn Weaver made a motion to remove the Hillsborough circulator from the SPOT 5.0 process. Ellen Reckhow seconded the motion. The motion passed unanimously.

Ellen Reckhow made a motion to retain the GoTriangle projects in the SPOT process, only if there is a positive resolution of the life span issue in time to make a decision. Steve Schewel seconded the motion. Aaron Cain and Chair Damon Seils clarified that a positive resolution meant that the DOLRT project would have a life span of 73 years. Aaron Cain asked that the motion be clarified to indicate that staff would ultimately make the decision about the projects based on the resolution of the life span issue. There was discussion of the timeline for the resolution of the life span issue. Chair Damon Seils confirmed that the MPO Board's understanding of the motion was that the GoTriangle projects would be retained only if the DCHC MPO received a positive resolution of the life span issue in time to make a decision about including or not including projects in the SPOT process. There was discussion of whether funding for the ODX project would provide support for a bus or a route, and how the funds would support the route. Vernetta Alston asked that the motion be amended to specify that the GoTriangle projects would be removed if the life span condition is not met. The motion passed unanimously.

Karen Howard made a motion to accept the TC subcommittee's recommendation to remove 10 projects from the SPOT process. Ellen Reckhow seconded the motion. The motion passed unanimously.

Barry Jacobs asked for the list from the presentation with details about the projects that were removed following the meeting, and Aaron Cain agreed to provide him with the list. Penny Rich stated that the list would be helpful in explaining the MPO Board's vote to the Orange County Board of Commissioners. Chair Damon Seils reiterated that the TC subcommittee was unanimous in its recommendation to remove the 10 projects.

Chair Damon Seils clarified that Steve Schewel's request for weighted voting was in effect in response to an inquiry from Vice Chair Wendy Jacobs. There was discussion of whether language about finding funding to make up the gap for the Chapel Hill BRT should be added to the MPO Board's motion to remove the Chapel Hill BRT from SPOT consideration. Aaron Cain stated that MPO staff would work with others to identify possible funding solutions for the Chapel Hill BRT. Michael Parker clarified the amount of funding still needed for the Chapel Hill BRT project. Barry Jacobs reiterated that the amount of funding needed for the Chapel Hill BRT is \$12 million, not \$6 million. Karen Howard stated that removing the Chapel Hill BRT and finding alternate funding sources for the project should be two separate motions, and Chair Damon Seils agreed. Chair Damon Seils and Aaron Cain explained the weighted voting procedure in response to a question from Pam Hemminger.

Steve Schewel made a motion to remove the Chapel Hill BRT from SPOT 5.0 scoring. Ellen Reckhow seconded the motion. Steve Schewel, Vernetta Alston, Vice Chair Wendy Jacobs, and Ellen Reckhow voted in favor of the motion. Pam Hemminger, Chair Damon Seils, Barry Jacobs, Karen Howard, and Jenn Weaver voted against the motion. After weighted votes were tallied, there were 21 votes in favor of the motion, and 16 votes against. The motion passed by majority of weighted votes.

Steve Schewel made a motion to request that the MPO staff work with GoTriangle and County staff to make recommendations about securing funding for the Chapel Hill BRT. Ellen Reckhow seconded the motion. Pam Hemminger asked that the motion be amended to include Town of Chapel Hill staff, and Jenn Weaver asked that language about the deadline for funding be included in the motion. The motion passed unanimously.

Barry Jacobs reiterated his request that Chair Damon Seils write a letter to the Secretary of Transportation. Chair Damon Seils stated that he would work with staff to write a letter to the Secretary of Transportation requesting that their expressed support for the success of the DOLRT be realized. Chair Damon Seils thanked the MPO staff, staff from the transit agencies, particularly GoTriangle and

Chapel Hill Transit, for their work in recent months on submitting projects to the SPOT process. Lydia Lavelle, Vice Chair Wendy Jacobs, and Ellen Reckhow commended Chair Damon Seils for his leadership skills, and for the work that he put in preparing for the agenda item. Ellen Reckhow reflected on the collegial and respectful manner of the MPO Board. Pam Hemminger recommended that staff formally thank CAMPO for removing projects from the SPOT process that may have competed with the DOLRT project.

**11. Amendment #1 to the FY2018-2027 TIP**

Aaron Cain, LPA Staff

Aaron Cain stated that the DCHC MPO Board adopted the FY2018-2027 Transportation Improvement Program in November 2017, and that the Federal Transit Administration (FTA) reconciled the DCHC MPO TIP with the FY2018-2027 State Transportation Improvement Program (STIP) in January 2018. He added that additions and amendments to local projects that differ from the initially-adopted STIP can now be added to the TIP. Aaron Cain stated that no comments were received during the public comment period or during the public hearing.

Pam Hemminger made a motion to approve Amendment #1 to the FY2018-27 TIP. Ellen Rechow seconded the motion. The motion passed unanimously.

**12. Draft Local Input Points Methodology**

Aaron Cain, LPA Staff

Aaron Cain discussed recent steps in the development of the Local Input Points Methodology. He added that no public comments were received on the draft methodology, and that the draft has not changed since the MPO Board last saw it. Chair Damon Seils opened the public hearing. There were no public comments. Chair Damon Seils closed the public hearing.

Ellen Reckhow made a motion to adopt the Local Input Points Methodology. Karen Howard seconded the motion. The motion passed unanimously.

**REPORTS:**

**13. Report from the DCHC MPO Board Chair**

Damon Seils, DCHC MPO Board Chair

Chair Damon Seils reminded the MPO Board about the upcoming North Carolina Association of Metropolitan Planning Organizations (NCAMPO) conference that will be held in Durham in April 2018. He also discussed a recent CAMPO meeting that he attended with Vice Chair Wendy Jacobs. Chair Damon Seils stated that the DCHC MPO will continue to demonstrate its partnership with CAMPO, and that the DCHC MPO would continue to work at the staff level and the policy level to be collaborators with CAMPO. He asked that staff continue to arrange twice yearly chair and vice chair meeting with CAMPO. There was discussion of the date of the next joint meeting with CAMPO. Chair Damon Seils added that while he has already thanked CAMPO Board members for removing projects from the SPOT process to help the DOLRT, he would comply with Pam Hemminger's request to write a formal letter of thanks.

**14. Report from the DCHC MPO Technical Committee Chair**

Ellen Beckmann, DCHC MPO TC Chair

Ellen Beckmann provided an update on the work of the NCDOT bicycle and pedestrian stakeholder committee.

**15. Reports from LPA Staff**

Felix Nwoko, LPA Manager

There was no additional report from the LPA staff.

**16. NCDOT Reports:**

There was no additional report from NCDOT Division 5.

Pat Wilson, NCDOT Division 7, stated that he wanted to set up a meeting between Chapel Hill and Carrboro in the coming weeks. There was discussion of staff present who could assist with setting up the meeting.

There was no additional report from NCDOT Division 8.

There was no additional report from NCDOT Transportation Planning Division.

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**INFORMATIONAL ITEMS:**

344

**17. Recent News, Articles, and Updates**

345

**ADJOURNMENT:**

346

There being no further business before the DCHC MPO Board, the meeting was adjourned at

347

11:38 a.m.

# **DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION BOARD**

**14 March 2018**

## **MINUTES OF MEETING**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on March 14, 2018, at 9:00 a.m. in the City Council Committee Room, located on the second floor of Durham City Hall. The following people were in attendance:

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Damon Seils (MPO Board Chair)       | Town of Carrboro                  |
| Wendy Jacobs (MPO Board Vice Chair) | Durham County                     |
| Karen Howard (Member)               | Chatham County                    |
| Vernetta Alston (Member)            | City of Durham                    |
| Charlie Reece (Member)              | City of Durham                    |
| Ellen Reckhow (Member)              | GoTriangle                        |
| Renee Price (Member)                | Orange County                     |
| Pam Hemminger (Member)              | Town of Chapel Hill               |
| Nina Szlosberg-Landis (Member)      | NC Board of Transportation        |
| Heidi Carter (Alternate)            | Durham County                     |
| Lydia Lavelle (Alternate)           | Town of Carrboro                  |
| Mark Marcoplos (Alternate)          | Orange County                     |
| David Keilson                       | NCDOT, Division 5                 |
| Richard Hancock                     | NCDOT, Division 5                 |
| Patrick Wilson                      | NCDOT, Division 7                 |
| Bryan Kluchar                       | NCDOT, Division 8                 |
| Jen Britt                           | NCDOT, Division 8                 |
| Julie Bogle                         | NCDOT, TPD                        |
| Nishith Trivedi                     | Orange County                     |
| Bergen Watterson                    | Town of Chapel Hill               |
| Tina Moon                           | Town of Carrboro                  |
| Zach Hallock                        | Town of Carrboro                  |
| Kayla Seibel                        | Town of Chapel Hill               |
| John Hodges-Copple                  | Triangle J Council of Governments |
| Geoff Green                         | GoTriangle                        |
| Terry Bellamy                       | City of Durham                    |
| Ellen Beckmann                      | City of Durham                    |
| Eddie Dancausse                     | Federal Highway Administration    |
| Felix Nwoko                         | DCHC MPO                          |
| Andy Henry                          | DCHC MPO                          |
| Meg Scully                          | DCHC MPO                          |
| Aaron Cain                          | DCHC MPO                          |
| Brian Rhodes                        | DCHC MPO                          |
| Mo Devlin                           | DCHC MPO                          |
| Julie White                         | NCDOT                             |
| Hanna Cockburn                      | NCDOT                             |

|                |                |
|----------------|----------------|
| Heidi Perry    | Resident       |
| T. Grubb       | Herald-Sun     |
| Evan Tenenbaum | Durham County  |
| Bryan Poole    | City of Durham |
| Anne Phillips  | City of Durham |
| Bill Judge     | City of Durham |

Quorum Count: 9 of 10 Voting Members

Chair Damon Seils called the meeting to order at 9:00 a.m. A roll call was performed. The voting members and alternate voting members of the DCHC MPO Board were identified and are indicated above. Chair Damon Seils reminded everyone to sign in using the sign-in sheet that was being circulated.

Renee Price, who was previously a member of the MPO Board, was introduced as the new MPO Board member for Orange County.

Pam Hemminger made a motion to grant Brian Lowen an excused absence. Vernetta Alston seconded the motion. The motion passed unanimously.

#### **PRELIMINARIES:**

##### **2. Ethics Reminder**

Chair Damon Seils read the Ethics Reminder and asked if there were any known conflicts of interest with respect to matters coming before the MPO Board and requested that if there were any identified during the meeting for them to be announced. There were no known conflicts identified by MPO Board members.

Chair Damon Seils reminded the MPO Board to turn in ethics forms to the Ethics Office by April 15. It was clarified that alternates need to turn in a form, and that a separate form is needed even if MPO Board members have submitted the form as members of other boards.

##### **3. Adjustments to the Agenda**

Chair Damon Seils asked if there were any adjustments to the agenda.

Pam Hemminger asked Chair Damon Seils if the MPO Board could acknowledge the 10 a.m. national student walkout planned in recognition of the school shooting in Parkland, FL. Chair Damon Seils stated that the MPO Board would pause at 10 a.m. to acknowledge the student walkout.

#### **4. Public Comments**

Chair Damon Seils asked if there were any members of the public signed up to speak.

Heidi Perry thanked the DCHC MPO for helping to get a fence installed on the Orange Grove Road bridge over I-40. She also commented on two recent traffic fatalities on Martin Luther King Jr. Boulevard in Chapel Hill, the financial costs of road fatalities, and urged the MPO to reconsider its roadway fatality goal in the 2045 Metropolitan Transportation Plan (MTP).

Pam Hemminger described steps that are being taken to make sure that pedestrians and bicyclists are safer along Martin Luther King Jr. Boulevard. Ellen Reckhow stated that North Carolina is ninth in the country for vehicle registrations of people 65 and older, and fifth in the country for fatalities in this group. She stated that a recent newspaper article had some good suggestion on how to make elderly drivers safer. Chair Damon Seils stated that Andy Henry would discuss some of the issues raised by Heidi Perry in his discussion of the 2045 MTP.

#### **5. Directives to Staff**

The Directives to Staff were included in the agenda packet for review.

#### **CONSENT AGENDA:**

#### **6. Approval of February 14, 2018, Meeting Minutes**

There were no items on the Consent Agenda. Chair Damon Seils stated that the February 14, 2018, meeting minutes would be approved at the April MPO Board meeting.

#### **ACTION ITEMS:**

#### **7. Draft North Carolina Multi-modal Strategic Plan**

Julie White, Deputy Secretary for Multi-modal Transportation, NCDOT



99 Julie White introduced Hanna Cockburn, the new Director of the North Carolina Department of  
100 Transportation (NCDOT) Bicycle and Pedestrian Division, to the MPO Board. Julie White stated that she  
101 is a member of NCDOT's multi-modal committee, and discussed the committee's efforts to develop a  
102 strategic plan. Julie White stated that she would be reviewing a very early draft of the multi-modal  
103 strategic plan, particularly the goals, projects in each mode, hurdles, and NCDOT's role in the future of  
104 multi-modalism, and giving the MPO Board an opportunity to provide feedback. Julie White stated that  
105 she wanted the goals of the strategic plan to be tangible, and that she started the process of creating  
106 the plan by thinking about how to advance a greater number of multi-modal projects through planning  
107 and construction. She also discussed plans to create a multi-modal dashboard. Julie White reflected on a  
108 talk given by CEO of Ford Motor Company, noting that he stated that the future is about mobility, not  
109 cars.

110 Julie White stated that multi-modal investments are key for attracting new jobs and economic  
111 investment to communities. She discussed recent findings by the Urban Land Institute that found that  
112 jobs are now moving towards talent, and a City Lab study that found that vibrant, dense, mixed-use  
113 areas perform better than independent office parks. She described how companies, like Amazon, and  
114 local governments in North Carolina have embraced multi-modalism as part of their planning efforts.  
115 Julie White discussed how NCDOT worked to increase multi-modal investment in Ocracoke Island, a  
116 tourism-dependent community in Hyde County, which has the lowest per capita income in the state.

117 Julie White discussed the work of a task force that was assembled to look at the economic  
118 benefit of aviation in the state. Julie White also provided examples of recent rail projects. Julie White  
119 stated that there was a record number of Bus Rapid Transit (BRT) and Commuter Rail Transit (CRT)  
120 projects submitted to the Strategic Prioritization Office of Transportation (SPOT) process, and the  
121 release of points for SPOT 5.0 was on track for a March 29, 2018, release date.

Julie White stated that the economic development benefits of bicycle and pedestrian investments are lost on no one, and it is probably one area that is most ripe for improvement at NCDOT. She stated that NCDOT could work on figuring out how to make bicycle and pedestrian investments more ingrained in the highway projects that it is already doing. Julie White stated that the revision of NCDOT's Complete Streets Policy is underway, and that consultants are currently reviewing the policy.

Ellen Reckhow stated that she would love the state to look into separated paths or bikeways, and that a number of large cities are constructing barrier-separated bike lanes. Julie White discussed examples of these trends in North Carolina. Ellen Reckhow stated that this treatment has been suggested for NC 98, and a paved shoulder on the roadway would make it feel more user-friendly.

Julie White stated that NCDOT cannot become more multi-modal on its own, and that there are legislative and policy constraints. She stated that NCDOT needs its partners to advance the idea of multi-modalism in a more purposeful way. Julie White stated that NCDOT would provide leadership to advance multi-modalism, and that the leadership of Transportation Secretary James Trogdon and Chief Deputy Secretary David Howard will be key to the effort. Julie White stated that NCDOT will work to improve its core business practices, such as looking at how it can better execute local agreements. She added that NCDOT is also examining how it can be a better partner in advancing multi-modalism. She discussed the needs of different types of communities, and efforts to look into how consultants and other experts can be used to support better project delivery. She stated that it is important to make sure that NCDOT's policies align with its goals, and that stronger stakeholder engagement is necessary. Julie White discussed NCDOT's recent efforts to develop a stakeholder group that is representative of MPOs, Rural Planning Organizations (RPOs), cities, counties, elected officials, staff, health care advocates, the American Association of Retired Persons (AARP), and the biking community. She stated that this group was helping with the review of the Complete Streets Policy. Julie White concluded that NCDOT needs to do a better job of capturing and telling the story of its successes. She stated that she would be

146 encouraging staff to write more white papers to this end. She encouraged the MPO Board to reach out  
147 to her if they see opportunities for improvement.

148 Chair Damon Seils commented that celebrating and promoting successes is important, and that  
149 the MPO now has a staff person dedicated to this task. Chair Damon Seils asked about the future of the  
150 Safe Routes to School Program (SRTS), and Julie White stated that Hanna Cockburn has been charged  
151 with doing a full strategic review of the bicycle and pedestrian mode. She stated that while she cannot  
152 comment on SRTS specifically, Hanna Cockburn has been tasked with supporting rural communities and  
153 getting projects on the ground.

154 Pam Hemminger thanked NCDOT for collaborating with Chapel Hill and coming up with a more  
155 bicycle and pedestrian oriented approach to the Merritt Mill/Brewer Lane intersection project. Julie  
156 White and Pam Hemminger discussed the importance of using video and pictures to communicate  
157 successes. Vice Chair Wendy Jacobs stated that making the case for economic, health, and safety  
158 benefits will help get more funding for multi-modal transportation. She inquired whether it was possible  
159 to look at the supply chains for some of the larger infrastructure projects to show how they are spurring  
160 economic development. Julie White commented that she was looking at a recent study of greenway  
161 projects that calculated the jobs created by the projects, construction, and the supply chain. Vice Chair  
162 Wendy Jacobs and Julie White discussed how North Carolina's demographics, particularly pertaining to  
163 the growth of the senior population, need to be considered when thinking about multi-modal  
164 investments. Ellen Reckhow commented on the limited funding for bicycle and pedestrian projects, and  
165 the need for engineers to think from a pedestrian's perspective. Charlie Reece commented on the  
166 importance of protected bicycle lanes, and discussed a Durham project that will eliminate two lanes of  
167 traffic in order to add bike lanes in each direction.

168 Ellen Beckmann commented on the importance of setting up financial policies that will support  
169 safer transportation options. Julie White commented that the Complete Streets Policy review will

consider these issues. Lydia Lavelle commented on the importance of showing smaller towns with sidewalks, bike lanes, and alternative infrastructure. There was discussion of whether 20% local match programs are an obstacle to multi-modal projects. Chair Damon Seils commented on how existing lanes not needed for vehicular capacity can be converted to support a modal shift. Ellen Reckhow commented that Vienna, Austria, has turned whole lanes into bike lanes and bikeways.

No further action was required by the MPO Board.

#### **8. Update on Coordinated Transit Efforts**

John Hodges-Copple, TJCOG

Mo Devlin, DCHC MPO

Geoff Green, GoTriangle

Bergen Watterson, Chapel Hill Transit

John Hodges-Copple stated that he would present information on a number of different transit projects within the DCHC MPO, and also projects that span the DCHC MPO and the Capital Area Metropolitan Planning Organization (CAMPO). John Hodges-Copple provided an overview of topics that would be covered in the presentation. He stated that the DCHC MPO and CAMPO have always worked well together, but in the past year have recognized the need to work more closely at the staff, policy, and Technical Committee (TC) level. John Hodges-Copple reflected on the recent joint meeting between DCHC MPO and CAMPO, and reminded the MPO Board about the upcoming joint meeting scheduled for May 31. John Hodges-Copple reflected on the recent collaboration between the MPOs, NCDOT, transit agency staff, and Triangle J Council of Governments (TJCOG) staff. He discussed how this group was able to work with the SPOT office to come up with standardized ways to do certain things. John Hodges-Copple added that the group has also provided guidance on the appropriate way to measure the life span of a transit project. John Hodges-Copple stated that the group can suggest evidence-based methods that can be applied statewide, that feed into federal processes, and that benefit the whole state.

John Hodges-Copple drew attention to a map of planned regional transit infrastructure projects, including the Durham-Orange Light Rail Transit (DOLRT) project, the Chapel Hill BRT project, the Wake County BRT projects, and the Wake-Durham CRT project and its planned extensions. Vice Chair Wendy Jacobs stated that the map is a great one that tells the story of planned infrastructure investment in the region. John Hodges-Copple discussed the status and cost for each of the major transit projects. Nina Szlosberg-Landis and John Hodges-Copple discussed the current Trump administration infrastructure bill, and the role that public-private partnerships could play in advancing these infrastructure projects. Renee Price and Ellen Reckhow reflected on recent conversations about the role that public-private partnerships would play in funding transportation projects that took place at a National Association of Counties conference in Washington, D.C. John Hodges-Copple discussed the state, local, and federal funding needed for the Wake-Durham CRT.

Mo Devlin discussed the county Transit Plans, and the role that the staff working groups would play in matching transit needs to funding. She stated that the policies of the staff working groups are still being established. She added that the current priority of the staff working groups is the creation of a draft work plan for FY 2019, which will eventually be released to the public. Mo Devlin discussed how GoTriangle and GoDurham have used transit tax funding, primarily to create express routes, increase the frequency of service, increase Saturday service, and for bus purchases.

Geoff Green stated that the DOLRT project is in the engineering phase of the New Starts process, and the goal is to have an executed Full Funding Grant Agreement (FFGA) by September 2019. He stated that another goal was to begin construction in 2020. He added that there was a major investment study related to the Wake-Durham CRT, and that the findings of the study will help determine which agency should sponsor the project.

Bergen Watterson discussed the status of the Chapel Hill BRT, noting that the project is in the project development stage of the Small Starts program. She stated that the project development phase

of the project will last until September 2019, and will complete 30% design of the project and a full environmental document. She provided an overview of project partners, and stated that a possible extension of the line to Durham Technical Community College was being considered. She stated that the MPO would have opportunities for input into the project with the adoption of the locally preferred alternative. She introduced Matt Cecil, the project manager for the Chapel Hill BRT.

There was discussion of Chapel Hill Transit buses purchased with Transit Plan funds. Chair Damon Seils stated that the presentation was intended to present an overview of the way that the MPOs are coordinating around transit. John Hodges-Copple asked the MPO Board to provide him with feedback on whether the presentation was helpful, and whether similar presentations should be given on a regular basis. There was discussion of the date of the upcoming joint MPO Board meeting. Nina Szlosberg-Landis stated that it was important that the North Carolina Railroad (NCRR) be involved in decision making for some of these projects at a very early stage. There was discussion of NCRR's current involvement with the rail projects. There was discussion of congressional support for federal funding for transportation projects, through programs such as New Starts and the Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant program. Pam Hemminger requested that the miles of infrastructure be added to the map so that the public could understand why some of the lines are more expensive than others.

**9. Quarterly Update on the Durham County Transit Plan, Orange County Transit Plan, and Durham-Orange Light Rail Transit Project**

Geoff Green, GoTriangle  
Mo Devlin, LPA Staff

Aaron Cain stated that there would be a detailed presentation on the Transit Plans in June 2018. Mo Devlin stated that there would be a staff working group meeting after the MPO Board meeting, staff working group meetings are open to the public, and that MPO Board members were welcome to attend the meeting.

244 Geoff Green provided an overview of the GoTriangle Annual report, and discussed the budget  
245 for the DOLRT project. He stated that the project was approaching a 50% design milestone. He provided  
246 an overview of the consultants responsible for various aspects of the project. Vice Chair Wendy Jacobs  
247 asked whether any of the firms working on the project are local, and Geoff Green promised to provide  
248 her with this information.

249 Geoff Green discussed the local, state, and federal funding needed for the project. He stated  
250 that a non-profit organization, GoTriangle Partners, has recently been incorporated and will solicit cash  
251 and land donations to support the project. Geoff Green stated that the Federal Transit Administration  
252 (FTA) is providing oversight of the budget and contingency for the project. He added that the project is  
253 on schedule, and discussed the next steps for the project. He discussed the recent acquisition of  
254 property for a rail maintenance facility in the City of Durham.

255 Geoff Green stated that 50% design of the project is almost complete, and stakeholders will be  
256 providing technical feedback on the project. He discussed the recent Opportunities Summit that  
257 occurred in February 2018, and other recent and upcoming public input opportunities related to the  
258 project. Ellen Reckhow and Geoff Green discussed the property acquisition for the Durham rail  
259 maintenance facility. Vice Chair Wendy Jacobs asked for and received clarification about the subject of  
260 the rescheduled Chapel Hill workshop and the upcoming workshops. Vice Chair Wendy Jacobs stated  
261 that it was important to share outcomes of the workshops with those who attended the workshop. Nina  
262 Szlosberg-Landis and Chair Damon Seils discussed how the MPO was working to resolve the life span  
263 issue for the light rail project in the SPOT process. Charlie Reece asked for and received clarification  
264 about the land acquisition for the rail maintenance facility in Durham. Matthew Clark stated that 15  
265 parcels of land with nine owners are required for the facility, and that GoTriangle successfully  
266 negotiated with three of the owners. He added that GoTriangle did have to exercise eminent domain  
267 authority with six owners, and while litigation may be required to determine compensation for those

properties, GoTriangle holds the title for the needed properties. Charlie Reece and Geoff Green discussed whether GoTriangle is currently doing any work on joint development agreements related to the light rail project. Geoff Green discussed how GoTriangle worked with stakeholders to identify potential joint development opportunities. Charlie Reece and Geoff Green discussed the timeline for the next steps for the joint development projects. Charlie Reece cautioned that there has been considerable discussion, debate, and analysis among Durham staff, the Durham City Council, and community advocates, especially the Coalition for Affordable Housing and Transit, regarding GoTriangle's plans for the Police Headquarters site. Matthew Clark stated that he attends meetings of the Coalition for Affordable Housing and Transit, and while GoTriangle is exploring opportunities at the Police Headquarters site, there are two obstacles to pursuing joint development at the site: the timeline for pursuing the FFGA and design. Ellen Reckhow and Geoff Green discussed whether there are joint development opportunities for the 300 and 500 blocks of Main Street in Durham.

No further action was required by the MPO Board.

**10. 2045 Metropolitan Transportation Plan (MTP)**

Andy Henry, LPA Staff

Andy Henry stated that the MPO Board was being asked to adopt the 2045 MTP. Andy Henry drew attention to the attachments for the agenda item. He noted that there was a resolution from Carrboro, and that the MTP satisfies what Carrboro is asking for in its resolution. Andy Henry reviewed the changes that were made to the MTP. Andy Henry discussed how the current Fixing America's Surface Transportation (FAST) Act performance measures were incorporated into the MTP, and added that any future measures will be added to the MTP once the MPO adopts them. Andy Henry discussed the public comments that were received on the MTP, especially the comments that he received pertaining to Bolin Creek in Carrboro. He drew attention to how Bolin Creek is reflected in Appendix 4 of the MTP.



Renee Price and Andy Henry discussed whether hybrid or electric cars are considered in the environment performance measure. Renee Price inquired whether equity and participation can be ensured, not just made a goal. Andy Henry discussed the difficulty of measuring equity and participation. Ellen Reckhow and Andy Henry discussed how the FAST Act targets are reflected in the MTP. Chair Damon Seils thanked Andy Henry for his work on the MTP report, and reflected on Carrboro's discussions that preceded the passing of its resolution.

Pam Hemminger made a motion to adopt the 2045 MTP by resolution, and adopt version 6 of the Triangle Regional Model (TRM) by letter and resolution. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

Andy Henry stated that TJCOG and John Hodges-Copple helped with writing the MTP report.

#### **11. Local Input Points Methodology**

Aaron Cain, LPA Staff

Aaron Cain stated that the MPO Board approved the Local Input Points Methodology at its February 2018 meeting, and staff submitted that Methodology to the NCDOT Review Committee. The NCDOT Review Committee submitted its comments to DCHC MPO staff, and LPA staff edited the Methodology to reflect those comments. Aaron Cain added that the TC has reviewed the edited Methodology, and has unanimously recommended that the MPO Board approve the methodology.

Ellen Reckhow made a motion to adopt the revised Local Input Points Methodology. Renee Price seconded the motion. The motion passed unanimously.

### **REPORTS:**

#### **12. Report from the DCHC MPO Board Chair**

Damon Seils, DCHC MPO Board Chair

Chair Damon Seils introduced Mark Marcoplos as the new alternate from Orange County, and reminded the MPO Board that the upcoming joint DCHC MPO meeting would take place on May 31,

2018, at the Research Triangle Park headquarters at 9 a.m. He also reminded the MPO Board about the upcoming North Carolina Association of Metropolitan Planning Organizations (NCAMPO) conference which will take place in Durham in April 2018.

**13. Report from the DCHC MPO Technical Committee Chair**

Ellen Beckmann, DCHC MPO TC Chair

Ellen Beckmann stated that she is on NCDOT's Complete Streets review committee, and she would be bringing information back to the MPO Board.

**14. Reports from LPA Staff**

Felix Nwoko, LPA Manager

There was no additional report from the LPA Staff.

**15. NCDOT Reports:**

Richard Hancock, NCDOT Division 5, provided updates on lane shifts associated with the East End Connector project. He also provided an updated timeline for the Old Chapel Hill Road project. Pam Hemminger and Richard Hancock discussed whether the lighting could be improved near the roundabout work on Pope Road. Ellen Reckhow and Richard Hancock discussed the estimated completion date of the East End Connector project. Ellen Reckhow discussed congestion on NC 147, and whether Transportation Demand Management (TDM) strategies could be used to reduce traffic during peak hour traffic. Ellen Beckmann stated that GoTriangle currently does TDM work for downtown Durham, but that the City of Durham is hoping to make a change and do more downtown Durham outreach in the coming year.

Pat Wilson, NCDOT Division 7, stated that work has started on putting up a fence on the I-40 bridge on Orange Grove Road, and that it will be installed by the end of the week. He added that a task force has been formed in relation to the two pedestrian fatalities in Chapel Hill that occurred this year, and that he would be representing the Division on the task force. Pat Wilson stated that an agreement has been reached on the Franklin/Merritt Mill intersection, and that he wanted Carrboro and Chapel

Hill to know that the Division is currently incorporating comments into the design for the project. Chair Damon Seils thanked NCDOT for their partnership on the Franklin/Merritt Mill project. In response to an inquiry from Pam Hemminger, Pat Wilson stated that the Bennett Road project would be let for construction in June 2018 along with the Greensboro/Estes project in Carrboro.

Jen Britt, NCDOT Division 8, stated that the O’Kelly Chapel Road/NC 751 intersection upgrade and realignment is in the right-of-way phase, and the project was started in January of 2018. She added that there would be some resurfacing coming up in Chatham County. Karen Howard asked for and received clarification about the resurfacing in Chatham County.

There was no update from NCDOT Transportation Planning Division.

**INFORMATIONAL ITEMS:**

**16. Recent News, Articles, and Updates**

There were no informational items.

**ADJOURNMENT:**

There being no further business before the DCHC MPO Board, the meeting was adjourned at

11:23 a.m.

# MEMORANDUM

To: DCHC MPO Board  
 From: DCHC MPO Lead Planning Agency Staff  
 Date: April 11, 2018  
 Subject: FY 2018 Unified Planning Work Program – Amendment #3

The Lead Planning Agency (LPA) staff is requesting an amendment to the FY2018 Unified Planning Work Program (UPWP). The proposed amendment is necessary in order to reflect the following:

- Re-allocation of STBG-DA funds among task codes by Town of Carrboro.
- De-obligation of STBG-DA funds by Town of Chapel Hill.
- Re-allocation of Section 5303 funds by Town of Chapel Hill.

The UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds. Funds that would not be expended during the current fiscal year (FY18) must be de-obligated through an amendment in order for the funds to be available (carried over) for programming during a later fiscal year or to be flexed for Federal Transit Administration grants. The proposed revisions are illustrated in amendment tables below.

## Town of Carrboro – STBG-DA FY18 UPWP Amendment #3 (re-allocation of funds among task codes)\*

| Description                        | After Amend. #3<br>(total share–100%) | Change<br>(total share–100%) | Original<br>(total share–100%) |
|------------------------------------|---------------------------------------|------------------------------|--------------------------------|
| Congestion Management Strategies   | \$ 844                                | \$ 208                       | \$ 636                         |
| Short Range Transit Planning       | \$ 2,494                              | \$ 814                       | \$ 1,680                       |
| Safety/Drug Control Planning       | \$ 0                                  | -\$ 208                      | \$ 208                         |
| Enviro Analysis & Pre-TIP Planning | \$ 0                                  | -\$ 814                      | \$ 814                         |
| <b>Total Revision</b>              | <b>\$ 28,209</b>                      | <b>\$ 0</b>                  | <b>\$ 28,209</b>               |

## Town of Chapel Hill – STBG-DA FY18 UPWP Amendment #3 (de-obligate funds)\*

| Description                        | After Amend. #3<br>(total share–100%) | Change<br>(total share–100%) | Original – After<br>Amend. #1<br>(total share–100%) |
|------------------------------------|---------------------------------------|------------------------------|---|
| Central Area Parking Inventory     | \$ 975                                | -\$ 488                      | \$ 1,463  |
| Forecast of Future Travel Patterns | \$ 4,143                              | -\$ 2,070                    | \$ 6,213  |
| Highway Element of LRTP            | \$ 2,900                              | -\$ 1,241                    | \$ 4,141  |
| Congestion Management Strategies   | \$ 6,214                              | -\$ 2,070                    | \$ 8,284  |
| Planning Work Program              | \$ 4,634                              | -\$ 1,464                    | \$ 6,098  |
| TIP                                | \$ 14,911                             | -\$ 1,656                    | \$ 16,568   |
| Management and Operations          | \$ 24,853                             | -\$ 6,213                    | \$ 31,065   |
| <b>Total Revision</b>              | <b>\$ 117,443</b>                     | <b>-\$ 15,201</b>            | <b>\$ 132,644</b>                                   |

**Town of Chapel Hill - Section 5303 FY18 UPWP Amendment #3 (re-allocation of funds among task codes)\***

| <b>Task/Description</b>           | <b>After Amend. #3<br/>(total share–100%)</b> | <b>Change<br/>(total share–100%)</b> | <b>Original – (total<br/>share–100%)</b> |
|-----------------------------------|---|--------------------------------------|--|
| Traffic Volume Counts             | \$ 918  | \$ 918                               | \$ 0                                     |
| Transit System Data               | \$ 1,660                                      | -\$ 5,000                            | \$ 6,660                                 |
| Dwelling Unit, Pop. & Emp Change  | \$ 3,432                                      | -\$ 918                              | \$ 4,350                                 |
| Travel Time Studies               | \$ 5,000                                      | \$ 5,000                             | \$ 0                                     |
| Central Area Parking Inventory    | \$ 2,700                                      | -\$ 6,000                            | \$ 8,700                                 |
| Bike & Ped Facilities Inventory   | \$ 5,520                                      | -\$ 4,000                            | \$ 9,520                                 |
| Bike & Ped Counts                 | \$ 2,810                                      | -\$ 3,750                            | \$ 6,560                                 |
| Collection of Base Year Data      | \$ 1,875                                      | -\$ 800                              | \$ 2,675                                 |
| Bicycle & Ped Element of the LRTP | \$ 3,300                                      | \$ 3,300                             | \$ 0                                     |
| Financial Planning                | \$ 4,030                                      | -\$ 2,500                            | \$ 6,530                                 |
| Congestion Management Strategies  | \$ 24,315                                     | \$ 13,750                            | \$ 10,565                                |
| Short Range Transit Planning      | \$ 2,000                                      | \$ 2,000                             | \$ 0                                     |
| Enviro. Analysis & Pre-TIP Plng.  | \$ 2,360                                      | -\$ 2,000                            | \$ 4,360                                 |
| <b>Total Revision</b>             | <b>\$ 171,500</b>                             | <b>\$ 0</b>                          | <b>\$ 171,500</b>                        |

\*These tables only include tasks for which changes have been requested.

**RESOLUTION**

**TO APPROVE AMENDMENT #3 TO THE FY 2018 UNIFIED PLANNING WORK  
PROGRAM OF THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN  
PLANNING ORGANIZATION (DCHC MPO)**

**April 11, 2018**

A motion was made by Board Member \_\_\_\_\_ and seconded by Board Member \_\_\_\_\_ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

**WHEREAS**, A comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation planning projects are effectively allocated to the DCHC MPO; and

**WHEREAS**, The Durham-Chapel Hill-Carrboro MPO requests an amendment to the 2018 UPWP as outlined on the attached tables; and

**WHEREAS**, Members of the Board agree that the Unified Planning Work Program amendment effectively advances transportation planning for 2018

**Now, therefore, be it resolved that the Board hereby endorses Amendment #3 of the Durham-Chapel Hill-Carrboro Urban Area Unified Planning Work Program for the FY 2018 as described in the attached sheets.**

I, Damon Seils, MPO Board Chair, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Durham-Chapel Hill- Carrboro Urban Area MPO Board, duly held on the 11<sup>th</sup> day of April, 2018

\_\_\_\_\_  
Signature of Board Chair  
Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

Durham County, North Carolina

I certify that Damon Seils personally appeared before me this day to affix his signature to the forgoing document.

Date: April 11, 2018

\_\_\_\_\_  
Frederick Brian Rhodes, Notary Public  
My commission expires: May 10, 2020

**MPO-Wide STBG-DA FY18 UPWP Amendment #3 (Includes Town of Carrboro and Town of Chapel Hill)\***

| <b>Task/Description</b>            | <b>After Amend. #3<br/>(total share–100%)</b> | <b>Change<br/>(total share–100%)</b> | <b>Original – After<br/>Amend. #2<br/>(total share–100%)</b> |
|------------------------------------|---|--------------------------------------|--|
| Central Area Parking Inventory     | \$ 10,816                                     | -\$ 488                              | \$ 11,304  |
| Forecast of Future Travel Patterns | \$ 4,143                                      | -\$ 2,070                            | \$ 6,213   |
| Highway Element of LRTP            | \$ 33,403                                     | -\$ 1,241                            | \$ 34,644  |
| Congestion Management Strategies   | \$ 129,518                                    | -\$ 1,862                            | \$ 131,380   |
| Short Range Transit Planning       | \$ 2,494                                      | \$ 814                               | \$ 1,680   |
| Planning Work Program              | \$ 43,045                                     | -\$ 1,464                            | \$ 44,509  |
| TIP                                | \$ 72,112                                     | -\$ 1,656                            | \$ 73,768  |
| Safety/Drug Control Planning       | \$ 14,000                                     | -\$ 208                              | \$ 14,208  |
| Enviro Analysis & Pre-TIP Planning | \$ 40,985                                     | -\$ 814                              | \$ 41,799  |
| Management and Operations          | \$ 98,146                                     | -\$ 6,213                            | \$ 104,359   |
| <b>Total Revision</b>              | <b>\$ 1,873,182</b>                           | <b>-\$ 15,201</b>                    | <b>\$ 1,888,383</b>  |

**MPO-Wide Section 5303 FY18 UPWP Amendment #3 (Includes Town of Chapel Hill)\***

| <b>Task/Description</b>           | <b>After Amend. #3<br/>(total share–100%)</b> | <b>Change<br/>(total share–100%)</b> | <b>Original – (total<br/>share–100%)</b> |
|-----------------------------------|---|--------------------------------------|--|
| Traffic Volume Counts             | \$ 918  | \$ 918                               | \$ 0                                     |
| Transit System Data               | \$ 82,420                                     | -\$ 5,000                            | \$ 87,420                                |
| Dwelling Unit, Pop. & Emp Change  | \$ 3,432                                      | -\$ 918                              | \$ 4,350                                 |
| Travel Time Studies               | \$ 5,000                                      | \$ 5,000                             | \$ 0                                     |
| Central Area Parking Inventory    | \$ 2,700                                      | -\$ 6,000                            | \$ 8,700                                 |
| Bike & Ped Facilities Inventory   | \$ 5,520                                      | -\$ 4,000                            | \$ 9,520                                 |
| Bike & Ped Counts                 | \$ 2,810                                      | -\$ 3,750                            | \$ 6,560                                 |
| Collection of Base Year Data      | \$ 1,875                                      | -\$ 800                              | \$ 2,675                                 |
| Bicycle & Ped Element of the LRTP | \$ 3,300                                      | \$ 3,300                             | \$ 0                                     |
| Financial Planning                | \$ 7,290                                      | -\$ 2,500                            | \$ 9,790                                 |
| Congestion Management Strategies  | \$ 24,315                                     | \$ 13,750                            | \$ 10,565                                |
| Short Range Transit Planning      | \$ 28,100                                     | \$ 2,000                             | \$ 26,100                                |
| Enviro. Analysis & Pre-TIP Plng.  | \$ 2,360                                      | -\$ 2,000                            | \$ 4,360                                 |
| <b>Total Revision</b>             | <b>\$ 350,000</b>                             | <b>\$ 0</b>                          | <b>\$ 350,000</b>                        |

\*These tables include only those tasks for which a change was requested.

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



**TIP Amendment**  
(change in funding  
greater than \$1M)



**TIP Modification**  
(change in funding  
less than \$1M)



There are previous  
amendments to  
this project.

Date: 3-7-18

Amendment Requested By: City of Durham

### Existing Project Details

Project Name: R. Kelly Bryant Bridge Trail

STIP/TIP #: EB-5720

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

### Existing Project Schedule and Funding: Enter the most current project information.

Use the MPO database: [bitly.com/mpoprojects](http://bitly.com/mpoprojects)

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total       |
|-----------------|--------------|----------------|---------------|-------------|-------------|-------------|
| Prior Year      | Planning     | LOCAL          | \$0           | \$0         | \$50,000    | \$50,000    |
| 2017            | PE/Design    | TAP            | \$233,000     | \$0         | \$58,000    | \$291,000   |
| 2018            | PE/Design    | TAP            | \$230,047     | \$0         | \$57,512    | \$287,559   |
| 2018            | ROW          | LOCAL          | \$0           | \$0         | \$10,000    | \$10,000    |
| 2019            | Construction | TAP            | \$1,534,000   | \$0         | \$383,000   | \$1,917,000 |
| 2020            | ROW          | TAP            | \$2,800       | \$0         | \$700       | \$3,500     |
| 2021            | Construction | TAP            | \$1,989,974   | \$0         | \$524,676   | \$2,514,650 |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
| Funding Totals: |              |                | \$3,989,821   | \$0         | \$1,083,888 | \$5,073,709 |

Total Project  
Cost

### Proposed Project Schedule and Funding: Enter the full proposed project schedule & funding.

In many cases, the current project information from the above table will be re-entered at the top of the Proposed Table to represent FULL project information.

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total       |
|-----------------|--------------|----------------|---------------|-------------|-------------|-------------|
| Prior Year      | Planning     | LOCAL          | \$0           | \$0         | \$50,000    | \$50,000    |
| 2018            | PE/Design    | TAP            | \$462,847     | \$0         | \$115,712   | \$578,559   |
| 2020            | ROW          | TAP            | \$2,800       | \$0         | \$10,700    | \$13,500    |
| 2021            | Construction | TAP            | \$3,523,974   | \$0         | \$880,994   | \$4,404,968 |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
|                 |              |                | \$0           | \$0         | \$0         | \$0         |
| Funding Totals: |              |                | \$3,989,621   | \$0         | \$1,057,406 | \$5,047,027 |

Total Project  
Cost



## **TIP Amendment Request - Revise An Existing Project**

### **Project Details - Continued**

Please provide previous STIP/TIP # or new STIP/TIP # (if applicable):

If this amendment has already been reflected in the NCDOT STIP, please provide date of STIP action and attach supporting information:

Project Description/Details/Termini/etc. to be amended (if applicable):

Project now encompasses both the north and south portions of the R. Kelly Bryant Bridge Trail, including the funding and scope for EB-5833. Full scope is now from NC 55 to Drew-Granby Park, and incorporates shared use paths and connecting sidewalks. Existing project schedule above includes funding for EB-5833.

Please provide additional details or explanation related to this amendment request such as explanation for schedule delays, project cost changes, or other supporting information (if applicable). For example, why is this amendment being requested?

Combine funding from EB-5720 and EB-5833 in order to coordinate the delivery schedules for both projects and increase efficiency. Move ROW to FY20 and construction to FY21 to more accurately reflect construction schedule.

**Please email completed form and any supporting documents to DCHC MPO TIP manager. Please follow-up with TIP manager to confirm receipt of form.**

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 5**

\* R-5785

DURHAM

FRANKLIN

GRANVILLE

PERSON

VANCE

WAKE

WARREN

**PROJ.CATEGORY**

DIVISION

VARIOUS, DIVISION 5 PROGRAM TO UPGRADE  
INTERSECTIONS TO COMPLY WITH THE AMERICANS  
WITH DISABILITIES ACT (ADA) USING  
TRANSPORTATION ALTERNATIVES (TA) FUNDS.

**ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY  
PROGRAMMED.**

CONSTRUCTION

FY 2018 - \$800,000 (TAP)

FY 2018 - \$200,000 (S(E))

---

 \$1,000,000

\* U-4727

CHATHAM

DURHAM

ORANGE

**PROJ.CATEGORY**

DIVISION

VARIOUS, DURHAM-CHAPEL HILL-CARRBORO  
METROPOLITAN PLANNING ORGANIZATION  
(DCHCMPO) PLANNING ALLOCATION AND UNIFIED  
WORK PROGRAM.

**ADD STBGDA FUNDS IN FY 18 NOT PREVIOUSLY  
PROGRAMMED, AT REQUEST OF MPO TO  
SUPPLEMENT PLANNING ACTIVITIES.**

PLANNING

FY 2018 - \$1,738,000 (STBGDA)

FY 2018 - \$435,000 (L)

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 \$2,173,000

**These items are for informational purposes only and subject to future NC Board of Transportation approval.  
It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.**

\* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 7**

\* R-5787

ALAMANCE

CASWELL

GUILFORD

ORANGE

ROCKINGHAM

**PROJ.CATEGORY**

DIVISION

VARIOUS, DIVISION 7 PROGRAM TO UPGRADE  
INTERSECTIONS TO COMPLY WITH THE AMERICANS  
WITH DISABILITIES ACT (ADA) USING  
TRANSPORTATION ALTERNATIVES (TA) FUNDS.

**ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY  
PROGRAMMED.**

|              |           |             |        |
|--------------|-----------|-------------|--------|
| CONSTRUCTION | FY 2018 - | \$800,000   | (TAP)  |
|              | FY 2018 - | \$200,000   | (S(E)) |
|              |           | \$1,000,000 |        |

**DIVISION 8**

\* R-5788

CHATHAM

HOKE

LEE

MONTGOMERY

MOORE

RANDOLPH

RICHMOND

SCOTLAND

**PROJ.CATEGORY**

DIVISION

VARIOUS, DIVISION 8 PROGRAM TO UPGRADE  
INTERSECTIONS TO COMPLY WITH THE AMERICANS  
WITH DISABILITIES ACT (ADA) USING  
TRANSPORTATION ALTERNATIVES (TA) FUNDS.

**ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY  
PROGRAMMED.**

|              |           |             |        |
|--------------|-----------|-------------|--------|
| CONSTRUCTION | FY 2018 - | \$800,000   | (TAP)  |
|              | FY 2018 - | \$200,000   | (S(E)) |
|              |           | \$1,000,000 |        |

**These items are for informational purposes only and subject to future NC Board of Transportation approval.  
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\* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**ITEM N  
(HANDOUT)**

**REVISIONS TO THE 2018-2027 STIP  
HIGHWAY PROGRAM**

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

|  |   |  |   |  |  |  |
|--|---|--|---|--|--|--|
| * EB-5720<br>DURHAM<br>PROJ.CATEGORY<br>DIVISION | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING ORGANIZATION | BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL,<br>NC 55 TO TO DREW-GRANBY PARK IN DURHAM.<br>CONSTRUCT SHARED-USE PATH AND CONNECTING<br>SIDEWALKS.<br><u>REVISE PROJECT DESCRIPTION TO INCLUDE EB-5833</u><br><u>SCOPE AT THE REQUEST OF MPO.</u>                          | ENGINEERING<br><br><br>RIGHT-OF-WAY<br><br>CONSTRUCTION | FY 2018 -<br>FY 2018 -<br>FY 2020 -<br>FY 2020 -<br>FY 2021 -<br>FY 2021 - | \$230,000<br>\$58,000<br>\$3,000<br>\$11,000<br>\$3,524,000<br>\$908,000 | (TAP)<br>(L)<br>(TAP)<br>(L)<br>(TAP)<br>(L) |
|  |   |  |   |  |  | \$4,734,000                                  |
| U-5516<br>DURHAM<br>PROJ.CATEGORY<br>REGIONAL    | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING ORGANIZATION | US 501 (ROXBORO ROAD), SR 1448 (LATTA ROAD) / SR<br>1639 (INFINITY ROAD) INTERSECTION IN DURHAM.<br>INTERSECTION IMPROVEMENTS.<br><u>TO ALLOW ADDITIONAL TIME FOR DESIGN DELAY</u><br><u>RIGHT-OF-WAY FROM FY 18 TO FY 19 AND</u><br><u>CONSTRUCTION FROM FY 19 TO 20.</u> | RIGHT-OF-WAY<br><br>CONSTRUCTION                        | FY 2019 -<br>FY 2019 -<br>FY 2020 -  | \$4,341,000<br>\$2,000,000<br>\$5,500,000                                | (NHP)<br>(L)<br>(NHP)                        |
|  |   |  |   |  |  | \$11,841,000                                 |

**STIP DELETIONS**

|  |   |  |              |           |             |       |
|--|---|--|--------------|-----------|-------------|-------|
| * EB-5833<br>DURHAM<br>PROJ.CATEGORY<br>DIVISION | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING ORGANIZATION | BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL,<br>KELLY BRYANT BRIDGE TO DREW-GRANBY PARK IN<br>DURHAM. CONSTRUCT SHARED-USE PATH AND<br>CONNECTING SIDEWALKS.<br><br><u>DELETE PROJECT AT THE REQUEST OF MPO. WORK<br/>TO BE ACCOMPLISHED UNDER EB-5720.</u> | ENGINEERING  | FY 2018 - | \$230,000   | (TAP) |
|  |   |  |              | FY 2018 - | \$58,000    | (L)   |
|  |   |  | RIGHT-OF-WAY | FY 2020 - | \$3,000     | (TAP) |
|  |   |  |              | FY 2020 - | \$1,000     | (L)   |
|  |   |  | CONSTRUCTION | FY 2021 - | \$1,990,000 | (TAP) |
|  |   |  |              | FY 2021 - | \$525,000   | (L)   |
|  |   |  |              |           | \$2,807,000 |       |

\* INDICATES FEDERAL AMENDMENT

Thursday, March 8, 2018

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS**  
**HIGHWAY PROGRAM**  
**STIP MODIFICATIONS**

**DIVISION 5**

|  |  |  |              |  |
|--|--|--|--------------|--|
| * EB-5514<br>DURHAM<br>PROJ.CATEGORY<br>TRANSITION | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING<br>ORGANIZATION | NC 751 / SR 1183 / SR 2220 / NON-SYSTEM<br>(UNIVERSITY DRIVE), SR 1116 (GARRETT ROAD) TO<br>SR 1158 (CORNWALLIS ROAD) IN DURHAM. ADD<br>BICYCLE LANES AND PEDESTRIAN IMPROVEMENTS.<br><u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY<br/>PROGRAMMED [DELAY FROM 16-25 STIP] TO<br/>REFLECT CURRENT CITY DELIVERY SCHEDULE.</u>  | CONSTRUCTION | FY 2018 - \$820,000 (TAP)<br>FY 2018 - <u>\$205,000</u> (L)<br>\$1,025,000 |
| * EB-5703<br>DURHAM<br>PROJ.CATEGORY<br>DIVISION   | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING<br>ORGANIZATION | LASALLE STREET, KANGAROO DRIVE TO SPRUNT<br>AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON<br>BOTH SIDES FROM KANGAROO DRIVE TO US 70<br>BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDE<br>FROM HILLSBOROUGH ROAD TO SPRUNT AVENUE.<br><u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY<br/>PROGRAMMED [DELAY FROM 16-25 STIP] TO<br/>REFLECT CURRENT CITY DELIVERY SCHEDULE.</u> | CONSTRUCTION | FY 2019 - \$462,000 (TAP)<br>FY 2019 - <u>\$116,000</u> (L)<br>\$578,000   |
| * EB-5708<br>DURHAM<br>PROJ.CATEGORY<br>DIVISION   | - DURHAM-CHAPEL HILL-CARRBORO<br>METROPOLITAN PLANNING<br>ORGANIZATION | NC 54, NC 55 TO RESEARCH TRIANGLE PARK<br>WESTERN LIMIT IN DURHAM. CONSTRUCT SECTIONS<br>OF SIDEWALK ON SOUTH SIDE.<br><u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY<br/>PROGRAMMED [DELAY FROM 16-25 STIP] TO<br/>REFLECT CURRENT CITY DELIVERY SCHEDULE.</u>   | CONSTRUCTION | FY 2019 - <u>\$275,000</u> (SRTS)<br>\$275,000                             |

**These items are for informational purposes only and subject to future NC Board of Transportation approval.**  
**It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.**

\* INDICATES FEDERAL AMENDMENT

Thursday, February 01, 2018

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS**  
**HIGHWAY PROGRAM**  
**STIP MODIFICATIONS**

**DIVISION 5**

|               |                               |   |              |           |             |       |
|---------------|-------------------------------|---|--------------|-----------|-------------|-------|
| * EB-5715     | - DURHAM-CHAPEL HILL-CARRBORO | US 501 BYPASS (NORTH DUKE STREET), MURRAY   | CONSTRUCTION | FY 2019 - | \$1,015,000 | (TAP) |
| DURHAM        | METROPOLITAN PLANNING         | AVENUE TO US 501 BUSINESS (NORTH ROXBORO    |              | FY 2019 - | \$254,000   | (L)   |
| PROJ.CATEGORY | ORGANIZATION                  | ROAD) IN DURHAM. CONSTRUCT SIDEWALK ON EAST |              |           | \$1,269,000 |       |
| DIVISION      |                               | SIDE TO FILL IN EXISTING GAPS.              |              |           |             |       |

**ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY  
PROGRAMMED [DELAY FROM 16-25 STIP] TO  
REFLECT CURRENT CITY DELIVERY SCHEDULE.**

**These items are for informational purposes only and subject to future NC Board of Transportation approval.  
It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.**

\* INDICATES FEDERAL AMENDMENT

Thursday, January 04, 2018

**REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS**  
**HIGHWAY PROGRAM**  
**STIP MODIFICATIONS**

**DIVISION 7**

|               |                               |   |              |           |                  |             |
|---------------|-------------------------------|---|--------------|-----------|------------------|-------------|
| * C-5179      | - DURHAM-CHAPEL HILL-CARRBORO | SR 1750 (NORTH ESTES DRIVE), NC 86 (MARTIN      | CONSTRUCTION | FY 2018 - | \$1,630,000      | (CMAQ)      |
| ORANGE        | METROPOLITAN PLANNING         | LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE    |              | FY 2018 - | <u>\$408,000</u> | (L)         |
| PROJ.CATEGORY | ORGANIZATION                  | IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS   |              |           |                  | \$2,038,000 |
| EXEMPT        |                               | AND FIVE FOOT BIKE LANES.                       |              |           |                  |             |
|               |                               | NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO    |              |           |                  |             |
|               |                               | ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN      |              |           |                  |             |
|               |                               | FOOT MULTIUSE PATH.                             |              |           |                  |             |
|               |                               | <u>ADD CONSTRUCTION IN FY 18 NOT PREVIOUSLY</u> |              |           |                  |             |
|               |                               | <u>PROGRAMMED (DELAY FROM 16-25 STIP) TO</u>    |              |           |                  |             |
|               |                               | <u>REFLECT TOWN'S LATEST PROJECT DELIVERY</u>   |              |           |                  |             |
|               |                               | <u>SCHEDULE</u>                                 |              |           |                  |             |

**These items are for informational purposes only and subject to future NC Board of Transportation approval.**  
**It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.**

\* INDICATES FEDERAL AMENDMENT

Thursday, January 04, 2018

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



**TIP Amendment**  
(change in funding  
greater than \$1M)



**TIP Modification**  
(change in funding  
less than \$1M)



There are previous  
amendments to  
this project.

Date: 2-27-18

Amendment Requested By: City of Durham

### Existing Project Details

Project Name: NC 751/NC 54 Sidewalk

STIP/TIP #: U-4726 HJ

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

**Existing Project Schedule and Funding:** Enter the most current project information.

Use the MPO database: [bitly.com/mpoprojects](http://bitly.com/mpoprojects)

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total     |
|-----------------|--------------|----------------|---------------|-------------|-------------|-----------|
| 2016            | ROW          | LOCAL          | \$0           | \$0         | \$56,058    | \$56,058  |
| 2017            | Construction | STP-DA         | \$182,000     | \$0         | \$45,500    | \$227,500 |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
| Funding Totals: |              |                | \$182,000     | \$0         | \$101,558   | \$283,558 |

Total Project  
Cost

**Proposed Project Schedule and Funding:** Enter the full proposed project schedule & funding.

In many cases, the current project information from the above table will be re-entered at the top of the Proposed Table to represent FULL project information.

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total     |
|-----------------|--------------|----------------|---------------|-------------|-------------|-----------|
| 2016            | ROW          | LOCAL          | \$0           | \$0         | \$56,058    | \$56,058  |
| 2017            | Construction | STP-DA         | \$182,000     | \$0         | \$45,500    | \$227,500 |
| 2018            | Construction | STBGDA         | \$175,000     | \$0         | \$43,750    | \$218,750 |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
| Funding Totals: |              |                | \$357,000     | \$0         | \$145,308   | \$502,308 |

Total Project  
Cost



## **TIP Amendment Request - Revise An Existing Project**

### **Project Details - Continued**

Please provide previous STIP/TIP # or new STIP/TIP # (if applicable):

If this amendment has already been reflected in the NCDOT STIP,  
please provide date of STIP action and attach supporting information:

Project Description/Details/Termini/etc. to be amended (if applicable):

Please provide additional details or explanation related to this amendment request such as explanation for schedule delays, project cost changes, or other supporting information (if applicable). For example, why is this amendment being requested?

[Additional STBGDA money to complete project. Funds are part of City of Durham STBGDA apportionment.](#)

**Please email completed form and any supporting documents to DCHC MPO TIP manager. Please follow-up with TIP manager to confirm receipt of form.**

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



**TIP Amendment**  
(change in funding  
greater than \$1M)



**TIP Modification**  
(change in funding  
less than \$1M)



There are previous  
amendments to  
this project.

Date: 2-27-18

Amendment Requested By: City of Durham

### Existing Project Details

Project Name: Avondale Drive Bike/Ped

STIP/TIP #: U-4726 HM

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

### Existing Project Schedule and Funding: Enter the most current project information.

Use the MPO database: [bitly.com/mpoprojects](http://bitly.com/mpoprojects)

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total     |
|-----------------|--------------|----------------|---------------|-------------|-------------|-----------|
| Prior Year      | Construction | STP-DA         | \$323,907     | \$0         | \$80,976    | \$404,883 |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
| Funding Totals: |              |                | \$323,907     | \$0         | \$80,976    | \$404,883 |

Total Project  
Cost

### Proposed Project Schedule and Funding: Enter the full proposed project schedule & funding.

In many cases, the current project information from the above table will be re-entered at the top of the Proposed Table to represent FULL project information.

| FY              | Phase/Work   | Funding Source | Federal Share | State Share | Local Share | Total     |
|-----------------|--------------|----------------|---------------|-------------|-------------|-----------|
| Prior Year      | Construction | STP-DA         | \$323,907     | \$0         | \$80,976    | \$404,883 |
| 2018            | Construction | STBGDA         | \$163,935     | \$0         | \$40,984    | \$204,919 |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
|                 |              |                | \$0           | \$0         | \$0         | \$0       |
| Funding Totals: |              |                | \$487,842     | \$0         | \$121,960   | \$609,802 |

Total Project  
Cost

## **TIP Amendment Request - Revise An Existing Project**

### **Project Details - Continued**

Please provide previous STIP/TIP # or new STIP/TIP # (if applicable):

If this amendment has already been reflected in the NCDOT STIP,  
please provide date of STIP action and attach supporting information:

Project Description/Details/Termini/etc. to be amended (if applicable):

Please provide additional details or explanation related to this amendment request such as explanation for schedule delays, project cost changes, or other supporting information (if applicable). For example, why is this amendment being requested?

[Additional STBGDA money to complete project. Funds are part of City of Durham STBGDA apportionment.](#)

**Please email completed form and any supporting documents to DCHC MPO TIP manager. Please follow-up with TIP manager to confirm receipt of form.**



Durham - Chapel Hill - Carrboro  
Metropolitan Planning Organization Board  
April 11, 2018

### **FY 2018-2027 TIP Amendment #2 Summary Sheet**

*See full report for additional information on each project.*

- **C-5179 North Estes Drive:** Delay construction until 2018 to reflect town's project delivery schedule.
- **EB-5514 NC 751 Bike/Ped:** Delay construction until 2018 to reflect city's project delivery schedule.
- **EB-5703 LaSalle Street Sidewalks:** Add \$42,000 in construction funding and delay construction until 2019 to reflect city's project delivery schedule.
- **EB-5708 NC 54 Sidewalks:** Add \$25,000 in construction funding and delay construction until 2019 to reflect city's project delivery schedule.
- **EB-5715 North Duke Street Sidewalks:** Delay construction until 2019 to reflect city's project delivery schedule.
- **EB-5720/EB-5833 R. Kelly Bryant Bridge Trail:** Combine projects into one (EB-5720). Revise project schedule to match city's delivery schedule.
- **R-5785 TAP Division 5:** Add construction funds in 2018 not previously programmed.
- **R-5787 TAP Division 7:** Add construction funds in 2018 not previously programmed.
- **R-5788 TAP Division 8:** Add construction funds in 2018 not previously programmed.
- **U-4726 HJ NC 751/NC 54 Sidewalk:** Add FY18 STBGDA funds for construction.
- **U-4726 HM Avondale Drive Bike/Ped:** Add FY18 STBGDA funds for construction.
- **U-4727 DCHC MPO Planning Activities:** Add STBGDA funds in 2018 not previously programmed.
- **U-5516 Roxboro-Latta/Infinity Intersection Improvements:** Add federal and state funds for ROW; delay ROW to 2019 and construction to 2020.

**RESOLUTION TO MODIFY THE 2018-2027 TRANSPORTATION  
IMPROVEMENT PROGRAM FOR THE DURHAM-CHAPEL HILL-CARRBORO  
METROPOLITAN PLANNING AREA**

**AMENDMENT #2  
April 11, 2018**

A motion was made by MPO Board Member \_\_\_\_\_ and seconded by MPO Board Member \_\_\_\_\_ for the adoption of the following resolution, and upon being put to a vote, was duly adopted.

**WHEREAS**, the Transportation Improvement Program (TIP) is a staged multiple year listing of all federally funded transportation projects scheduled for implementation within the Durham-Chapel Hill-Carrboro Metropolitan Planning Area which have been selected from a priority list of projects; and

**WHEREAS**, the document provides the mechanism for official endorsement of the program of projects by the MPO Board; and

**WHEREAS**, the inclusion of the TIP in the transportation planning process was first mandated by regulations issued jointly by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) and no project within the planning area will be approved for funding by these federal agencies unless it appears in the officially adopted TIP; and

**WHEREAS**, the procedures for developing the TIP have been modified in accordance with certain provisions of the MAP-21 Federal Transportation Act, Fixing America's Surface Transportation (FAST) Act, and guidance provided by the State; and

**WHEREAS**, projects listed in the TIP are also included in the State TIP (STIP) and balanced against anticipated revenues as identified in both the TIP and the STIP; and

**WHEREAS**, the North Carolina Department of Transportation and the MPO Board have determined it to be in the best interest of the Urban Area to amend the FY 2018-2027 Transportation Improvement Program as described in the attached sheets; and

**WHEREAS**, in the summer 2015 the United States Environmental Protection Agency designated the DCHC MPO Urbanized Area as attainment for air quality conformity; and

**WHEREAS**, the DCHC MPO certifies that this TIP amendment is consistent with the intent of the DCHC MPO 2040 Metropolitan Transportation Plan (MTP); and

**BE IT THEREFORE RESOLVED** that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board hereby approve the Amendment #2 to the FY 2018-2027 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on April 11, 2018, and as described in the "FY 2018-2027 TIP Amendment #2 Summary Sheets" on this, the 11<sup>th</sup> day of April, 2018.

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Damon Seils, MPO Board Chair

Durham County, North Carolina

I certify that Damon Seils personally appeared before me this day acknowledging to me that he signed the forgoing document.

Date: April 11, 2018

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Frederick Brian Rhodes, Notary Public  
My commission expires: May 10, 2020

## MEMORANDUM

**To:** DCHC MPO Board

**From:** DCHC MPO Lead Planning Agency

**Date:** April 11, 2018

**Subject:** **Lead Planning Agency (LPA) Synopsis of Staff Report**

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This memorandum provides a summary status of tasks for major DCHC MPO projects in the Unified Planning Work Program (UPWP).

- Indicates that task is ongoing and not complete.
- ✓ Indicates that task is complete.

### **Major UPWP – Projects**

#### **Comprehensive Transportation Plan (CTP)**

- ✓ Completed

#### **2045 Metropolitan Transportation Plan (MTP)**

- ✓ MTP Schedule/Timeline & development process Approval – January 2016
- ✓ MTP Public Involvement plan – January 2016
- ✓ MTP Goals, Objectives and Performance Measures – In progress
- ✓ Deficiency Analysis & Needs Assessment– May 2017
- ✓ Socioeconomic Forecasts – May 2017
- ✓ Land use Scenarios – May 2017
- ✓ Alternative Analysis – August 2017
- ✓ Preferred Option – October 2017
- ✓ Air Quality analysis and Conformity (not required)
- ✓ Adopt 2045 MTP – March 2018
- ✓ Technical report and implementation – December 2017

#### **MPO Community Viz. Scenarios Planning and Visualization -2.0 (Connect 2025)**

- ✓ Field verification – Complete
- ✓ Focus Groups/Delphi Process – FY 2015
- ✓ Model update and testing – September 2016
- ✓ Model/Scenario Building – May 2017
- ✓ Adopted SE Data – December 2017

#### **2016/2017 MPO Data Collection & Surveillance of Change (Traffic/Travel Time/Crash/Transit)**

- ✓ Data collection (Volume/Trucks/Travel Time/Speed/Bike/Ped) – ongoing –continuous data collection
- ✓ Data collection (AirSage, INRIX, HERE data)
- ✓ Transit data collection – ongoing –continuous data collection

**GIS Online (AGOL)/Data Management**

- ✓ MPO Interactive GIS/Mapping – Continuous/On-going
- ✓ Development of public portals for MPO applications – Continuous/On-going
- ✓ Maintenance and updates – Continuous/On-going
- ✓ Development of open data – Continuous/On-going

**MPO Website Update and Maintenance**

- ✓ Post Launch Services – Continuous/On-going
- ✓ Interactive GIS – Continuous/On-going
- ✓ Facebook/Twitter management – Continuous/On-going
- ✓ Enhancement of Portals – Continuous/On-going

**Triangle Regional Model Update**

- ✓ Completed
- Work Commences on the Rolling Household Survey

**Prioritization 5.0/STI**

- ✓ Summarize MPO P4 projects not funded (“Holding Tank” for P5) –February 2017
- ✓ Board approves existing projects revisions/modifications projects to be submitted for SPOT-5 – May 10, 2017 (deadline July 30, 2017)
- ✓ Preparation and ranking of new projects (23 for each mode) –February to June 2017
- ✓ Existing project revision/modification/deletion due to NCDOT for receiving extra new submittals (one out, one in) – July 30, 2017
- ✓ SPOT-5 Online opens for entering new P5 projects July 5 (deadline September 29, 2017)
- ✓ Board approves new projects to be submitted for SPOT-5 – September 13, 2017
- ✓ MPO submits new SPOT-5 projects to NCDOT – September 29, 2017
- ✓ LPA updates local ranking methodology – December 2017
- ✓ TCC makes recommendation on local ranking methodology – January 2018
- ✓ Board approves local ranking methodology – March 2018
- ✓ Deadline for approval of Local Input Points Assignment Methodologies – April 1, 2018
- MPO applies local ranking methodology (points) – April - June 2018
- Board releases MPO assigned points for local input/public comments – May 9, 2018
- Board holds public hearing on locally assigned points – June 2018
- LPA addresses public comments and makes draft recommendation on local points for Regional category – June 2018
- Approval of Regional Impact points – June 2018
- Submission of Regional Impact points to NCDOT – June 2018
- Assignment of Division Needs points (begins August 2018)

**Regional Freight Plan**

- ✓ Consultant Selection/Contract Approval Complete
- ✓ Kick-Off Meeting – Conducted in July 2015
- ✓ Stakeholder outreach and engagement – October 2015
- ✓ Formation of the freight advisory committee – October 2015
- ✓ Data collection, analysis and assessment – November 2015
- ✓ Freight goals & objectives and performance measures – February 2016
- ✓ Analysis of freight existing conditions and trends – TBD
- ✓ Forecasts of future demands (2035 and 2045) – TBD
- ✓ Evaluation of future conditions – TBD
- ✓ Strategic freight corridors and zones – TBD



- ✓ Recommendation & implementation strategies – TBD
- Final report and presentation – TBD

#### **MPO ADA Transition Plan**

- ✓ Update self-assessment – Underway
- ✓ Draft MPO Transition Plan – August 2015
- ✓ Local reviews – September 2015
- ✓ FHWA review – September 2015
- ✓ Public comments – October-December 2015
- ✓ Stakeholder outreach – February 2017
- ✓ Roundtable discussion – May 11, 2017
- ✓ Self-assessment Data Analysis – July 2017-December 2017
- ✓ FHWA/NCDOT Final Review – February 2018
- ✓ Final approval – December 2017

#### **NC 98 Corridor Study**

- ✓ Project kick-off and initial public engagement – February 2017
- ✓ Transportation analysis (and public engagement) – June 2017
- ✓ Conceptual designs and options (and public engagement) – September/October 2017
- Final plan – February 2018

#### **NC 54 West Corridor Study**

- ✓ Select consultant – February 2017
- ✓ Project kick-off and initial public engagement – September 2017
- ✓ Inventory and Existing Conditions – November 2017
- ✓ Transportation analysis (and public engagement) – January 2018
- Conceptual designs and options (and public engagement) – May 2018
- Final plan – August 2018

#### **US 15-501 Corridor Study**

- ✓ Funding approved by NCDOT
- Project Management Plan
- Public engagement plan
- Technical Kick-off meeting
- Development of corridor vision goals and performance measures
- Development of corridor profile
- Prepare summary of existing plans
- Prepare community profile report
- Develop and forecast travel profile/multi modal analysis
- ITS Screening
- Accessibility evaluation
- Evaluation of alternative strategies
- Implementation plan and final report
- Plan adoption
- SPOT submittal

#### **Regional Intelligent Transportation System**

- ✓ Project management plan
- Development of public involvement strategy and communication plan

- Conduct stakeholder workshops
- Analysis of existing conditions
- Assessment of need and gaps
- Review existing deployments and evaluate technologies
- Identification of ITS strategies
- Update Triangle Regional Architecture
- Develop Regional Architecture Use and maintenance
- Develop project prioritization methodology
- Prepare Regional ITS Deployment Plan and Recommendation
- 

### **Regional Toll Study**

- ✓ Prepare project management and coordination plan
- ✓ Project initiation
- Survey and questionnaire/education
- Data preparation /data collection/screening
- Review state of the practice
- Analysis of market characteristics
- Screening
- Tolling and managed lane strategies
- Recommendations
- Project prioritization

### **Project Development/NEPA**

- US 70 Freeway Conversion
- NC 54 Widening
- NC 147 Interchange Reconstruction
- I-85
- I-40

### **DOLRT-Engineering**

- Administration of the Staff Working Group
- Review of engineering plans
- Stakeholder participation

### **Safety Performance Measures Target Setting**

- ✓ Data mining and analysis
- ✓ Development of rolling averages and baseline
- ✓ Development of targets setting framework
- ✓ Estimates of achievements
- Forecast of data and measures

### **Up Coming Projects**

- Mobility Report Card
- Congestion Management Process (CMP)
- State of Systems Report

|  |  |   |  |
|--|--|---|--|
| <b>Contract Number:</b> C203394  |  | <b>Route:</b> I-885, NC-147, NC-98<br>US-70 |  |
| <b>Division:</b> 5   |  | <b>County:</b> Durham                       |  |
| <b>TIP Number:</b> U-0071  |  |   |  |
| <b>Length:</b> 4.009 miles   |  | <b>Federal Aid Number:</b>                  |  |
| <b>NCDOT Contact:</b> Cameron D. Richards  |  | <b>NCDOT Contact No:</b> (919)835-8200      |  |
| <b>Location Description:</b> EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM. |  |   |  |
| <b>Contractor Name:</b> DRAGADOS USA INC   |  |   |  |
| <b>Contract Amount:</b> \$141,949,500.00   |  | <b>Cost Overrun/Underrun:</b> 6.96%         |  |
| <b>Work Began:</b> 02/26/2015  |  | <b>Letting Date:</b> 11/18/2014             |  |
| <b>Original Completion Date:</b> 05/10/2020  |  | <b>Revised Completion Date:</b>             |  |
| <b>Latest Payment Thru:</b> 03/22/2018   |  | <b>Scheduled Progress:</b> 60.68%           |  |
| <b>Latest Payment Date:</b> 03/29/2018   |  | <b>Actual Progress:</b> 63.59%              |  |

|   |  |   |  |
|---|--|---|--|
| <b>Contract Number:</b> C203492   |  | <b>Route:</b> SR-2220                     |  |
| <b>Division:</b> 5  |  | <b>County:</b> Durham                     |  |
| <b>TIP Number:</b> EB-4707B   |  |   |  |
| <b>Length:</b> 1.756 miles  |  | <b>Federal Aid Number:</b> STPDA-0505(64) |  |
| <b>NCDOT Contact:</b> Troy B. Brooks, PE  |  | <b>NCDOT Contact No:</b> (919)707-2400    |  |
| <b>Location Description:</b> SR-2220 (OLD CHAPEL HILL ROAD) FROM SR-1113 (POPE ROAD) TO SR-1116 (GARRETT ROAD). |  |   |  |
| <b>Contractor Name:</b> FSC II LLC DBA FRED SMITH COMPANY   |  |   |  |
| <b>Contract Amount:</b> \$7,295,544.75  |  | <b>Cost Overrun/Underrun:</b> 2.72%       |  |
| <b>Work Began:</b> 06/26/2017   |  | <b>Letting Date:</b> 05/16/2017           |  |
| <b>Original Completion Date:</b> 05/14/2019   |  | <b>Revised Completion Date:</b>           |  |
| <b>Latest Payment Thru:</b> 02/28/2018  |  | <b>Scheduled Progress:</b> 31%            |  |
| <b>Latest Payment Date:</b> 03/09/2018  |  | <b>Actual Progress:</b> 37.32%            |  |

|   |  |  |  |
|---|--|--|--|
| <b>Contract Number:</b> C203567   |  | <b>Route:</b> NC-55                        |  |
| <b>Division:</b> 5  |  | <b>County:</b> Durham                      |  |
| <b>TIP Number:</b> U-3308   |  |  |  |
| <b>Length:</b> 1.134 miles  |  | <b>Federal Aid Number:</b> STP-55(20)      |  |
| <b>NCDOT Contact:</b> Troy B. Brooks, PE  |  | <b>NCDOT Contact No:</b> (919)707-2400     |  |
| <b>Location Description:</b> NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST). |  |  |  |
| <b>Contractor Name:</b> ZACHRY CONSTRUCTION CORPORATION   |  |  |  |
| <b>Contract Amount:</b> \$39,756,916.81   |  | <b>Cost Overrun/Underrun:</b> 2.38%        |  |
| <b>Work Began:</b> 10/05/2016   |  | <b>Letting Date:</b> 07/19/2016            |  |
| <b>Original Completion Date:</b> 03/30/2020   |  | <b>Revised Completion Date:</b> 07/16/2020 |  |
| <b>Latest Payment Thru:</b> 03/15/2018  |  | <b>Scheduled Progress:</b> 20.1%           |  |
| <b>Latest Payment Date:</b> 03/23/2018  |  | <b>Actual Progress:</b> 23.58%             |  |

|   |  |   |  |
|---|--|---|--|
| <b>Contract Number:</b> C203987                                     |  | <b>Route:</b> -                         |  |
| <b>Division:</b> 5  |  | <b>County:</b> Durham                   |  |
| <b>TIP Number:</b> B-4943   |  |   |  |
| <b>Length:</b> 0.18 miles   |  | <b>Federal Aid Number:</b> BRZ-1616(10) |  |
| <b>NCDOT Contact:</b> James M. Nordan, PE                           |  | <b>NCDOT Contact No:</b> (919)220-4680  |  |
| <b>Location Description:</b> BRIDGE #20 OVER DIAL CREEK ON SR-1616. |  |   |  |
| <b>Contractor Name:</b> FSC II LLC DBA FRED SMITH COMPANY           |  |   |  |
| <b>Contract Amount:</b> \$0.00                                      |  | <b>Cost Overrun/Underrun:</b> 0%        |  |
| <b>Work Began:</b> 05/07/2018                                       |  | <b>Letting Date:</b> 01/16/2018         |  |
| <b>Original Completion Date:</b> 04/30/2019                         |  | <b>Revised Completion Date:</b>         |  |
| <b>Latest Payment Thru:</b>   |  | <b>Scheduled Progress:</b> 0%           |  |
| <b>Latest Payment Date:</b>   |  | <b>Actual Progress:</b> 0%              |  |

|  |  |  |  |
|--|--|--|--|
| <b>Contract Number:</b> C204087  |  | <b>Route:</b> US-70                    |  |
| <b>Division:</b> 5   |  | <b>County:</b> Durham                  |  |
| <b>TIP Number:</b>   |  |  |  |
| <b>Length:</b> 44.124 miles  |  | <b>Federal Aid Number:</b>             |  |
| <b>NCDOT Contact:</b> Cameron D. Richards  |  | <b>NCDOT Contact No:</b> (919)835-8200 |  |
| <b>Location Description:</b> 1 SECTION OF US-70 AND 106 SECTIONS OF SECONDARY ROADS. |  |  |  |
| <b>Contractor Name:</b> CAROLINA SUNROCK LLC   |  |  |  |
| <b>Contract Amount:</b> \$7,054,264.20   |  | <b>Cost Overrun/Underrun:</b> 0%       |  |
| <b>Work Began:</b> 01/16/2018  |  | <b>Letting Date:</b> 09/19/2017        |  |
| <b>Original Completion Date:</b> 11/15/2018  |  | <b>Revised Completion Date:</b>        |  |
| <b>Latest Payment Thru:</b> 02/28/2018   |  | <b>Scheduled Progress:</b> 18%         |  |
| <b>Latest Payment Date:</b> 03/07/2018   |  | <b>Actual Progress:</b> 13.4%          |  |

|  |   |
|--|---|
| <b>Contract Number:</b> DE00173<br><b>Division:</b> 5<br><b>TIP Number:</b> W-5205V<br><b>Length:</b> 0 miles<br><b>NCDOT Contact:</b> Troy B. Brooks, PE<br><b>Location Description:</b> SR 1104/SR 1105 (HERNDON RD) AT SR 1106 (MASSEY CHAPEL/ BARBEE RD) IN DURHAM COUNTY<br><b>Contractor Name:</b> TRIANGLE GRADING & PAVING INC<br><b>Contract Amount:</b> \$1,046,988.75<br><b>Work Began:</b> 05/01/2017<br><b>Original Completion Date:</b> 08/18/2017<br><b>Latest Payment Thru:</b> 03/15/2018<br><b>Latest Payment Date:</b> 03/22/2018           | <b>Route:</b> SR-1104<br><b>County:</b> Durham<br><b>Federal Aid Number:</b> HSIP-1104(19)<br><b>NCDOT Contact No:</b> (919)707-2400<br><b>Cost Overrun/Underrun:</b> 9.58%<br><b>Letting Date:</b> 11/09/2016<br><b>Revised Completion Date:</b> 10/31/2017<br><b>Scheduled Progress:</b> 100%<br><b>Actual Progress:</b> 66.28% |
| <b>Contract Number:</b> DE00206<br><b>Division:</b> 5<br><b>TIP Number:</b><br><b>Length:</b> 0.23 miles<br><b>NCDOT Contact:</b> Cameron D. Richards<br><b>Location Description:</b> BRIDGE #117 OVER MUD CREEK SR 1308 (CORNWALLIS ROAD)<br><b>Contractor Name:</b> DANE CONSTRUCTION INC<br><b>Contract Amount:</b> \$0.00<br><b>Work Began:</b><br><b>Original Completion Date:</b><br><b>Latest Payment Thru:</b><br><b>Latest Payment Date:</b>  | <b>Route:</b> SR-1308<br><b>County:</b> Durham<br><b>Federal Aid Number:</b><br><b>NCDOT Contact No:</b> (919)835-8200<br><b>Cost Overrun/Underrun:</b> 0%<br><b>Letting Date:</b> 12/13/2017<br><b>Revised Completion Date:</b><br><b>Scheduled Progress:</b> 0%<br><b>Actual Progress:</b> 0%                                   |
| <b>Contract Number:</b> DE00213<br><b>Division:</b> 5<br><b>TIP Number:</b><br><b>Length:</b> 0 miles<br><b>NCDOT Contact:</b> Cameron D. Richards<br><b>Location Description:</b> VARIOUS PRIMARY AND SECONDARY ROUTES IN DURHAM COUNTY<br><b>Contractor Name:</b> CAROLINA SUNROCK LLC<br><b>Contract Amount:</b> \$4,169,878.04<br><b>Work Began:</b> 10/18/2017<br><b>Original Completion Date:</b> 06/01/2018<br><b>Latest Payment Thru:</b> 02/28/2018<br><b>Latest Payment Date:</b> 03/07/2018   | <b>Route:</b> NC-55<br><b>County:</b> Durham<br><b>Federal Aid Number:</b><br><b>NCDOT Contact No:</b> (919)835-8200<br><b>Cost Overrun/Underrun:</b> 0.04%<br><b>Letting Date:</b> 06/28/2017<br><b>Revised Completion Date:</b><br><b>Scheduled Progress:</b> 9.3%<br><b>Actual Progress:</b> 38.59%                            |
| <b>Contract Number:</b> DE00214<br><b>Division:</b> 5<br><b>TIP Number:</b><br><b>Length:</b> 0 miles<br><b>NCDOT Contact:</b> Troy B. Brooks, PE<br><b>Location Description:</b> VARIOUS SECONDARY ROUTES IN DURHAM AND PERSON COUNTIES<br><b>Contractor Name:</b> WHITEHURST PAVING CO INC<br><b>Contract Amount:</b> \$0.00<br><b>Work Began:</b><br><b>Original Completion Date:</b> 07/01/2018<br><b>Latest Payment Thru:</b><br><b>Latest Payment Date:</b>  | <b>Route:</b> SR-XXX<br><b>County:</b> Durham<br><b>Federal Aid Number:</b><br><b>NCDOT Contact No:</b> (919)707-2400<br><b>Cost Overrun/Underrun:</b> 0%<br><b>Letting Date:</b> 06/14/2017<br><b>Revised Completion Date:</b><br><b>Scheduled Progress:</b> 0%<br><b>Actual Progress:</b> 0%                                    |
| <b>Contract Number:</b> DE00216<br><b>Division:</b> 5<br><b>TIP Number:</b> W-5601GD, W-5601GG,<br>W-5601HX<br>W-5601HY<br><b>Length:</b> 0 miles<br><b>NCDOT Contact:</b> Troy B. Brooks, PE<br><b>Location Description:</b> SR 1361 (VICKERS AVE) AT LAKEWOOD AVENUE IN DURHAM COUNTY<br><b>Contractor Name:</b> BRENTWOOD DISPLAY SERVICES INC.<br><b>Contract Amount:</b> \$211,982.82<br><b>Work Began:</b> 07/05/2017<br><b>Original Completion Date:</b> 12/05/2017<br><b>Latest Payment Thru:</b> 12/31/2017<br><b>Latest Payment Date:</b> 01/11/2018 | <b>Route:</b> SR-1361<br><b>County:</b> Durham<br><b>Federal Aid Number:</b> HSIP-1361(010)<br><b>NCDOT Contact No:</b> (919)707-2400<br><b>Cost Overrun/Underrun:</b> 8.23%<br><b>Letting Date:</b> 05/24/2017<br><b>Revised Completion Date:</b><br><b>Scheduled Progress:</b> 100%<br><b>Actual Progress:</b> 68.27%           |

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|--|---|
| <b>Contract Number:</b> DE00228  | <b>Route:</b> I-85                        |
| <b>Division:</b> 5   | <b>County:</b> Durham                     |
| <b>TIP Number:</b> I-5729  |   |
| <b>Length:</b> 5.61 miles  | <b>Federal Aid Number:</b> NHPP-0085(013) |
| <b>NCDOT Contact:</b> Troy B. Brooks, PE   | <b>NCDOT Contact No:</b> (919)707-2400    |
| <b>Location Description:</b> I-85 FROM US-15/501 TO EAST OF SR-1827 (MIDLAND TERRACE RD) IN DURHAM |   |
| <b>Contractor Name:</b> INTERSTATE IMPROVEMENT INC   |   |
| <b>Contract Amount:</b> \$4,168,265.78   | <b>Cost Overrun/Underrun:</b> 2.02%       |
| <b>Work Began:</b> 03/13/2018  | <b>Letting Date:</b> 10/11/2017           |
| <b>Original Completion Date:</b> 11/01/2018  | <b>Revised Completion Date:</b>           |
| <b>Latest Payment Thru:</b> 03/22/2018   | <b>Scheduled Progress:</b> 5.6%           |
| <b>Latest Payment Date:</b> 04/02/2018   | <b>Actual Progress:</b> 10.61%            |

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|---|---|
| <b>Contract Number:</b> DE00230   | <b>Route:</b> SR-1118                     |
| <b>Division:</b> 5  | <b>County:</b> Durham                     |
| <b>TIP Number:</b> W-5601EH   |   |
| <b>Length:</b> 0 miles  | <b>Federal Aid Number:</b> HSIP-1118(007) |
| <b>NCDOT Contact:</b> James M. Nordan, PE   | <b>NCDOT Contact No:</b> (919)220-4680    |
| <b>Location Description:</b> SR 1118 (FAYETTEVILLE ROAD) AT COOK ROAD (SOUTHERN INTERSECTION) IN DURHAM |   |
| <b>Contractor Name:</b> FULCHER ELECTRIC OF FAYETTEVILLE INC  |   |
| <b>Contract Amount:</b> \$70,660.50   | <b>Cost Overrun/Underrun:</b> 1.07%       |
| <b>Work Began:</b> 02/15/2018   | <b>Letting Date:</b> 12/13/2017           |
| <b>Original Completion Date:</b> 04/15/2018   | <b>Revised Completion Date:</b>           |
| <b>Latest Payment Thru:</b> 02/28/2018  | <b>Scheduled Progress:</b> 43%            |
| <b>Latest Payment Date:</b> 03/13/2018  | <b>Actual Progress:</b> 37.95%            |

## NCDOT Division 5 Contract Status

| Project ID    | Description  | R/W Plans Complete | R/W Acqui Begins | Let Type                | Let Date   | Project Manager   | Con Est      | Comments   |
|---------------|--|--------------------|------------------|-------------------------|------------|-------------------|--------------|--|
| W-5705C       | US 501 AT GARRETT ROAD, US 501 BUSINESS AT WESTGATE DRIVE, US 501 BUSINESS AT TOWER BOULEVARD, AND US 501 BUSINESS AT SHANNON ROAD SAFETY IMPROVEMENTS   |                    |                  | Division POC Let (DPOC) | 2/28/2018  | MICHAEL KNEIS     | \$375,000    |  |
| U-4726HJ      | CONSTRUCTION OF SIDEWALKS ON NC 751 BETWEEN GARRETT RD AND NC 54, AND ON NC 54 BETWEEN NC 751 AND DRESDEN DRIVE  |                    |                  | NON - DOT LET (LAP)     | 4/30/2018  | JENNIFER A. EVANS |              |  |
| W-5705M       | I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)   |                    |                  | On Call Contract (OCC)  | 5/3/2018   | MICHAEL KNEIS     | \$80,000     |  |
| W-5705N       | I-85 AT CLUB BOULEVARD, GLEN SCHOOL ROAD, RED MILL ROAD, REDWOOD ROAD INTERCHANGE RAMPS, SAFETY IMPROVEMENTS (MP: 5.474- 12.304)   |                    |                  | On Call Contract (OCC)  | 5/3/2018   | ROGER KLUCKMAN    | \$322,000    | Planning and design 50% complete.                |
| 15005.1032011 |  |                    |                  | Division POC Let (DPOC) | 5/23/2018  | Lisa Gilchrist    |              |  |
| C-5605E       | CITY OF DURHAM BICYCLE LANE STRIPING: 8 MILE OF BIKE LANES.  |                    | 11/1/2017        | NON - DOT LET (LAP)     | 6/1/2018   | JENNIFER A. EVANS | \$504,000    |  |
| EB-4707A      | SR 1838/ SR 2220 FROM US 15/501 IN ORANGE COUNTY TO SR 1113(POPE ROAD) IN DURHAM COUNTY BICYCLE, PEDESTRIAN AND TRANSIT IMPROVEMENTS   | 8/20/2015          | 8/20/2015        | Division POC Let (DPOC) | 6/21/2018  | MICHAEL KNEIS     | \$2,844,000  |  |
| U-5745        | NC 751 (HOPE VALLEY ROAD) AT SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.  | 8/21/2017          | 7/6/2017         | Division POC Let (DPOC) | 6/27/2018  | ROGER KLUCKMAN    | \$1,300,000  | R/W acquisition in progress                      |
| W-5705K       | SR 1327(GREGSON STREET)AT LAMOND AVENUE(MP:0.386-0.386); AND SR 1445(DUKE STREET)AT WEST CORPORATION STREET (MP:1.230-1.230) SAFETY IMPROVEMENTS   |                    |                  | Division POC Let (DPOC) | 6/28/2018  | MICHAEL KNEIS     | \$65,000     |  |
| EB-5514       | NC 751 / SR 1183 (UNIVERSITY DRIVE) / SR 2220 (CHAPEL HILL ROAD) / NON-SYSTEM (UNIVERSITY DRIVE) FROM SR 1116 (GARRETT ROAD) TO SR 1158 (CORNWALLIS ROAD)IN DURHAM. ADD BICYCLE LANES AND PEDESTRIAN IMPROVEMENTS. |                    |                  | NON - DOT LET (LAP)     | 7/5/2018   | JENNIFER A. EVANS | \$1,025,000  |  |
| C-5183B       | SR 1945 (S ALSTON AVENUE) FROM SR 1171 (RIDDLE ROAD) TO CAPPS STREET. CONSTRUCT SIDEWALKS IN DURHAM  | 9/30/2017          | 9/30/2017        | NON - DOT LET (LAP)     | 9/28/2018  | JENNIFER A. EVANS | \$706,000    |  |
| 17BP.5.C.02   | Pipe Replacement on University Drive   |                    |                  | Division POC Let (DPOC) | 12/7/2018  | Lisa Gilchrist    | \$300,000    | City request to add sidewalk and curb and gutter |
| W-5601EM      | SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET. SAFETY IMPROVEMENTS.   |                    |                  | Division POC Let (DPOC) | 12/12/2018 | MICHAEL KNEIS     | \$14,000     |  |
| 44932.3.1     |  |                    |                  | On Call Contract (OCC)  | 12/28/2018 | Roger Kluckman    |              |  |
| C-5605I       | DURHAM NEIGHBORHOOD BIKE ROUTE:~7 MILES OF SIGNED AND MARKED NEIGHBORHOOD BIKE ROUTES IN CENTRAL DURHAM.   |                    | 8/30/2018        | NON - DOT LET (LAP)     | 3/29/2019  | JENNIFER A. EVANS | \$540,883    |  |
| U-5968        | CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM   |                    |                  | Raleigh Letting (LET)   | 4/16/2019  | SHERRY C. YOW     | \$21,865,000 |  |
| U-4726HO      | CARPENTER - FLETCHER ROAD BIKE - PED; CONSTRUCT BIKE LANES / SIDEWALKS (CITY MAINTAINED) FROM WOODCROFT PARKWAY (CITY MAINTAINED ) TO ALSTON AVENUE (SR 1945).   |                    | 6/30/2018        | NON - DOT LET (LAP)     | 6/30/2019  | JENNIFER A. EVANS |              |  |

## NCDOT Division 5 Contract Status

| <u>Project ID</u> | <u>Description</u>   | <u>R/W Plans Complete</u> | <u>R/W Acq Begins</u> | <u>Let Type</u>                    | <u>Let Date</u> | <u>Project Manager</u> | <u>Con Est</u> | <u>Comments</u>   |
|-------------------|--|---------------------------|-----------------------|------------------------------------|-----------------|------------------------|----------------|---|
| C-5605H           | DOWNTOWN DURHAM WAYFINDING PROGRAM SIGNS/KIOSKS TO FACILITATE NAVIGATION AND PARKING.  | 9/30/2018                 | 9/30/2018             | NON - DOT LET (LAP)                | 7/1/2019        | JENNIFER A. EVANS      | \$605,000      |   |
| 47451.3.1         | NC 98 ( Holloway Street) - Traffic Signal at Adams Street and channelization at S. Woodcrest Street  |                           |                       | On Call Contract (OCC)             | 7/15/2019       | Roger Kluckman         | \$144,000      | Planning and design in progress.                                |
| EB-5703           | DURHAM - LASALLE STREET FROM KANGAROO DRIVE TO SPRUNT AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES FROM KANGAROODRIVE TO US 70 BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDEFROM HILLSBOROUGH ROAD TO SPRUNT AVENUE. |                           |                       | NON - DOT LET (LAP)                | 9/29/2019       | JENNIFER A. EVANS      | \$578,000      |   |
| EB-5704           | DURHAM - RAYNOR STREET FROM NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET   |                           |                       | NON - DOT LET (LAP)                | 9/29/2019       | JENNIFER A. EVANS      | \$250,000      |   |
| EB-5708           | NC 54 FROM NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT INDURHAM CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE   |                           |                       | NON - DOT LET (LAP)                | 9/29/2019       | JENNIFER A. EVANS      | \$275,000      |   |
| EB-5715           | US 501 BYPASS (NORTH DUKE STREET) FROM MURRAY AVENUE TO US 501 BUSINESS (NORTH ROXBORO ROAD) IN DURHAM CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN EXISTING GAPS  |                           |                       | NON - DOT LET (LAP)                | 9/29/2019       | JENNIFER A. EVANS      | \$1,269,000    |   |
| 17BP.5.R.97       |  |                           |                       | Division POC Let (DPOC)            | 10/15/2019      | Lisa Gilchrist         |                |   |
| U-4726HN          | CONSTRUCT BIKE LANES/SIDEWALKS IN DURHAM - HILLANDALE ROAD   | 10/30/2018                | 10/30/2018            | NON - DOT LET (LAP)                | 1/30/2020       | JENNIFER A. EVANS      |                |   |
| C-4928            | SR 1317 (MORRENE ROAD) FROM NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.   | 11/1/2018                 | 11/1/2018             | NON - DOT LET (LAP)                | 2/28/2020       | JENNIFER A. EVANS      | \$5,783,000    |   |
| U-5717            | US 15/US 501 @ SR 1116 (GARRETT ROAD) IN DURHAM CONVERT AT-GRADE INTERSECTION TO INTERCHANGE   | 4/21/2019                 | 4/21/2019             | Division Design Raleigh Let (DDRL) | 4/21/2020       | BENJAMIN J. UPSHAW     | \$26,300,000   | Addressing public comments and selecting preferred alternative. |
| 17BP.5.R.83       |  |                           |                       | Division POC Let (DPOC)            | 4/22/2020       | Lisa Gilchrist         |                |   |
| U-5516            | AT US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.  | 5/17/2019                 | 5/17/2019             | Division Design Raleigh Let (DDRL) | 5/20/2020       | BENJAMIN J. UPSHAW     | \$5,500,000    | Developing alternatives in response to public comments.         |
| I-5707            | I-40 - FROM NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM   | 6/18/2019                 | 6/18/2019             | Raleigh Letting (LET)              | 6/16/2020       | TATIA L. WHITE         | \$3,550,000    |   |
| P-5717            | NORFOLK SOUTHER H LINE CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.  | 6/28/2019                 | 6/30/2019             | Raleigh Letting (LET)              | 6/23/2020       | KUMAR TRIVEDI          | \$10,000,000   |   |
| U-4724            | DURHAM - CORNWALLIS RD (SR 1158) FROM SR 2295 (SOUTH ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD) IN DURHAM. BIKE AND PEDESTRIAN FEATURES.  |                           |                       | NON - DOT LET (LAP)                | 6/30/2020       | JENNIFER A. EVANS      | \$4,978,000    |   |
| EB-5904           | DUKE BELT LINE TRAIL - PETTIGREW STREET TO AVONDALE STREET IN DURHAM, CONSTRUCT A MULTI-USE TRAIL ON FORMER RAIL CORRIDOR  | 3/30/2018                 | 3/30/2018             | NON - DOT LET (LAP)                | 9/1/2020        | JENNIFER A. EVANS      | \$3,750,000    |   |

## NCDOT Division 5 Contract Status

| Project ID | Description   | R/W Plans Complete | R/W Acqui Begins | Let Type                           | Let Date   | Project Manager    | Con Est       | Comments                                       |
|------------|---|--------------------|------------------|------------------------------------|------------|--------------------|---------------|--|
| EB-5837    | THIRD FORK CREEK TRAIL FROM SOUTHERN BOUNDARIES PARK TO AMERICAN TOBACCO TRAIL IN DURHAM. CONSTRUCT SHARED USE PATH ANDSIDEWALKS, AND INSTALL BEACON AT SR 1158 (CORNWALLIS RD.) CROSSING.          | 6/1/2020           | 6/30/2020        | NON - DOT LET (LAP)                | 6/30/2021  | JENNIFER A. EVANS  | \$2,546,000   |  |
| U-5823     | WOODCROFT PARKWAY EXTENSION. FROM SR 1116 (GARRETT ROAD) TONC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT.   | 1/27/2020          | 1/27/2020        | NON - DOT LET (LAP)                | 8/30/2021  | JENNIFER A. EVANS  | \$1,798,000   |  |
| EB-5720    | BRYANT BRIDGE NORTH/GOOSE CREEK WEST TRAIL, NC 55 TO DREW-GRANBY PARK IN DURHAM. CONSTRUCT SHARED-USE PAHT AND CONNECTING SIDEWALKS.  | 9/30/2020          | 9/30/2020        | NON - DOT LET (LAP)                | 9/30/2021  | JENNIFER A. EVANS  | \$4,432,000   |  |
| U-5934     | NC 147 FROM I-40 TO FUTURE I-885(EAST END CONNECTOR)IN DURHAM ADD LANES AND REHABILITATE PAVEMENT   |                    | 2/15/2022        | Design Build Let (DBL)             | 2/15/2022  | TATIA L. WHITE     | \$177,100,000 |  |
| U-5720A    | US 70 (MIAMI BLVD) FROM LYNN ROAD TO SR 1959 (SOUTH MIAMI BOULEVARD/SR 1811 (SHERRON ROAD)  |                    | 3/15/2022        | Design Build Let (DBL)             | 3/15/2022  | TATIA L. WHITE     | \$57,000,000  |  |
| U-5720B    | US 70 (MIAMI BLVD) AT SR 1959 (SOUTH MIAMI BOULEVARD)/SR 1811 (SHERRON ROAD)INTERSECTION  |                    | 3/15/2022        | Design Build Let (DBL)             | 3/15/2022  | TATIA L. WHITE     | \$25,300,000  |  |
| U-5720C    | US 70 (MIAMI BLVD) FROM SR 1959 (SOUTH MIAMI BLVD)/SR 1811 (SHERRON ROAD) TO SR 2095 (PAGE ROAD EXTENSIONS). UPGRADE TOCONTROLLED-ACCESS FACILITY AND CONVERT AT-GRADE INTERSECTION TO INTERCHANGE. |                    | 3/15/2022        | Design Build Let (DBL)             | 3/15/2022  | TATIA L. WHITE     | \$110,800,000 |  |
| EB-5834    | NC 157 / SR 1322 (GUESS RD.) FROM HILLCREST DRIVETO SR 1407(WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTHSIDES.  |                    | 6/30/2021        | NON - DOT LET (LAP)                | 9/20/2022  | JENNIFER A. EVANS  | \$589,000     |  |
| U-6021     | SR 1118 (FAYETTEVILLE ROAD),FROM WOODCROFT PARKWAY TO BARBEE ROAD IN DURHAM. WIDEN TO 4-LANE DIVIDED FACILITY WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS.   | 2/19/2021          | 2/19/2021        | Division Design Raleigh Let (DDRL) | 2/21/2023  | BENJAMIN J. UPSHAW | \$13,770,000  | Kimley Horn selected to perform planning work. |
| U-5937     | NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1445(SOUTH DUKE STREET)TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AULIARY LANES AND OPERATIONAL IMPROVEMENTS.   | 3/19/2021          | 3/19/2021        | Raleigh Letting (LET)              | 3/21/2023  | TATIA L. WHITE     | \$47,001,000  |  |
| EB-5835    | NC 55 (ALSTON AVE.) FROM SR 1171 (RIDDLE RD.) TO CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN MISSING GAPS.   |                    | 6/20/2022        | NON - DOT LET (LAP)                | 9/20/2023  | JENNIFER A. EVANS  | \$525,000     |  |
| I-5941     | I-85 FROM ORANGE COUNTY LINE TO US 15 /US 501 IN DURHAM PAVEMENT REHABILITATION   | 9/5/2023           |                  | Division Design Raleigh Let (DDRL) | 12/19/2023 | MICHAEL KNEIS      | \$2,973,000   |  |
| I-5942     | I-85 /US 15 FROM NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY PAVEMENT REHABILITATION  | 9/5/2023           |                  | Division Design Raleigh Let (DDRL) | 12/19/2023 | MICHAEL KNEIS      | \$8,357,000   |  |
| B-5674     | REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND  | 1/20/2023          | 1/20/2023        | Raleigh Letting (LET)              | 1/16/2024  | KEVIN FISCHER      | \$2,209,000   |  |
| U-5774B    | NC 54 FROM US 15/US 501 IN ORANGE COUNTY TO SR 1110 (BARBEECHAPEL ROAD) IN DURHAM COUNTY  | 6/16/2022          | 6/16/2022        | Raleigh Letting (LET)              | 6/18/2024  | TATIA L. WHITE     | \$30,900,000  |  |
| U-5774C    | NC 54 FROM SR 1110 (BARBEE CHAPEL ROAD) TO I-40   | 6/16/2022          | 6/16/2022        | Raleigh Letting (LET)              | 6/18/2024  | TATIA L. WHITE     | \$23,700,000  |  |
| U-5774H    | NC 54 FROM NC 751 TO SR 1118 (FAYETTEVILLE ROAD)  | 7/15/2022          | 7/15/2022        | Raleigh Letting (LET)              | 10/15/2024 | TATIA L. WHITE     | \$13,200,000  |  |



## NCDOT Division 5 Contract Status

| <u>Project ID</u> | <u>Description</u>  | <u>R/W Plans<br/>Complete</u> | <u>R/W Acqu<br/>Begins</u> | <u>Let Type</u>        | <u>Let Date</u> | <u>Project Manager</u> | <u>Con Est</u> | <u>Comments</u> |
|-------------------|---|-------------------------------|----------------------------|------------------------|-----------------|------------------------|----------------|-----------------|
| I-5982            | I-540 DURHAM & WAKE COUNTY FROM I-40 IN DURHAM TO I-495/US 64/US 264 IN KNIGHTDALE. CONSTRUCT MANAGED SHOULDERS.  |                               | 1/21/2025                  | Design Build Let (DBL) | 1/21/2025       | RODGER ROCHELLE        | \$109,970,000  |                 |
| P-5706            | EAST DURHAM SAFETY AND TRACK IMPROVEMENTS. CONSTRUCT EXTENSION, TO INCLUDE COMBINATION GRADE SEPARATIONS AND CLOSURESAT ELLIS ROAD SOUTH END CROSSING (734737A), GLOVER ROAD CROSSING (734735L), AND WRENN ROAD CROSSING (734736T) IN DURHAM. | 2/1/2023                      | 2/1/2023                   | NON - DOT LET (Rail)   | 1/31/2025       | MATTHEW SIMMONS        | \$42,400,000   |                 |
| P-5716            | NORFOLK SOUTHERN H LINE CROSSING 735236Y AT SR 1171 (ELLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.   | 6/30/2023                     | 6/30/2023                  | Raleigh Letting (LET)  | 6/23/2026       | MATTHEW SIMMONS        | \$3,700,000    |                 |
| P-5728            | NS H LINE DURHAM COUNTY CONSTRUCT GRADE SEPARATION AT NEAL ROAD. COST INFORMATION DOES NOT EXIST AT THIS TIME AND A PLACEHOLDER VALUE OF \$1 WAS USED IN THE COST ESTIMATING SCREEN.  | 12/20/2024                    | 1/21/2025                  | Raleigh Letting (LET)  | 12/15/2026      | MATTHEW SIMMONS        | \$4,000,000    |                 |
| U-6067            | US 15/US 501 DURHAM COUNTY FROM I-40 TO US 15/US 501 BUSINESS IN DURHAM UPGRADE CORRIDOR TO EXPRESSWAY.   | 2/21/2025                     | 2/21/2025                  | Raleigh Letting (LET)  | 2/17/2027       | TATIA L. WHITE         | \$140,300,000  |                 |

## NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

| TIP/WBS #  | Description   | Let/Start Date | Completion Date | Cost                         | Status  | Project Lead     |
|--|---|----------------|-----------------|------------------------------|---|------------------|
| B-4962<br>40174.1.1<br>40174.2.1<br>40174.3.1    | Replace Bridge #46 over Eno river on US 70 Bypass   | 2/19/2019      | FY 2021         | \$5,012,000                  | Planning and Design activities underway   | Kevin Fischer    |
| I-3306AC<br>34178.1.6<br>34178.2.5<br>434178.3.9 | Interchange improvements at I-40 and NC86 in Chapel Hill  | 3/21/2023      | FY 2025         | \$16,500,000                 | Planning and Design activities underway   | Laura Sutton     |
| P-5701<br>46395.1.1<br>46395.3.1                 | Construct Platform, Passenger Rail Station Building at Milepost 41.7 Norfolk Southern H-line in <b>Hillsborough</b>   | 6/30/2021      | FY2022          | \$7,200,000                  | PE funding scheduled 7/1/2020   | Matthew Simmons  |
| SS-4907BS<br>44894.2.1<br>44894.3.1              | Installation of traffic signal at the intersection of US70 and SR 1114 (Buckhorn Road) East of <b>Mebane</b> .  | 5/31/2017      | Jan. 2018       | \$40,500 R/W<br>\$43,200 CON | Utility relocations complete , R/W acquisition pending  | Dawn McPherson   |
| SS-4907BW<br>47356.1.1<br>47356.3.1              | Intersection improvements at SR 1114 (Buckhorn Road) and SR 1146 (West Ten Road) east of Mebane. Convert two way stop to ALL WAY STOP. Construct radius improvements to accommodate turning traffic | 9/1/2017       | Dec. 2017       | \$3000 PE<br>\$55,000 CON    | Installation 4-way stop complete, radius improvements completed by resurfacing -Spring 2018, RTE final inspection pending | Dawn McPherson   |
| U-5846<br>50236.1.1<br>50236.2.1<br>50236.3.1    | Construct a Roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in <b>Carrboro</b> .  | 4/19/2018      | Mar. 2019       | \$775,000                    | Planning and design activities underway, R/W acquisition - 25% complete   | Chris Smitherman |
| U-5847<br>50238.1.1<br>50238.2.1<br>50238.3.1    | Intersection improvements at SR 1010 (West Franklin St.) and SR 1771 (Merritt Mill Rd)/SR1927 (Brewer Lane) in <b>Chapel Hill / Carrboro</b> .  | Jan. 2019      | Mar. 2019       | \$775,000                    | Planning and design activities underway   | Chris Smitherman |
| U-5854<br>46382.1.1<br>46382.2.1<br>46382.3.1    | Construct a roundabout at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road) in <b>Chapel Hill</b>   | Jun. 2018      | FY 2019         | \$775,000                    | Planning and design activities underway, Utility coordination underway, R/W acquisition - 40% complete                    | Chris Smitherman |

## NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

| TIP/WBS #                                     | Description   | Let/Start Date | Completion Date | Cost        | Status   | Project Lead     |
|---|---|----------------|-----------------|-------------|--|------------------|
| U-6071<br>47496.1.1<br>47496.2.1<br>47496.3.1 | Intersection improvements at NC 54 and SR 1007 (Old Fayetteville Rd) in <b>Carrboro</b>   | 1/15/2026      | FY 2027         | \$1,216,000 | Planning and design activities underway  | Chris Smitherman |
| W-5707A<br>44853.1.1                          | Curb ramp improvements at the following intersections: SR 2048 (South Road) at Raleigh Street; SR 2048 (South Road) at Country Club Road, SR 1902 (Manning Drive) at Paul Hardin Drive, and SR 1902 (Manning Drive) at Ridge Road / Skipper Bowles Road in <b>Chapel Hill</b> | Mar. 2018      | Aug. 2018       | \$80,000    | Planning and design activities underway. Signal pedestrian improvements complete. Project let, Bid exceeded engineer's estimate, Re-let with upcoming TAP contract | Chris Smitherman |
| W-5707C<br>44853.1.3<br>44853.3.3<br>47490    | Revise pavement markings and overhead lane use signs for removal of inside lane drop configuration on I-40 Westbound in vicinity of US 15-501 interchange. Resurfacing I-40 WB by use of contingency funds  | Mar. 2018      | Aug. 2018       | \$395,000   | Planning and design activities underway, re-let due to bids exceeded engineers estimate, new let date pending - tentative Mar. 2018                                | Chris Smitherman |
| 47798   | Increase length of existing turn lane / slip ramp and improve existing radius in the SE quadrant of US 70 Business/ NC 86 at US 70 Bypass in <b>Hillsborough</b>  | Dec. 2018      | Jun. 2019       | \$189,000   | Funding approved Feb. 2018   | Chad Reimakoski  |



# North Carolina Department of Transportation

## Active Projects Under Construction - Orange Co.

| <u>Contract Number</u> | <u>TIP Number</u> | <u>Location Description</u>  | <u>Contractor Name</u>                       | <u>Resident Engineer</u>   | <u>Contract Bid Amount</u> | <u>Availability Date</u> | <u>Work Start Date</u> | <u>Completion Date</u> | <u>Progress Schedule</u> | <u>Completion Percent</u> |
|------------------------|-------------------|--|--|----------------------------|----------------------------|--------------------------|------------------------|------------------------|--------------------------|---------------------------|
| C203640                |                   | REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.  | HAYMES BROTHERS, INC.                        | Lorenz, PE, Kris           | \$3,124,500.00             | 06/01/2015               | 09/02/2015             | 11/01/2017             | 93.20                    | 86.93                     |
| C203641                |                   | REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.  | R.E. BURNS & SONS CO., INC.                  | Kirkman, PE, Christopher D | \$5,940,323.00             | 06/01/2015               | 06/01/2015             | 11/01/2018             | 73.90                    | 93.56                     |
| C203946                | B-5348            | REPLACE BRIDGE #85 OVER PHIL'S CRK ON SR-1005 (OLD G'BORO RD)  | DANE CONSTRUCTION INC                        | Kirkman, PE, Christopher D | \$984,596.98               | 02/01/2018               | 02/01/2018             | 12/27/2018             |                          |                           |
| C204025                | I-5954            | PAVEMENT REHAB ON I-40/I-85 FROM EAST OF NC-54 IN GRAHAM IN ALAMANCE COUNTY TO WEST OF SR-1114 (BUCKHORN RD) IN ORANGE COUNTY. | APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION | Kirkman, PE, Christopher D | \$9,699,053.68             |                          |                        |                        |                          |                           |
| DG00302                | P-4405K           | EXTEND BRYDSVILLE ROAD TO NC 86 AND REMOVE RAIL CROSSING   | TRIANGLE GRADING & PAVING INC                | Kirkman, PE, Christopher D | \$1,683,900.00             | 07/01/2016               | 09/29/2016             | 12/30/2017             | 100.00                   | 74.62                     |
| DG00321                |                   | GRADE IMPROVEMENTS ON SR 1004 (EFLAND-CEDAR GROVE RD)  | CAROLINA SUNROCK LLC                         | Kirkman, PE, Christopher D | \$1,711,133.05             | 04/02/2018               |                        | 04/02/2019             |                          |                           |
| DG00323                | C-5600F           | INSTALLATION OF FIBER-OPTIC COMMUNICATION NETWORK AND RELATED WORK FOR CENTER TO CENTER CONNECTION                             | ALS OF NORTH CAROLINA LLC                    | Kirkman, PE, Christopher D | \$885,605.60               | 11/14/2016               | 02/27/2017             | 09/09/2017             | 100.00                   | 99.87                     |
| DG00332                | W-5601 IF         | GUARDRAIL END TERMINAL UPGRADES ON I-85  | NICKELSTON INDUSTRIES INC                    | Kirkman, PE, Christopher D | \$494,243.00               | 12/05/2016               | 05/01/2017             | 09/05/2017             |                          |                           |
| DG00341                |                   | REPLACE BRIDGE NO. 18 ON SR 1421 (LIB ROAD) EAST BACK CREEK TRIBUTARY WITH CULVERT   | SMITH-ROWE, LLC                              | Kirkman, PE, Christopher D | \$310,294.00               | 03/15/2017               | 04/17/2017             | 01/15/2018             | 100.00                   | 98.60                     |
| DG00345                | U-3306(L)         | LANDSCAPING ON SR 1733 (WEAVER DAIRY ROAD)   | MOTS LANDSCAPING & LAWNS LLC                 | Kirkman, PE, Christopher D | \$73,101.80                | 01/23/2017               | 04/05/2017             | 06/15/2018             | 92.00                    | 89.70                     |
| DG00346                |                   | REPLACE BRIDGE #209 OVER FRANK CREEK ON SR 1366 (ATKINS ROAD)  | APPLE TUCK & ASSOCIATES INC                  | Kirkman, PE, Christopher D | \$363,834.19               | 05/01/2017               | 05/24/2017             | 02/07/2018             | 100.00                   | 96.39                     |
| DG00371                |                   | RESURFACE 9 SECONDARY ROADS IN ORANGE CO.  | CAROLINA SUNROCK LLC                         | Kirkman, PE, Christopher D | \$1,688,750.33             | 07/05/2017               | 08/30/2017             | 11/01/2018             | 13.30                    | 21.76                     |
| DG00372                | R-5787B           | ADA CURB RAMPS AT INTERSECTIONS IN BURLINGTON, GIBSONVILLE, GRAHAM, MEBANE, CARRBORO & CHAPEL HILL                             | ATLANTIC CONTRACTING COMPANY, INC.           | Kirkman, PE, Christopher D | \$128,910.00               | 07/24/2017               |                        | 03/28/2019             |                          |                           |
| DG00383                |                   | REPLACE BRIDGE # 84 OVER COLLINS CRK ON SR 1005 (OLD GREENSBORO RD)  | DANE CONSTRUCTION INC                        | Kirkman, PE, Christopher D | \$1,290,279.37             | 07/24/2017               | 07/24/2017             | 05/15/2018             | 99.00                    | 99.92                     |
| DG00391                |                   | REPLACE BRIDGE # 104 OVER STONEY CRK ON SR 1712 (UNIV. STATION RD)   | R.E. BURNS & SONS CO., INC.                  | Kirkman, PE, Christopher D | \$561,562.02               |                          |                        |                        |                          |                           |
| DG00393                |                   | RESURFACING ON SR 1101, SR 1118, SR 1119, SR 1124, SR 1125, SR 1127, SR 1128 SR 1130, SR 1134, SR 1135, ETC.                   | RILEY PAVING INC                             | Kirkman, PE, Christopher D | \$1,084,520.40             | 04/02/2018               |                        | 10/12/2018             |                          |                           |
| DG00395                |                   | REPLACE BRIDGE #189 ON SR 1114 (BUCKHORN ROAD) OVER CANE CREEK   | ST WOOTEN CORPORATION                        | Kirkman, PE, Christopher D | \$723,924.13               | 04/01/2018               |                        | 01/01/2019             |                          |                           |
| DG00403                |                   | INSTALL PED. FENCE ON BRIDGE #262, SR 1006 (ORANGE GROVE ROAD) OVER I-40   | BAXLEY CORPORATION                           | Kirkman, PE, Christopher D | \$94,400.00                | 01/08/2018               |                        | 04/01/2018             |                          |                           |

| Chatham County - DCHC MPO - Upcoming Projects - Division 8--April 2018 |  |                                  |           |                    |            |                              |              |                          |
|--|--|----------------------------------|-----------|--------------------|------------|------------------------------|--------------|--------------------------|
| Contract # or<br>WBS # or TIP #  | Route                                      | Description                      | Let Date  | Completion<br>Date | Contractor | Project Admin.               | Project Cost | Notes                    |
| R-5825   | NC 751 at SR 1731<br>(O'Kelly Chapel Road) | Upgrade and Realign Intersection | 1/22/2019 | TBD                | TBD        | Greg Davis (910)<br>944-2344 | TBD          | Right of Way in progress |

## As Pedestrian Deaths Spike, Scientists Scramble for Answers

[www.wired.com](http://www.wired.com) By Nick Stockton March 22, 2018

On Monday, the nascent self-driving vehicle sector reached an unfortunate milestone when, for the first time, a self-driving car killed a pedestrian in Tempe, Arizona. This also means robot drivers are becoming more like their human predecessors—who kill thousands of pedestrians every year.

And that number has risen dramatically in the past several years. In 2016, cars hit and killed nearly 6,000 pedestrians. That's a serious spike from the historic low—below 4,000—in 2009.

The Great Recession explains some of the fluctuation. When fewer people have jobs, they spend less time out and about, and their exposure to potential crashes drops. When times are good, the opposite happens. "Economic changes do give us a good idea of the general direction of traffic deaths," says [Richard Retting](#), the general manager of Sam Schwartz, a New York City-based traffic engineering firm. But the American economy's steady recovery can't account for the 50 percent climb in pedestrian fatalities in the space of a few years.

OK, how about other factors? Demographics matter. "We know that a 60-year-old person hit by a car is more likely to die than a 25-year-old," says [Laura Sandt](#), the director of the Pedestrian and Bicycle Information Center at the University of North Carolina. She says her team factors in things like time of day and the weather—both of which might influence visibility and behavioral choices, like whether or not a person might be drunk. Intoxicated drivers *and* pedestrians are more likely to be involved in fatal crashes.

Then there are design factors, like the speed limit. Faster cars are more likely to hit, and kill, slow, soft bodies. "In a lot of places where pedestrian crashes occur, the road isn't inherently safe for all modes of travel," says Sandt.

The federal Department of Transportation started tracking pedestrian traffic deaths in 1975, and the early numbers painted a stark picture. In 1979, the all-time high, cars killed more than 8,000 pedestrians. In the ensuing decades, activists have pushed those in power to make the streets safer, with policies like lower speed limits, more crosswalks, and stiffer punishments for drunk drivers.

"From the high in 1979 to 2009 we've cut the number in half, which is nothing short of remarkable," Retting says. And look, the decline wasn't steady. Economics has always maintained its tidal hold over the ebb and flow of pedestrian safety, and politicians seem perennially inclined toward infrastructure that favors cars. But the upward trend in pedestrian safety seemed inexorable.

That is, until 2010, when pedestrian fatalities jumped back up. And then kept climbing. "Something remarkable has happened to cause this other than the economy improving," Retting says. He says he has looked at every variable he can think of, but none explains numbers that he describes as "jumping off the graph." The US has experienced economic booms without such dramatic jumps in pedestrian deaths. And while more people are taking public transportation (and thus spending more time on foot), Retting has looked at data from numerous public transit agencies, and says those don't hold the answer either. "I'm not sitting here with a smile on my face saying this is some great research opportunity, either," he says. "I'd like to put out a report, but we just don't have enough data."

He suspects the spike in deaths may be coming from a factor outside his discipline's regular datasets: smartphone use. Between 2010 and 2016, the number of smartphones in the US [increased from 78 million to 262 million](#). In the same time period, annual wireless data use rose nearly 400 percent.

"We already know that distraction is a serious concern for both drivers and pedestrians," Retting says. "When people aren't seeing threats, it makes everyone more vulnerable." He doesn't have enough data to determine a causal relationship—only that there *is* a correlation between smartphone use and the uptick in pedestrian traffic deaths.

Car crash fatalities have risen recently too, but not as steeply as pedestrian deaths. This is most likely thanks to manufacturers designing safer cars that protect their occupants in crashes, along with advanced safety features like automatic emergency braking, which are stepping stones on the way to fully autonomous vehicles. (CONTINUED...)

Sandt agrees those macro level trends are compelling, and likens the uptick in phone use to a form of impairment, comparable to the way drinking or drugs affect the brain. (Incidentally, Retting's research shows that the eight states that have legalized recreational cannabis saw a 16.4 increase in pedestrian traffic deaths between 2016 and 2017.) But to provide policymakers with potential fixes, she says researchers need to know more. "Our problem is we don't have good data for fatal pedestrian crashes on mobile device use."

And that data is really hard to collect. Investigations can be hobbled by the fact that in many collisions between cars and pedestrians, the people inside the vehicle survive and the people outside do not. "There's only one side of the story being told, and the driver has a big motivation to not acknowledge any distraction," says Retting. Police can examine people's phones, but without knowing exactly when a crash occurred, down to the second, they can't sync it to call logs or browser activity. Also, about one fifth of all pedestrian traffic fatalities are from hit and run collisions. Besides tragic, that's a huge gap in data.

Many states recognize distracted driving as a problem—47 ban texting and driving; 15 don't allow drivers to use handheld cell phones whatsoever. Some have gone further. Honolulu now tickets pedestrians who stare at their phones while crossing the street. The small California town of Montclair does too. And places in Connecticut, New Jersey, and Canada are considering similar bills.

Great, fine, understandable, and totally fair to say people should pay attention to where they're going, but that doesn't mean it'll work. Laws like these assign the blame on drivers and pedestrians, when in many cases there's a shared responsibility that goes beyond the people left injured, traumatized, or dead.

"In addition to encouraging individuals to behave safely, those responsible for designing the vehicles and roadways need to work on making it easier for people to choose the safe behavior," Sandt says, "and to be sure that they are investing in infrastructure and creating policies that support safe walking."

That means more of the same tactics that have driven down deaths in the past: lowering speed limits, reworking infrastructure to make it easier and safer to cross the street, designing roads with everyone in mind. Because, even when the robot drivers arrive, they'll have to share the road with the humans.

### **Driving Dumb**

- You wanna stop distracted driving? [Make cars that watch humans](#)
- Why Mazda's newly patented driver assistance system could [make driving more fun](#)—and more safe
- It's not in your head: That red light camera's [timing may be off](#)

## **NCDOT Awards 2018 Bicycle and Pedestrian Planning Grants**

NCDOT News Releases March 21, 2018

Raleigh – Nine municipalities and one county from across the state will receive assistance with bicycle and pedestrian planning, thanks to grants awarded this month by the N.C. Department of Transportation.

Recipients were selected from a pool of 23 applications by an awards committee comprised of representatives from regional planning organizations and councils of government, local governments, health professionals and NCDOT staff from multiple units.

This year's recipients include:

- Archer Lodge (joint bicycle/pedestrian plan) (CONTINUED...)

- Beaufort County (bicycle plan)
- Carrboro (bicycle plan)
- Elkin (bicycle/pedestrian plan)
- Fayetteville (bicycle plan)
- Hudson (bicycle/pedestrian plan)
- Lowell (bicycle/pedestrian plan)
- Pittsboro (joint bicycle/pedestrian plan)
- Warrenton (joint bicycle/pedestrian plan)
- Wilson (pedestrian plan)

Plans funded are not for one specific project, but represent a comprehensive strategy for expanding bicycle and pedestrian opportunities within a given municipality. These plans address facilities, programs, services and regulations that encourage safe walking and bicycling. Now in its fifteenth year, the Bicycle and Pedestrian Planning Grant program has awarded over \$5 million for 193 community plans.

For more information on the Bicycle and Pedestrian Planning Grant Initiative, contact the [Division of Bicycle and Pedestrian Transportation](#) or visit the [Planning Grant Initiative website](#).

## **Where's the Durham-Orange light rail? Local officials buying land, hopeful for future**

The Herald-Sun By Tammy Grubb March 16, 2018

DURHAM – As Congress debates next year's federal budget, local officials learned Wednesday that GoTriangle now owns all the land needed for a light-rail operations and maintenance center in southeastern Durham.

The center will house a couple dozen trains, plus operators, mechanics and other staff, serving the 17.7-mile Durham-Orange light-rail system between UNC Hospitals in Chapel Hill and Duke and N.C. Central universities in Durham.

A dozen parcels make up the 25-acre Farrington Road site, whose neighbors have expressed concerns about noise and light pollution, potentially toxic chemicals that might be used to clean or service the trains, and about having an industrial operation in their residential neighborhood.

Transit officials counter that light-rail maintenance centers do not use hazardous materials or generate much noise and traffic.

Residents don't have to leave the site until 2019, said Matthew Clark, GoTriangle's government affairs manager. However, the city of Durham needs to annex and rezone the site this year so GoTriangle can meet Federal Transit Administration requirements, he said.

The regional transit agency bought some lots outright, transit planner Geoff Greene said, but six are being taken by eminent domain, which is allowed for public projects but requires settling on a fair price. Other landowners are willing to sell, Clark said, but GoTriangle's had to condemn those lots now while negotiating the price to meet the deadline for a federal grant agreement. (CONTINUED...)



"The FTA has bumped us up to September 2019, and that is great news, because it provides us some flexibility in terms of both finance and construction scheduling," Clark said. "But it's an aggressive schedule."

The light rail project will need both \$247 million in state and \$1.23 billion in federal funding to move forward. Durham and Orange counties will split the remaining \$988 million, plus roughly \$890 million in interest on short- and long-term debt.

Although federal funding has been in doubt since President Donald Trump took office, GoTriangle and local officials remain optimistic that there's enough support in Congress to protect current transit funding.

Trump's \$1.5 trillion infrastructure plan, released last month, limits the funding available for new projects, including transit, and caps each project's "incentive" at 20 percent of construction costs. That means projects would need more local, state and private money.

Orange County Commissioner Renee Price said Trump's infrastructure plan was discussed at a conference in Washington, D.C., last week, which included DJ Gribbin, special assistant to the president for infrastructure policy. Gribbin said the administration expects public-private partnerships to lead the way on big projects, like the light rail, Price said.

"He was addressing the board of directors [for] the National Association of Counties (NACo), saying expect about 14 percent and come to us and let us know how you are going to raise the rest of the money," she said.

Durham County Commissioner Ellen Reckhow interjected to say she also attended the conference but heard different information at a Transportation Steering Committee presentation.

Kevin Stone, NACo's associate legislative director for transportation and infrastructure, "said in no uncertain terms what they're hearing is that there's no appetite for changing the base (transit) programs right now," Reckhow said.

The Triangle's congressional delegation confirmed that support, Durham County Commissioners Chairwoman Wendy Jacobs said.

Transit funding is "at \$2.3 billion in the Senate budget and \$1.7 (billion) in the House, but people are thinking that it's going to be the Senate number, so the president may have put out a plan, but the key thing is it's Congress that approves what the funding is," Jacobs said. "And right now, there's very strong support for keeping these programs going, and that's the most important thing."



## Orange Grove Road Bridge Fencing

Photo courtesy of Heidi Perry