



## **DCHC MPO Board Meeting Agenda**

Wednesday, August 14, 2019

9:00 AM

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

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

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

**3. Adjustments to the Agenda****4. Public Comments****5. Directives to Staff**[19-100](#)

**Attachments:**      [2019-08-14 \(19-100\) MPO Board Directives to Staff.pdf](#)

**CONSENT AGENDA****6. June 12, 2019 Board Meeting Minutes**[19-162](#)

A copy of the June 12, 2019 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the June 12, 2019 Board Meeting

**Attachments:**      [2019-08-14 \(19-162\) 06.12.19 MPO Board Meeting Minutes\\_LPA2.pdf](#)

**7. May 29, 2019 Joint DCHC MPO-CAMPO Board Meeting Minutes**[19-163](#)

A copy of the May 29, 2019 Joint DCHC-CAMPO Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the May 29, 2019 Joint DCHC-CAMPO Board meeting.

**Attachments:**      [2019-08-14 \(19-163\) JOINT MPO Board MINUTES 05.29.19 FINAL.pdf](#)

**ACTION ITEMS**

**8. Durham County Transit Plan Update (10 mins)**[19-160](#)**Pat Young, Durham City-County Planning Department****Meg Scully, LPA Staff**

The Durham County Transit Plan directs the allocation of Durham County transit tax revenue. The Plan was updated in 2017; however, due to the discontinuation of the Durham-Orange Light Rail Transit project, an update is currently underway. This presentation will provide the status and next steps in that process.

**TC Action:** Received the Durham County Transit Plan Update presentation.

**Board Action:** Receive the Durham County Transit Plan Update presentation.

**Attachments:**[2019-08-14 \(19-160\) Durham County Transit Plan Presentation.pdf](#)**9. Amendment to the Orange County Transit Plan (5 mins)**[19-161](#)**Meg Scully, LPA Staff****Aaron Cain, LPA Staff**

The 2017 Orange County Transit Plan allocates \$6.1 million to the Chapel Hill North-South Bus Rapid Transit (NSBRT) Project. Chapel Hill Transit has requested an additional \$8 million in dedicated transit revenue be allocated to the project through an amendment to the 2017 Plan. This amendment is intended to provide the Town of Chapel Hill with evidence that fifty percent of the non-federal match is dedicated to the project through the Transit Plan. The DCHC MPO Board is one of three parties to the Orange County Transit Plan. The other two, including the Boards of the Orange County Commissioners and of GoTriangle, have already approved the amendment.

**TC Action:** Recommended the Board approve and sign the amendment to the Orange County Transit Plan.

**Board Action:** Approve and sign the amendment to the Orange County Transit Plan.

**Attachments:**[2019-08-14 \(19-161\) Orange Co Transit Plan Amendment NSBRT.pdf](#)

**10. Triangle Strategic Tolling Study - Final Report (20 minutes)**[19-158](#)**Andy Henry, LPA Staff**

The final report of the Triangle Strategic Tolling Study explores toll and express lanes for the region, identifies potential toll projects for inclusion in long-range plans and creates a framework for the MPO to discuss and evaluate toll projects. The final report is a compilation of the deliverables that have occurred as the project progressed. However, there is some additional material related to the issue of equity that will be of interest to the DCHC MPO. Section 4.5 “Equity Considerations” (page 34) identifies potential impacts on specific income, modal and geographic communities, and identifies managed lane projects in the U.S. that have implemented policies to mitigate the impacts. The Executive Summary has an equity section and the Tier 2 corridor evaluation measures impacts on low-income residents (page 50).

Staff and the consultant, WSP, have provided several presentations to the MPO Board as the project has progressed over the last two years. Most recently, the MPO Board received a presentation at the May 29th joint MPO Board meeting and the MPO’s June Board meeting.

The MPO’s Public Involvement Policy does not specify a minimum public comment period for studies. However, MPO practice has been to have a 30-day minimum comment period, conduct a public hearing at the Board meeting that follows the release, and approve at the Board meeting that follows the hearing. As such, staff recommends the following public input schedule for the Tolling Study:

- Board release final report - August 14
- Public comment period, August 14 through September 10
- Board conduct public hearing - September 11
- Board approve final report - October 9

A copy of the final report can be found at the following MPO Web page: [www.dchcmpo.org/programs/local/triangle\\_strategic\\_tolling\\_study.asp](http://www.dchcmpo.org/programs/local/triangle_strategic_tolling_study.asp).

The project Web site provides additional background information and toll related resources: [www.triangletollingstudy.com](http://www.triangletollingstudy.com)

**TC Action:** Recommend that the MPO Board release the Triangle Strategic Tolling Study final report for a minimum 30-day public comment period.

**Board Action:** Review Triangle Strategic Tolling Study final report and release it for a minimum 30-day public comment period.

**11. Amendment #14 to the FY2018-2027 TIP (5 minutes)**[19-164](#)**Aaron Cain, LPA Staff**

TIP Amendment #14 moves funding for three City of Durham CMAQ projects. FY19 funds from C-5605H, Downtown Durham Wayfinding, would be moved to C-5605E, Durham Bike Lanes, and C-5605I, Durham Bike Boulevards. The purpose for this movement of funds is cost overruns on all projects and the uncertainty that C-5605H will be able to obligate its funds by the September 30, 2019 rescission deadline. Additional funds would be programmed to C-5605H in FY20.

The programming of FY20 CMAQ funds to C-5605H will essentially exhaust the FY20 & FY21 DCHC CMAQ distribution, presuming the MPO wishes to continue funding the TJCOG Transit Demand Management (TDM) program. An attachment shows previously approved programming of FY20-21 DCHC CMAQ funds, including the proposed funds for C-5605H. Should this amendment be approved, no CMAQ funds would be available for new projects in FY20-21, nor would there be additional funding for currently programmed projects.

Also included in this TIP amendment are adjustments to schedules for GoTriangle bus purchases and several City of Durham bike/ped projects, as well as additional funding for several statewide projects.

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

**TC Action:** The TC unanimously recommended approval of Amendment #14 to the FY2018-2027 TIP.

**Board Action:** Approve Amendment #14 to the FY2018-2027 TIP.

**Attachments:**[2019-08-14 \(19-164\) TIP Amendment #14 Summary Sheet.pdf](#)[2019-08-14 \(19-164\) TIP Amendment #14 Future CMAQ Programming.pdf](#)[2019-08-14 \(19-164\) TIP Amendment #14 Resolution.pdf](#)

**12. SPOT 6 Update (10 minutes)**[19-123](#)**Aaron Cain, LPA Staff**

On July 25, 2019, MPO staff received the attached communication from NCDOT providing notification that the SPOT 6 process will be delayed and work towards the creation of a FY2023-2032 STIP, rather than the previously planned FY2022-2031. At this time, MPO staff does not have specific information on the timing of the various phases of the SPOT process. Staff will provide as much information as possible at the Board meeting.

Also attached is the updated project submittal list for SPOT 6. While no comments have been received by staff from Board members since the last Board meeting, there have been some adjustments based on conversations with local staff and the Research Triangle Foundation. An updated project submittal list is attached.

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

**Attachments:**      [2019-08-14 \(19-123\) Potential SPOT 6 Submittal List August 2019.pdf](#)  
                             [2019-08-14 \(19-123\) Notification of Delay of SPOT 6 Process.pdf](#)

**REPORTS:****13. Report from the Board Chair**[19-101](#)**Damon Seils, Board Chair**

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

**14. Report from the Technical Committee Chair**[19-102](#)**Nishith Trivedi, TC Chair**

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

**15. Report from LPA Staff**[19-103](#)**Felix Nwoko, LPA Manager**

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

**Attachments:**      [2019-08-14 \(19-103\) LPA staff report.pdf](#)

**16. NCDOT Report**[19-104](#)

Joey Hopkins (David Keilson/Richard Hancock), Division 5 - NCDOT

Mike Mills (Pat Wilson), Division 7 - NCDOT

Brandon Jones (Bryan Kluchar, Jen Britt), Division 8 - NCDOT

Julie Bogle, Transportation Planning Branch - NCDOT

John Grant, Traffic Operations - NCDOT

**Board Action:** Receive the reports from NCDOT.

Attachments:      [2019-08-14 \(19-104\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS****17. Recent News Articles and Updates**[19-105](#)

Attachments:      [2019-08-14 \(19-105\) news\\_articles.pdf](#)

**Adjourn**

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

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

## MPO Board Directives to Staff

01/11/17 – Present (Complete/Pending/In Progress)

Meeting Date	Directive	Status
1-11-17	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>Complete.</u> Draft completed January 29, 2017.
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>Complete.</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>Complete.</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>Complete.</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>Complete.</u> LPA staff presented at the November 8, 2017 Board meeting. Deputy Secretary Julie White presented at 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>Complete.</u> Chapel Hill Transit staff provided an update in February 2019. LPA staff will participate in ongoing discussions led by Chapel Hill Transit.
4-11-18	Request for staff to arrange a presentation on Managed Motorways to inform new Board members of the concept and provide an update on efforts to incorporate these projects in the Triangle region.	<u>Complete.</u> Will Letchworth from WSP made a presentation on Managed Motorways at the May 9, 2018 MPO Board meeting.



Meeting Date	Directive	Status
8-12-18	Request for staff to develop a strategy to ensure that CMAQ and TAP-DA funds are assigned to projects that can obligate the funds before the federal rescission deadline of September 30, 2019.	<u>Complete.</u> The MPO Board approved reprogramming of CMAQ and TAP-DA funds at its October meeting.
10-10-18	Request for Division 5 to provide staff to present an update on the US 70 improvement project.	<u>Complete.</u> Elmo Vance of NCDOT, Drew Joyner of AECOM, and Mark Pierce of RKK will present at the December Board meeting.
11-14-18	Delay adoption of the NC 54 West Corridor Study in order to address concerns raised by the Board.	<u>Complete.</u> An update on Phase 2 of the NC 54 West Corridor study will be presented to the Board in April 2019.
12-12-18	Work with NCDOT and MPO Technical Committee to address policies and procedures for maintenance of roundabouts.	<u>Underway.</u> LPA staff presented policy issues in April 2019. LPA staff is investigating potential solutions for three particular roundabouts, per the Board's direction, and plans to report back in September 2019.
1-16-19	Present a resolution to the MPO Board regarding community concerns of proposed redesign of the I-40/NC 86 interchange.	<u>Complete.</u> LPA staff will bring a resolution to the Board for its consideration in February 2019.
2-27-19	Provide an update on the East Durham Siding and Grade Separation Project.	<u>Complete.</u> NCDOT Rail Division staff updated the Board in May 2019.

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION BOARD****12 June 2019****MINUTES OF MEETING**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on June 12, 2019, at 9:00 a.m. in the 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
Ellen Reckhow (Member)	GoTriangle
Michael Parker (Member)	Town of Chapel Hill
Karen Howard (Member)	Chatham County
Renee Price (Member)	Orange County
Jenn Weaver (Member)	Town of Hillsborough
Vernetta Alston (Member)	City of Durham
Charlie Reece (Member)	City of Durham
Nina Szlosberg-Landis (Member)	NC Board of Transportation
Heidi Carter (Alternate)	Durham County
Lydia Lavelle (Alternate)	Town of Carrboro
Pam Hemminger (Alternate)	Town of Chapel Hill
Mark Bell (Alternate)	Town of Hillsborough
Mike Fox (Alternate)	NC Board of Transportation
Richard Hancock	NCDOT, Division 5
Bryan Kluchar	NCDOT, Division 8
Julie Bogle	NCDOT, Transportation Planning Division
Tasha Johnson	City of Durham-PW
Nishith Trivedi	Orange County
Tina Moon	Town of Carrboro
Zach Hallock	Town of Carrboro
Bergen Watterson	Town of Chapel Hill
Bill Judge	City of Durham/DCHC MPO
Felix Nwoko	DCHC MPO
John Hodges-Copple	Triangle J Council of Government
Meg Scully	DCHC MPO
Andy Henry	DCHC MPO
Aaron Cain	DCHC MPO
Brian Rhodes	DCHC MPO
Robert Jahn	DCHC MPO
Ellen Beckmann	City of Durham Transportation
Evan Tenenbaum	City of Durham
Scott Whiteman	Durham County
Jomar Pastroelle	Town of Chapel Hill

Lynn Purnell	WSP USA
Julian Griffie	BGMPO
Liz Switzer	QCA

Quorum Count: 10 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.

Heidi Carter made a motion to excuse Vice Chair Wendy Jacobs early from the DCHC MPO Board Meeting. Ellen Reckhow 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 the MPO Board Members.

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

There was an Action Item added for the Chapel Hill North South Bus Rapid Transit Project as Item 16a.

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

There were no comments from the public on any subject that was not on the agenda.

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

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

**CONSENT AGENDA:**

**6. May 8, 2019 MPO Board Meeting Minutes**

There was no discussion about this item.

**7. Authorize Durham City Manager on behalf of DCHC MPO to enter into Agreement with the Town of Chapel Hill for the Allocation, Disbursement and Accounting of the Federal Transit Administration (FTA) Section 5303 Metropolitan Transportation Planning Funds**

Meg Scully, LPA Staff

There was no discussion about this item.

**8. Update of the DCHC MPO Grant Administration and Fiscal Program Management Procedure Manual**  
Meg Scully, LPA Staff

Ellen Reckhow made a motion to approve the Consent Agenda. Michael Parker seconded the motion. The motion passed unanimously.

**ACTION ITEMS:**

**9. Update of the Coordinated Public Transit-Human Services Transportation Plan**

Meg Scully, LPA Staff

Robert Jahn, LPA Intern

Meg Scully stated that DCHC MPO is the Designated Recipient for federal funding through the Section 5310 - Enhanced Mobility of Seniors and Individuals with Disabilities Program, and federal transit law requires that projects funded through this program be derived from a locally developed, coordinated public transit-human services transportation plan (CTP). Meg Scully stated that the Technical Committee (TC) has reviewed the CTP, and the MPO Board released the draft report for public comment. Chair Damon Seils opened the public hearing, and with there being no comment from the public, he closed the public hearing.

Renee Price made a motion to approve the 2019 Update of the Coordinated Public Transit-Human Services Transportation Plan. Ellen Reckhow seconded the motion. The motion passed unanimously.

**10. Update on the DCHC MPO Federal Certification Review**

Meg Scully, LPA Staff

Meg Scully stated that The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) are required to jointly review the Metropolitan Transportation Planning process for the DCHC MPO at least every four years. Meg Scully stated that quadrennial review is to ensure that the DCHC MPO is following federal policies, regulations, and procedures in developing the transportation planning process. Meg Scully added that federal agencies conducted the DCHC MPO on-site review on May 20, 2019, and will present their official report to the MPO Board later this year, however, federal officials made mention that they are pleased with the quality and quantity of our work product and DCHC MPO passed the Federal Certification Review process. Renee Price and Meg Scully discussed that the federal officials were pleased with the amount of public involvement, however, there were no public participation during the review process, which was not atypical.

No action is necessary at this time. This item is for informational purposes only.

**11. Triangle Strategic Tolling Study**

**Andy Henry, LPA Staff**

**Lynn Purnell, WSP**

Lynn Purnell stated that the purpose of the Triangle Strategic Tolling Study was to evaluate the regional transportation network and to examine if toll lanes would benefit the Triangle region. Lynn Purnell discussed that the Tolling Study included meeting with regional partners and stakeholders. Lynn Purnell explained the difference between toll roads and express toll lanes. Lynn Purnell stated the Tolling Study used the Triangle Regional Model and used projected 2045 vehicle volumes, and the Tolling Study also focused on evening peak hours. Lynn Purnell discussed future meetings with regional transportation partners. Lynn Purnell also stated that a subcontractor was used for toll modeling for the Tolling Study. Lynn Purnell discussed that the seven factors investigated were; projected revenue, travel time savings, trip dependability, transit supportiveness, the number of transit routes, access to jobs, and economic justice.

128 Ellen Reckhow and Lynn Purnell discussed the methodology used in examining economic  
129 impact. Lynn Purnell added that only work trips were used in assessing economic justice impact.  
130 Michael Parker and Lynn Purnell also discussed what alternatives there might be for residents who  
131 cannot afford tolling costs. Vice Chair Wendy Jacobs asked what other regions were doing to address  
132 equity. Lynn Purnell responded that the information will be in the Tolling Study report.

133 Lynn Purnell stated that there are three corridors within the DCHC MPO region: I-40 between  
134 NC 54 and NC 147; US 70; and NC 147. Michael Parker and Lynn Purnell discussed the efficacy of  
135 tolling and transit with respect to lowering travel times. North Carolina Board of Transportation  
136 (NCBOT) Chairman Mike Fox commented that the DCHC MPO will be able to evaluate each project  
137 within each corridor on its own merits. Lynn Purnell added that many urban areas regard tolling as a  
138 congestion management tool. NCBOT Mike Fox added that toll lanes are often a means to provide  
139 funding to projects in a more expedited manner.

140 Jenn Weaver and Lynn Purnell discussed that tolling lanes would be added to any existing  
141 corridors, and lanes would not be removed. Pam Hemminger asked if there was evidence that van  
142 pooling increased as a result of adding tolling. Lynn Purnell responded that there was no evidence of  
143 such an increase, however, many express lanes were at one time High Occupancy Vehicle (HOV)  
144 lanes. Lydia Lavelle asked if adding additional lanes would displace residents. Lynn Purnell responded  
145 that it would depend on the specific corridor. Lynn Purnell and Vice Chair Wendy Jacobs discussed  
146 the reasoning of corridors using the constrained model. Lynn Purnell and Vice Chair Wendy Jacobs  
147 further discussed the safety issues and geometric concerns as they relate to the constrained model.  
148 Andy Henry stated that there are one-page fact sheets on all of the ten corridors in the Tolling Study  
149 on the MPO webpage.

150 No action is necessary at this time. This item is for informational purposes only.

151 **12. Discussion of Joint Board Meeting**  
152 **Damon Seils, Chair**

Chair Damon Seils thanked NCBOT Chairman Mike Fox and all DCHC MPO Board Members who were able to attend the Joint MPO Board Meeting. Chair Damon Seils and NCBOT Chairman Mike Fox discussed the importance of regional partnerships for transportation improvements in the Triangle area. NCBOT Chairman Mike Fox highlighted three issues that were discussed at the Joint Meeting: federal rescission of Transportation Alternative Program Direct Attributable (TAPDA) and Congestion Mitigation and Air Quality (CMAQ) funds; the North-South Bus Rapid Transit (NS BRT); and the Triangle Trails Initiative and the Triangle Bikeway. Ellen Reckhow and NCBOT Chairman Mike Fox discussed Sign Hutchinson's involvement in both bike-ped projects.

No action is necessary at this time. This item is for informational purposes only.

**13. Update on Potential Rescission of CMAQ and TAP-DA Funds**  
**Aaron Cain, LPA Staff**

Aaron Cain stated that the two primary sources of funding that are eligible for federal rescission are TAPDA and CMAQ funding, which total approximately \$75,000 in unobligated funds. Aaron Cain added that there is a narrow process for authorizing TAPDA through federal legislation, therefore, projects that already have TAPDA funding are more desirable for reprogramming of TAPDA funds. Aaron Cain continued that the Morgan Creek Greenway project is eligible for TAPDA and has already begun the bidding process. Aaron Cain stated that there are four projects for CMAQ funding that MPO staff and local jurisdictions are working together to have funding obligated by the September 30 deadline.

There was discussion about the process of rescission. Aaron Cain and Chair Damon Seils discussed that the funding for eligible projects will not disappear, however, funding in subsequent Fiscal Years may diminish as a result. Vice Chair Wendy Jacobs and NCBOT Chairman Mike Fox discussed the need for communication with NCDOT Division staff will be necessary for further clarification of rules and regulations. Ellen Beckmann noted that NCDOT reviews of CMAQ funding projects sometimes get lower review scores for removing car lanes while adding Bike-Ped options.

Aaron Cain stated that projects are currently being considered for inclusion in the SPOT 6 submittal list by MPO staff.

There was discussion about NCDOT putting on hold indefinitely a number of projects due to insufficient funding in the North Carolina Transportation reserve fund. NCBOT Chairman Mike Fox explained that, due to unforeseen events such as two hurricanes and settlement from MAP Act litigation, the relatively low balance in the North Carolina State reserve fund is has prevented new projects to be funding until the situation is resolved. NCBOT Chairman Mike Fox continued that there are currently plans to increase the reserve funding. Nina Schlosberg-Landis stated that a final decision about what projects will and will not be funded has not yet been concluded. NCBOT Chairman Mike Fox added that if a project is let and under construction then it will proceed as planned. Chair Damon Seils stated he will send information regarding the Estes Drive Extension North Greensboro Street Roundabout project in Carrboro, which has been put on hold, to Aaron Cain and Felix Nwoko.

No action is necessary at this time. This item is for informational purposes only.

**14. SPOT 6 Update and Initial Project List Review**  
**Aaron Cain, LPA Staff**

Aaron Cain stated that the funding that goes through the SPOT process is divided as follows: 40% for Statewide Mobility projects; 30% for Regional Impact Projects; and 30% for Division Needs projects. There was discussion about how projects are classified in these three areas. Aaron Cain added the DCHC MPO is comprised of three Divisions: 5, 7 and 8; and three Regions; C, D and E. Aaron Cain described the differences between Regional and Division projects.

Aaron Cain described the proposed rules changes from North Carolina Board of Transportation. Aaron Cain described that one of the proposed changes would be to increase the window for committed projects from five to six years. Aaron Cain stated that more projects would be committed, but less funding will be available for distribution for new projects. Aaron Cain added that



another proposed change would be the ability to flex up to 500 points between Regional and Division projects, which each receive 1,800 points. Aaron Cain added that there are no proposed changes to the transit funding or the rail funding formulas.

Aaron Cain and Ellen Reckhow discussed the most efficient ways to increase bicycle safety on rural roads would be to submit projects as modernization projects to increase the shoulder width. Aaron Cain stated that another proposed change would be to have competition for non-highway projects solely within the Division at the Division Needs level. There was discussion about funding projects in urban versus rural areas. NCBOT Chairman Mike Fox discussed that historically rural areas did not receive an equal apportionment of funding as more urban areas. Nina Szlosberg-Landis suggested that Board Members send her and NCBOT Chairman Mike Fox concerns and questions. Nina Szlosberg-Landis proposed that the DCHC MPO begin a policy change for a larger apportionment of non-highway funding. Chair Damon Seils and Nina-Szlosberg Landis discussed contacting other MPOs with similar interests for support.

Aaron Cain stated that the SPOT submittals are now due in December 2019 instead of September. Aaron Cain asked that DCHC Board Members review the proposed project submittal list and provide comments as well as additional requested projects. Chair Damon Seils and Aaron Cain discussed that DCHC MPO Board Members also consult their staff from their respective local jurisdictions. Vice Chair Wendy Jacobs asked how the discontinuation of the D-O LRT will impact the proposed project list. Aaron Cain responded that there are several transit projects that are placeholders, which will be discussed the NCDOT staff in the upcoming months. Aaron Cain added that the local Divisions also have several available submittal slots that were offered to DCHC MPO. Aaron Cain stated that the next round of discussion will occur for the SPOT 6 submittal list at an upcoming MPO Board meeting.

Vice Chair Wendy Jacobs and Aaron Cain discussed that a formal conversation by MPO staff to create policy for multiuse path preference. There was further discussion about the naming of multiuse paths.

No action is necessary at this time. This item is for informational purposes only.

**15. Resolution to Request Delay to U-5774 (NC 54)**

**Aaron Cain, LPA Staff**

Aaron Cain stated that Staff from NCDOT, DCHC MPO, the Town of Chapel Hill, the City of Durham, and GoTriangle met to discuss the possibility of including high capacity transit options in the NC 54 corridor from Fordham Boulevard in Chapel Hill to I-40 in Durham due to the discontinuation of the Durham-Orange Light Rail Transit (D-O LRT) project. State Transportation Improvement Plan (STIP) project U-5774 (sections B, C, and F) will provide improvements to NC 54 in this corridor and is currently in the conceptual design and National Environmental Policy Act (NEPA) phases. It may be possible to design high capacity transit options in this corridor and have the construction of those improvements coincide with the planned road improvements. In order to investigate this option, NCDOT Division 5 asked for a formal request from the DCHC MPO Board to delay U-5774.

MPO Staff will work with staff from GoTriangle, Chapel Hill Transit, GoDurham, NCDOT, the University of North Carolina at Chapel Hill, and others to identify possible high capacity transit options in this corridor with the goal of submitting at least one transit project for this corridor to SPOT 6. Project concepts will need to be devised by the end of October in order to be released for public comment with the list of all projects from DCHC MPO for SPOT 6.

Ellen Reckhow made a motion to approve the resolution requesting a delay for U-5774.

Michael Parker seconded the motion. The motion passed unanimously.

**16. Amendment #13 to the FY2018-2027 TIP**

**Aaron Cain, LPA Staff**

Aaron Cain stated that Amendment #13 to the FY2018-2027 Transportation Improvement Plan (TIP) consists of a request from the City of Durham to add funding to four bike-ped projects: Aaron Cain added that two of the projects cost over \$1M, and per MPO policy, the projects were required to enter a 21-day public policy period. Aaron Cain added that the Amendment #13 was released for a 21-day public comment period on May 15, 2019. No public comments were received.

Ellen Reckhow made a motion to approve Amendment #13 to the FY2018-2027 TIP. Charlie Reece seconded the motion. The motion passed unanimously.

**16a. Chapel Hill North South Bus Rapid Transit Project**

**Aaron Cain, LPA Staff**

**Matt Cecil, Chapel Hill Transit**

Aaron Cain stated that Chapel Hill Transit is requesting \$8M for the NS BRT in addition to the \$6.1M already in the Transit Plan, which is considered a material change, therefore it must be adopted by the Board of County Commissioners, the GoTriangle Board of Trustees, and the DCHC MPO. Aaron Cain. Matt Cecil stated that Chapel Hill Transit received guidance from the FTA to apply for a rating from the Small Starts Program by September 1, 2019, in order to demonstrate that 50% of the local funding match has been obtained. Matt Cecil continued that the NS BRT is planned to be submitted in SPOT 6, however, that will not meet the Small Starts deadline. Aaron Cain added that if the SPOT 6 funding is successful, then the full \$14M would not be needed.

There was no action required. This item will return to the DCHC MPO Board at their meeting on August 14, 2019.

**REPORTS:**

**17. Report from the MPO Board Chair**

**Damon Seils, Board Chair**

Chair Damon Seils stated that there was no report from the MPO Board Chair.

**18. Report from the Technical Committee Chair**

**Nish Trivedi, TC Chair**

Nish Trivedi stated that there was no report from the Technical Committee Chair.

**19. Report from LPA Staff**

**Felix Nwoko, Andy Henry, LPA Staff**

Aaron Cain stated that the GoTriangle Alternate has not been designated by the MPO Board, but Mark Marcoplos might assume that role. Aaron Cain reminded the MPO Board that scooters will be available for residents on June 13. Aaron Cain added that the Chapel Hill Avenue Bike-Ped project is scheduled to conclude soon, and the Durham Avenue bike-ped project is scheduled to begin in fall of 2019. Aaron Cain stated that there will not be a MPO Board Meeting in July, and the next MPO Board meeting will occur on August 14.

**18. NCDOT Report**

Richard Hancock, Division 5, reported that work is ongoing for the East End Connector on the Durham Freeway, and traffic is scheduled to be shifted by the end of June 2019. Richard Hancock added that an eastbound traffic shift on NC 147 is pending. Richard Hancock stated that there is an investigation by the regional Traffic Officer of the fatality on 751, per policy requirements. Ellen Reckhow added that there are many near accidents along that roadway. Charlie Reece thanked Richard Hancock for reducing the speed limit on Hebron Road.

There was no additional report from Division 7.

Bryan Kluchar, Division 8, stated that construction for the bridge has been initiated on Jeremiah Drive over Jordan Lake.

Julie Bogle, Transportation Planning Branch, stated that there is no additional report.

**INFORMATIONAL ITEMS:**

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

Recent News, Articles and Updates are located in the agenda packet.

**ADJOURNMENT:**

300           There being no further business before the DCHC MPO Board, the meeting was adjourned at  
301   10:56 a.m.

1                   **JOINT DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION &**

2                   **CAPITAL AREA METROPOLITAN PLANNING ORANIZATION BOARD**

3                   **29 May 2019**

4                   **MINUTES OF MEETING**

5                   **1. Welcome & Introductions**

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11   **The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on May 29, 2019,**  
12   **at 9:00 a.m. at the Research Triangle Park Headquarters committee room.**

13  
14           Sig Hutchinson and Damon Seils welcomed everyone to the Joint DCHC MPO and CAMPO  
15   Meeting. Members, Alternates, and partners of the DCHC MPO and CAMPO made introductions as  
16   they went around the table.

17                   **2. Host Welcome**

18   **RTP Host Welcome**

19   **Scott Levitan, Research Triangle Foundation**

20           Scott Levitan stated that Durham County recommitted to a \$20M infrastructure grant to  
21   support the Research Triangle Park (RTP) Hub project. Scott Levitan stated that we have untapped  
22   taxing authority that can be applied to mobility projects, and CAMPO will be an important partner with  
23   companies in order to support Bus Rapid Transit (BRT) in the Triangle region. Scott Levitan also stated  
24   that GoTriangle has negotiated a contracted with Uber and Lyft to provide intra-park service within  
25   RTP. Scott Levitan promoted Box Yard and the Frontier.

26                   **3. Comments From the Public**

27           Ed Harrison discussed how transportation has changed over the past few decades in the Triangle  
28   Region. Ed Harrison stated that transit options, especially BRT, are a very important form of  
29   transportation within the Triangle region.

30                   **4. Transit Investment Discussion**

**Fixed Guideway Investment Updates**

**i. Wake County BRT**

**Mila Vega, City of Raleigh**

Mila Vega presented information pertaining to the Bus Rapid Transit (BRT) portion of the Wake County Transit Plan, which will be effective until 2027. Mila Vega stated that there are three main categories for projects; bus service expansion, Commuter Rail Transit (CRT), and BRT. Mila Vega continued that there are four main projects under consideration along north, east, west, and south corridors. Mila Vega stated that a Major Investment Study (MIS) was conducted. Mila Vega stated that a Small Starts Project Development (PD) application was submitted for the eastern BRT portion, and is awaiting a response from the Federal Transportation Administration (FTA), which will likely occur in June 2019. Mila Vega also stated that a September Strategic Planning Office of Transportation (SPOT) 6 rating application is being prepared. Mila Vega also stated a Transit Signal Priority (TSP) grant for the BRT was received. Mila Vega stated that the Small Starts Grant was applied for using a 49/51 split, of which the latter percentage would be local funding. Mila Vega stated that there will be a public meeting on June 6 at the Convention Center and a BRT open house on June 25 from 4-7 p.m. at the Market Street Baptist Church.

Mila Vega and Wendy Jacobs discussed the structure of public involvement meetings. Mila Vega stated that additional BRT information can be found at [Raleigh.gov/brt](http://Raleigh.gov/brt). North Carolina Board of Transportation (NCBOT) Chairman Mike Fox, Mila Vega, and David Eagman discussed the possibility of having an alternative plan if the BRT proposal does not receive federal funding.

**ii. Chapel Hill BRT**

**Matt Cecil, Town of Chapel Hill**

Matt Cecil presented information regarding the North-South Bus Rapid Transit (NS BRT) in Chapel Hill. Matt Cecil stated that an 8.2 mile corridor is being proposed to run along the 'spine' of Chapel Hill that is scalable and can be built upon in future years. Matt Cecil described the current bus transit system within Chapel Hill. Matt Cecil described the process of partner involvement for the NS

BRT. Matt Cecil stated that the NS BRT is part of the Small Starts program administered by the FTA. Matt Cecil described that the NS BRT would travel within Chapel Hill, including lane designations. Matt Cecil added that a multiuse path is proposed along both sides of the NS BRT corridor. Matt Cecil stated that the 30% designs are scheduled to be completed by late summer 2019. Matt Cecil continued that the NS BRT is scheduled to be rated by the FTA in September 2019. Matt Cecil stated that NS BRT is scheduled to be open for revenue service in 2023. Matt Cecil stated that \$6.1M of the non-federal funds have been committed through the Orange County Transit Plan, but \$8M in additional funding is being requested. Matt Cecil continued that \$25M of funding is being requested through the SPOT 6.0 process as well. Matt Cecil added that the funding model consists of an 80/20 split with the federal government, indicating that the federal government would provide \$112M of funding for the NS BRT.

**iii. NCRR Corridor Passenger Rail**

**Jeff Mann, GoTriangle**

Jeff Mann presented information on the planning process for the Commuter Rail Transit (CRT) along the North Carolina Railroad (NCRR) corridor that would connect Raleigh to Durham. Jeff Mann stated that the CRT project is planned to go into Project Development (PD) by the end of 2019. Jeff Mann stated that the MIS has engaged regional partners and stakeholders. Jeff Mann added that a kickoff meeting occurred on May 10. Jeff Mann discussed the location of CRT stations and the frequency of service. Jeff Mann stated that part of the MIS was to investigate extending service to Johnston, Orange, and Alamance counties. Jeff Mann stated that the Triangle Regional model was a tool in order to calculate ridership and revenue. Jeff Mann stated that the MIS also evaluated capital improvements so that Amtrak and Norfolk Southern routes and services would not be impeded, and that a capital cost estimate is currently being updated. Jeff Mann and NCBOT Chairman Mike fox discussed that the anticipated organization that would run the CRT would be GoTriangle. Jeff Mann and Damon Seils discussed the importance of cooperation and agreement with key regional stakeholders and partners in a timely manner.



**County Transit Plans Discussion**

**i. Wake Transit Vision Plan (Wake County Transit Plan)**

**Brett Martin, CAMPO**

Brett Martin stated that the Wake County Transit Plan was adopted by CAMPO, Wake County and GoTriangle in 2016. Brett Martin added that there is a committee comprised of representatives throughout Wake County that are reviewing and commenting on the scope of the Wake County Transit Plan. Brett Martin stated that one of the outcomes of this review process would be to align the Wake County Transit Plan with the 2050 Metropolitan Transit Plan (MTP). Brett Martin referenced the BRT and the CRT investments and developments. Brett Martin added that the MTP development is going to kick off in FY2020, and the MTP process itself will last 18 months. Brett Martin stated that the Wake County Transit Plan will go to the GoTriangle Board of Trustees and the CAMPO Executive Board in June 2019. Brett Martin stated that approximately \$160M of revenue has been accumulated from the transit tax. Brett Martin stated that changes to the current transit system include: improvement of GoRaleigh services to Garner; GoCary operating the Holly Springs Express; GoWake Access is expanding service for the elderly and disabled; and GoTriangle replacing Route 300.

**ii. Durham County Transit Plan**

**Drew Cummings, Durham County**

Drew Cummings stated that the key six (6) elements of the Durham County Transit Plan are: (1) county leaders believe that they should have significant input in the expenditure of the county-wide half-cent sales tax; (2) county leaders believe that there are county-level interests that are distinct from urban interests; (3) recognition that numerous decision-makers present challenges to delivering efficient, coherent transit policy and projects within and across county lines; (4) a new plan to simplify and clarify processes rather than adding complexity; (5) a new plan and planned development process to reflect more and better public input; and (6) a new plan and development process reflect as strength-based approach where each partner agency contributes most based on its particular strengths.

**iii. Orange County Transit Plan**

**Travis Myren, Orange County**

**Aaron Cain, DCHC MPO**

Aaron Cain stated that, following the discontinuation of the D-O LRT, the DCHC MPO would be facilitating projects between Durham and Orange counties. Aaron Cain continued that the Joint Durham-Orange Staff Working Group (SWG) made a FY19-20 Work Plan in May 2019. Aaron Cain stated that the SWG plans to make recommendations on whether the Work Plan will go to the GoTriangle Board of Trustees for adoption. Aaron Cain mentioned the new Alamance-Hillsborough connector and the Cedar Grove to Durham Express Route.

**5. Key Regional Efforts – “Lightning Round” Status & Engagement**

**i. Regional Tolling**

**Andy Henry, DCHC MPO**

Andy Henry stated that the objective of the Regional Tolling Study was to identify projects to add to the 2050 Metropolitan Transportation Plan. Andy Henry stated that the Regional Tolling Study reviewed ten corridors in the Triangle region, and I-40 comprises three corridors out of the ten total corridors. Andy Henry explained that each corridor was measured by: projected revenue; travel time savings; trip dependability; transit supportiveness; number of transit routes; impact on low income resident; and access to jobs. Andy Henry added that each of the ten corridors have their own fact sheet. Andy Henry stated that presentations have been given to DCHC MPO Board and the CAMPO Board as well as the North Carolina Turnpike Authority. Andy Henry continued that presentations are planned for WakeUp Wake County, the Regional Transportation Alliance, and the Board of Transportation local division offices. Andy Henry stated that more information can be gathered at [triangle tolling study.com](http://triangle tolling study.com).

Ellen Reckhow and Andy Henry discussed High Occupancy Vehicle (HOV) lanes. Andy Henry and Wendy Jacobs discussed proposed funding. Andy Henry added that any corridors using tolling would first need to be added to the Long Range Plan and then go through the SPOT process.

**ii. Regional Intelligent Transportation Systems**

**Cheryl Lawrence, NCDOT**

Cheryl Evans stated that the objectives of the Intelligent Transportation Systems (ITS) Strategic Plan were: to update the 2010 architecture; assess the needs, gaps and opportunities of the region; and to meet federal requirements. Cheryl Evans added that the final workshop will be conducted on 30 May 2019, and the ITS Strategic Plan will be completed by the end of June. Cheryl Evans stated that ITS provides effective, innovative and seamless integrative services to enhance safety, mobility, reliability, and interoperability through ITS solutions. Cheryl Evans mentioned some of the needs, gaps, and strategies to fill the gaps, which were all discussed over the course of the ITS Strategic Plan.

**ii. Triangle Trails Initiative & Triangle Bikeway****Kenneth Withrow, CAMPO****Sig Hutchinson, CAMPO**

Kenneth Withrow stated that the Triangle J Council of Governments (TJCOG), CAMPO, and DCHC MPO all received grants from the Safe Routes to School. Kenneth Withrow stated that DCHC MPO and CAMPO participated in the non-motorized volume data program. Kenneth Withrow stated that an idea for a regional bike app occurred at the Triangle Bicycle Pedestrian workshop on March 29. Kenneth Withrow added that there will be a cross Triangle Greenway bicycle outing on June 8 and encouraged participation. Kenneth Withrow stated that the Bike Summit on October 19 and 20 produced an idea of having cross connectivity through the heart of the Triangle region and it be incorporated into the Unified Planning Work Programs (UPWP).

Sig Hutchinson stated that the Triangle Bikeway Initiative is a joint effort with CAMPO and DCHC MPO and will begin in 2020. Sig Hutchinson added that its goal is to connect Wake and Durham counties, which will ultimately connect to Orange County. Sig Hutchinson explained that the Triangle Trails Initiative is to promote the Regional Greenway System with the assistance of Chuck Flink. Ellen Reckhow recommended that John-Hodges Copple be involved due to his work with the Durham-Wake

Work Group. Sig Hutchinson added that the East Coast Greenway is an initiative that runs from Maine to Miami, of which 70 miles are located within the Triangle region.

## **6. Federal Transportation Issues**

### **i. Federal Funding**

#### **Leigh Wing, NCDOT DOT STIP Unit**

Leigh Wing stated that there are three ways to lose federal funding; funds that have lapsed, federal rescission, and not maximizing the August redistribution. Leigh Wing stated that funds are lost if they are not obligated within four years of receiving them from the federal government. Leigh Wing explained that Congestion Mitigation and Air Quality Improvement Program (CMAQ), Transportation Alternatives Program (TAP), and Transportation Alternatives Program Direct Attributable (TAP-DA) are subject to rescission, whereas Surface Transportation Block Grants (STBG) and Surface Transportation Block Grants Direct Attributable (STBG-DA) are not subject to rescission. Leigh Wing stated that TAP funds can be used for Americans with Disabilities Act (ADA) facilities.

Leigh Wing stated that it was estimated that North Carolina could lose approximately \$135M in unobligated funds through federal rescission. Leigh Wing stated that there will be less funding lost in federal rescission if more funding is obligated by the end of FFY19. Leigh Wing stated that the biggest challenge is obligating TAP, TAP-DA, and CMAQ projects. Leigh Wing stated that NCDOT STIP (State Transportation Improvement Program) Unit has been encouraging the MPOs throughout the state to program eligible TAP-DA and CMAQ projects in earlier calls for projects. Leigh Wing stated that programming the projects is required, but they must be obligated in order to avoid federal rescission. Leigh Wing recommended to use less flexible funds first, specifically TAP and TAPDA. Leigh Wing explained that North Carolina receives approximately \$1.1B in federal funding for apportionment. Leigh Wing explained the process of Obligation Authority (OA) and a 'fund swap.' Leigh Wing and Damon Seils discussed the discretion of the NCDOT STIP Unit has in choosing projects for the 'fund swap.'

### **ii. Federal Rescission**

**Gretchen Vetter, CAMPO.**

Gretchen Vetter explained CAMPO's strategies for avoiding a federal rescission of funding. Gretchen Vetter stated that CAMPO has been working with the Technical Committee (TC), Executive Board, CAMPO Local Projects Manager, NCDOT partners and Federal Highway Administration (FHWA). Gretchen Vetter explained that CAMPO has reviewed the locally administered projects programs, and noted projects that will be able to reach their funding deadlines and obligate within FFY19. Gretchen Vetter added that shovel-ready projects are also chosen and submitted to the local Executive Board for decisions on funding authorization. There was discussion about if funds in the FTA fund balance, but not in an active grant, are still eligible for federal rescission. Gretchen Vetter and NCBOT Chairman Mike Fox discussed Title 23. Mike Fox mentioned that North Carolina has previously leveraged as much as approximately \$160M in redistribution.

**7. Updates from Strategic Partners**

**i. GoTriangle**

**Jeff Mann, GoTriangle**

Jeff Mann stated that, due to the discontinuation in the D-O LRT, the Orange County and Durham County Transit Plans will need to be updated, and thanked local partners for their support. Jeff Mann also discussed project designs and routes for the Durham-Wake CRT project.

**ii. NCDOT Division 5**

**Joey Hopkins, NCDOT Division 5**

Joey Hopkins stated that CAMPO has approximately \$1.5B in active construction projects, and thanked local partners who helped support the projects with the public. Joey Hopkins stated his support of the BRT projects in development. Joey Hopkins stated that the East End Connector in Durham County is projected to be finished in early 2020. Joey Hopkins stated that, due to the discontinuation of the D-O LRT, alternative plans for NC 54, US 15-501, and the Durham Freeway are planned to be discussed with the public.

206 **iii. NC Board of Transportation**

207 **Mike Fox, Chair of the North Carolina Board of Transportation**

208 NCBOT Chairman Mike Fox stated that the Joint DCHC MPO and CAMPO meeting is a positive  
209 step for transportation within the Triangle region.

210 **iv. Regional Transportation Alliance**

211 **Joe Milazzo, Regional Transportation Alliance**

212 Joe Milazzo stated that partnership within the region has continued to help with transportation  
213 throughout the Triangle region. Joe Milazzo mentioned the NC First Commission that NCDOT Secretary  
214 James Trogon advised. Joe Milazzo also invited participation in the tour to Richmond, VA, and  
215 northern VA, and mentioned registration instructions are found at [letsgetmoving.org/tour](http://letsgetmoving.org/tour).

216 **8. Other Business**

217 Sig Hutchinson thanked staff and attendees for coming to the Joint MPO meeting. Damon Seils  
218 requested that Chris Lukasina and Aaron Cain send information on each presentation to their  
219 respective Board Members. Damon Seils also highlighted the importance of partnership throughout the  
220 region.

221 **9. Adjournment**

222 There being no further business to discuss, the Joint MPO Board meeting adjourned at 11:39 a.m.

# **DURHAM COUNTY TRANSIT PLAN UPDATE**

## **STATUS AND NEXT STEPS**

# Background and Context

- Durham County Transit Plan (“Plan”) directs allocation of Durham County Transit Tax Proceeds
  - Last Updated in 2017 – Joint Plan with Orange County
  - Discontinuation of Durham-Orange Light Rail Transit (DOLRT) Project warrants update of plan
  - Durham County is and remains lead partner, and final approver of the Plan
- Greater diversity and strength of partnerships will help deliver a more diverse range of transit projects and identify project opportunities and impediments early in the planning process
  - Key funding deadlines and decisions are forthcoming, in advance of the completion of the Plan update





# Proposed Plan Approach (Overview)

- Durham City-County Planning Department will be project manager and convener
  - Helps ensure alignment with Comprehensive Land Use Plan
- Plan development partners (with primary points-of-contact) are:
  - Durham County (Drew Cummings)
  - City of Durham (Bill Judge)
  - Go Triangle (Katherine Eggleston)
  - Durham-Chapel Hill-Carrboro MPO (Aaron Cain)
  - Triangle J Council of Governments (John Hodges-Copple)



# Proposed Plan Approach (Detail)

- Communicate Relentlessly
- Revise Governance Agreements
- Prepare Conditions Assessment (Existing Conditions and “Pipeline” Projects and Services)
- Engage the Community
- Develop Detailed Scope
- Identify Plan Development Roles and Resources
- Plan Development



# Communicate Relentlessly

Continuous, “two-way”, and consistent communication with all partners is key to success

- Board of County Commissioners (Lead Partner)
- City Council
- DCHC MPO Board
- Go Triangle Board

Written or staff update at each Board work session meeting throughout process

Frequent check-ins for policy feedback

Early engagement on “pipeline” items

Initial briefings:

Board of County Commissioners  
Go Triangle Board  
City Council  
DCHC MPO Board



July 8<sup>th</sup>  
August 5<sup>th</sup>  
August 8<sup>th</sup>  
August 14<sup>th</sup>



Planning



# Prepare Conditions Assessment (Existing Conditions and “Pipeline” Projects and Services)

## Existing Conditions Assessment

- Identifies key transit system existing conditions, including:
- Legal authority and funding
- Existing transit service
- Tradeoffs and options regarding transit services

Completed by October 1, 2019

## “Pipeline” Project and Services

- Identifies existing projects and deadlines that need action prior to completion of Transit Plan update
- Examples include Commuter Rail Transit (CRT) and SPOT assessments
- Priority, high value investments that can be made in FY20 will be identified
- Recommended action steps will be developed for each item
- Completed by November 1, 2019



# Engage the Community

Engagement is needed to help assess community transit priorities in light of the discontinuation of the LRT project

Transit plan engagement will be sought through the same process being used for Comprehensive Plan engagement (“Engage Durham”)

- Innovative approach to engagement focused on “peer-to-peer” conversations, community education and listening
- “Existing Conditions” and “Pipeline” information will be used to frame key issues and set a common base of information for discussion

Specialized events and outreach focused on transit users and key asset partners will be undertaken

The logo for 'Engage Durham' features the word 'ENGAGE' in white, bold, uppercase letters inside a pink speech bubble. To the right of the bubble, the word 'Durham' is written in a teal, sans-serif font. Below 'Durham', the tagline 'Our Future Together' is written in a smaller, pink, sans-serif font.

**ENGAGE**Durham  
Our Future Together

# Develop Detailed Scope and Identify Plan Development Roles and Resources

Work with Durham Transit Team partners to develop a detailed scope of work for the Transit Plan update

Each partner will have clear roles, responsibilities and deliverables

Completed by October 1, 2019

# Plan Development

Will take place between November, 2019 and November, 2020

Completion intended to align with FY21 partner budget cycles

May involve consulting assistance to fill gaps in resources and/or competencies that staff partners do not have



# Thank you!

## Questions? Comments? Concerns?

Patrick O. Young, AICP  
City-County Planning Director  
[Patrick.Young@durhamnc.gov](mailto:Patrick.Young@durhamnc.gov)  
919 560 4137 x28273



## **Amendment to the Orange County Transit Plan Regarding Funding for the Chapel Hill North-South Bus Rapid Transit Project**

The Parties to the Orange County Transit Plan agree to amend the Plan as follows:

The Orange County Transit Plan shall be amended to provide up to \$8 million in additional dedicated transit revenue to the Chapel Hill North-South Bus Rapid Transit (NSBRT) Project. The additional \$8 million shall be allocated over four years to meet project funding requirements. The Plan shall be amended to dedicate \$1 million in FY20, \$1.5 million in FY21, \$1.5 million in FY22, and \$4 million in FY23. This funding is in addition to \$6.1 million allocated in the 2017 Orange County Transit Plan and increases the total amount dedicated to the North South Bus Rapid Transit Project to \$14.1 million.

This amendment is intended to provide the Town of Chapel Hill with evidence that fifty percent (50%) of the non-federal match is dedicated to the project through the Transit Plan. The total project cost is \$140 million.

The Town of Chapel Hill shall seek offsetting project funding through the North Carolina Department of Transportation's Strategic Prioritization Process (SPOT 6.0). To the extent that State funds or other public, non-profit, or private funds are awarded to the North South Bus Rapid Transit Project, these outside funds shall be applied to reduce the financial obligations contained in the Amended Orange County Transit Plan, up to \$8 million. Outside funding may not be used to finance changes in the project scope, unanticipated cost overruns, or other changes until the Transit Plan's obligation of \$8 million is completely relieved, unless otherwise approved by the parties to the Transit Plan.

To the extent that any portion of this amendment conflicts with elements of the 2017 Orange County Transit Plan, the terms of this amendment shall supersede those elements.

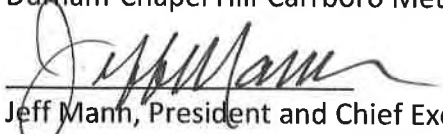


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Penny Rich, Chair  
Board of Orange County Commissioners

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Damon Seils, Chair  
Durham-Chapel Hill-Carrboro Metropolitan Planning Organization



Jeff Mann, President and Chief Executive Officer  
Research Triangle Regional Public Transportation Authority



Durham - Chapel Hill - Carrboro  
Metropolitan Planning Organization Board  
August 14, 2019

**FY 2018-2027 TIP Amendment #14 Summary Sheet**

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

- **C-4928 Morreene Road Bike-Ped:** Delay ROW from FY19 to FY20 and Construction from FY20 to FY21.
- **C-5605E Durham Bike Lanes:** Add CMAQ funding for Construction in FY19.
- **C-5605H Durham Downtown Wayfinding:** Add CMAQ funding for Construction and move Construction to FY20.
- **C-5605I Durham Bicycle Boulevards:** Add CMAQ funding for Construction in FY19.
- **EB-5703 LaSalle Street Sidewalks:** Delay Construction from FY20 to FY22.
- **EB-5704 Raynor Street Sidewalks:** Delay Construction from FY19 to FY21.
- **EB-5708 NC 54/NC 55 Sidewalks:** Delay Construction from FY20 to FY22.
- **EB-5715 North Duke Street Sidewalks:** Delay ROW from FY19 to FY20 and Construction from FY20 to FY22.
- **R-5785 Division 5 ADA Upgrades:** Add Construction funds in FY20.
- **R-5787 Division 7 ADA Upgrades:** Add Construction funds in FY20.
- **R-5788 Division 8 ADA Upgrades:** Add Construction funds in FY20.
- **TA-6669 Expansion Vehicles for CRX Route:** Move 5307 Capital funding from FY18 to FY20.
- **U-5518 US 70 Upgrade:** Delay ROW and Construction to FY20.
- **U-5745 NC 751-University Drive Roundabout:** Add bond funding for Engineering phase.

**Future CMAQ Funding**

<u>TIP #</u>	<u>Project Name</u>	<u>Year to Program</u>	<u>CMAQ \$</u>	<u>Notes</u>
C-4928	Morreene Road Bike Ped	2021	\$ 2,331,000	Currently in design, scheduled to bid for construction in 2021
C-5181*	Jones Creek Greenway	2020	\$ 533,000	Entering design, will be ready for construction fall 2019, increases funding
C-5605 H*	Downtown Wayfinding	2020	\$ 832,706	Does not include \$72,600 already obligated in FY18, increases funding
C-5605 A	Downtown Multi-Use Path	2021	\$ 128,410	
C-5650	South Greensboro Street Sidewalks	2021	\$ 440,000	
C-5605 F	Durham Bike Share	Cancel	\$ -	
C-5605 G	Downtown Durham Loop Separated Bike Lane	Cancel	\$ -	
TOTAL FOR FY20 & FY21**			<u>\$ 4,265,116</u>	
FY 18 & 19 Disbursement Amount			\$ 4,799,503	
Projected amount available for disbursement			\$ 534,387	

\*Funding increase would come from FY20 & FY21 disbursement

\*\*Does not include typical funding for TDM program and bus purchases

N.B. DCHC CMAQ Funding for TJCOG TDM program in FY19 was \$538,690.

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

**AMENDMENT #14  
August 14, 2019**

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**, the United States Environmental Protection Agency Designated the DCHC MPO from nonattainment to attainment under the prior 1997 Ozone Standard on December 26, 2007; 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

**WHEREAS**, in accordance with 23 CFR 450.326 (d), the TIP shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets; and

**BE IT THEREFORE RESOLVED** that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board hereby approves Amendment #14 to the FY 2018-2027 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on August 14, 2019, and as described in the “FY 2018-2027 TIP Amendment #14 Summary Sheet” on this, the 14th day of August, 2019.

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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: August 14, 2019

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

## Highway

#	SPOT ID	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost to NCDOT	County(s)	Statewide Mobility Quantitative Score (Out of 100)	REGIONAL IMPACT Quantitative Score (Out of 70)	DIVISION NEEDS Quantitative Score (Out of 50)	Notes
<b>Holding Tank Projects</b>													
1	H170785		Statewide Mobility	NC 147 (Durham Freeway)	Elba Street/Trent Drive		Improve ramps by tying them into a roundabout with Elba Street and Trent Drive.	\$ 1,850,000	Durham	57.01	37.94	31.17	Potential removal?
2	H170126		Regional Impact	US 501 (Roxboro Road)	US 501 Bypass (Duke Street)	Omega Road	Construct median, access management facilities, safety improvements, bicycle and pedestrian facilities, and transit stop improvements.	\$ 23,900,000	Durham	N/A	47.45	40.61	
3	H170375		Regional Impact	US 501 Business (Roxboro Road)	NC 55 (Avondale Drive)	SR 1004 (Old Oxford Road)	Construct median along section with potential turn lanes at Lavender Avenue, Bon Air Avenue, and Murray Avenue. Fill in sidewalk gaps and provide streetscape amenities.	\$ 37,300,000	Durham	N/A	45.93	42.71	
4	H170312		Regional Impact	US 501 Business (Roxboro Road)	SR 1443 (Horton Road)		Install turn lanes on US 501 Business (Roxboro Road) at Horton Road.	\$ 3,300,000	Durham	N/A	44.75	40.51	
5	H140374-E	U-6071	Regional Impact	NC 54	SR 1937/SR 1107 Old Fayetteville Road		Improve intersection	\$ 1,700,000	Orange	N/A	42.92	31.70	
6	H111036		Regional Impact	NC 86	US 70 Bypass	North of NC 57	Widen to four lanes with a median and Improve intersections at US 70 Bypass and NC 57.	\$ 12,400,000	Orange	N/A	36.02	27.42	
7	H170122		Division Needs	SR 1321 (Hillandale Road)	SR 1443 (Horton Road)		Construct roundabout	\$ 2,600,000	Durham	N/A	N/A	35.45	

8	H170127		Division Needs	New Route - Northern Durham Parkway	I-85	SR 1004 (Old Oxford Road)	Construct multi-lane roadway on new location.	\$ 29,700,000	Durham	N/A	N/A	33.85	
9	H170038		Division Needs	SR 1116 (Garrett Road)	NC 751 (Hope Valley Road)	SR 2220 (Old Chapel Hill Road)	Upgrade roadway corridor to increase capacity and construct bicycle and pedestrian facilities and transit stop improvements.	\$ 34,200,000	Durham	N/A	N/A	33.37	
10	H170117		Division Needs	SR 1171 (Riddle Road)	SR 2100 (South Alston Avenue)		Construct roundabout	\$ 1,600,000	Durham	N/A	N/A	31.25	
11	H150278		Regional Impact	NC 751 (Hope Valley Road)	South Roxboro Road	Woodcroft Parkway	Widen to four lanes with bike lanes and sidewalks. Improve the NC 751 & South Roxboro Road intersection.	\$ 8,500,000	Durham	N/A	25.62	27.47	
12	H111011		Regional Impact	NC 751 (Hope Valley Road)	NC 54	Southpoint Auto Park Blvd	Widen to four lanes with a median with bicycle, pedestrian and transit facilities as appropriate.	\$ 16,500,000	Durham	N/A	25.56	22.30	
13	H171433		Division Needs	New Route - Northern Durham Parkway	US 70	SR 1811 (Sherron Road)	Construct roadway on new location.	\$ 41,800,000	Durham	N/A	N/A	24.65	
14	H170037		Division Needs	SR 1978 (Hopson Road)	NC 54	Distribution Drive	Widen to a four lane divided roadway with bicycle and pedestrian facilities.	\$ 8,400,000	Durham	N/A	N/A	24.40	
15	H170399		Division Needs	SR 1009 (Old NC 86)	Eubanks	Farm House Drive	Modernization	\$ 8,700,000	Orange	N/A	N/A	19.99	Get further guidance on project description from OC, Carrboro, and Div 7. Intersection improvements at Calvander and Eubanks? Requires MTP amendment.
16	H170804		Regional Impact	US 70	US 70 Connector		Reconstruct interchange to an at-grade intersection.	\$ 8,200,000	Orange	N/A	18.43	13.03	



17	H140638		Division Needs	Elliott Road	US 15-501 (Fordham Boulevard)	Ephesus Church Road	Construct extension of existing roadway (Elliott Rd) on new location between Ephesus Church Rd and US 15/501.	\$ 4,900,000	Orange	N/A	N/A	15.44	Funding request less than SPOT 5 - only asking for construction \$\$
18	H150280		Division Needs	SR 1148 (Eno Mountain Road), SR 1192 (Mayo Street)	SR 1006 (Orange Grove Road)		Construct new alignment of Eno Mountain Road to align with Mayo Street and install signal.	\$ 8,700,000	Orange	N/A	N/A	14.36	
<b>New Projects</b>													
19	H184333		Statewide Mobility	Cole Mill Road	NC 147	US 70 Business	Extend Cole Mill Road from its current terminus at Hillsborough Road to NC 147 and create an interchange. Remove the ramp from US 15/501 SB to NC 147 NB.	N/A	Durham	N/A	N/A	N/A	
20			Statewide Mobility	I-40	Fayetteville Road		Improve interchange	N/A	Durham	N/A	N/A	N/A	Major improvement not in MTP; could be submitted safety and operational improvement (which would make it MTP-eligible)
21			Division Needs/ Statewide Mobility	US 70	New Glover Road		Road on new location and new interchange	N/A	Durham	N/A	N/A	N/A	New road in MTP; interchange is not
22			Division Needs/ Statewide Mobility	US 70	Angier Avenue		Road on new location and new interchange	N/A	Durham	N/A	N/A	N/A	New road in MTP; interchange is not
23			Regional Impact	US 501 Business (Roxboro Road)	NC 55 (Avondale Road)		Improve intersection	N/A	Durham	N/A	N/A	N/A	
24			Regional Impact	US 15/501 Business	University Drive		Improve intersection	N/A	Durham	N/A	N/A	N/A	Roundabout
25			Regional Impact	US 70 Business (Hillsborough Road)	Neal Road		Improve intersection	N/A	Durham	N/A	N/A	N/A	Roundabout
26			Regional Impact	NC 98	Lynn Road	Mineral Springs Road	Safety and bike/ped	N/A	Durham	N/A	N/A	N/A	
27			Regional Impact	NC 751	Fayetteville Road	O'Kelly Chapel Road	Widen to four lanes	N/A	Durham, Chatham	N/A	N/A	N/A	
28	H184275		Regional Impact	US 70 Bypass	NC 86		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
29	H184337		Regional Impact	US 70A	Churton Street		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
30	H184341		Regional Impact	US 70 Bypass	St. Mary's Road		Intersection improvements	N/A	Orange	N/A	N/A	N/A	

31	H184346		Regional Impact	US 70	Pleasant Green/Mt. Hermon Church road		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
32	H184362		Regional Impact	NC 86	Old NC 10		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
33	H184377		Regional Impact	NC 86	NC 57		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
34	H184380		Regional Impact	NC 86	New Hope Church Road		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
35			Division Needs	Jack Bennett/Lystra Roads	US 15/501	Farrington Point Road	Modernization	\$20,567,000	Chatham	N/A	N/A	N/A	
36			Division Needs	Andrews Store Road	Manns Chapel Road		Improve intersection	N/A	Chatham	N/A	N/A	N/A	
37			Division Needs	Andrews Store Road	Woodland Grove Lane		Improve intersection	N/A	Chatham	N/A	N/A	N/A	
38			Division Needs	Farrington Point Road	Mt. Carmel Church Road	Old Farrington Road	Improve intersection	N/A	Chatham	N/A	N/A	N/A	
39			Division Needs	Morreene Road	American Drive		Improve intersection	N/A	Durham	N/A	N/A	N/A	Roundabout
40	H184355		Division Needs	SR 1009 (Old NC 86)	SR 1777 (Homestead Road)	SR 1107 (Old Fayetteville Road)	Intersection improvements	N/A	Orange	N/A	N/A	N/A	
41	H184472		Division Needs	Erwin Road	Whitfield Road		Intersection improvements	N/A	Orange	N/A	N/A	N/A	
42			Division Needs	Eubanks	Park and Ride	Millhouse	Widen to four lanes with bike lanes and sidewalks	N/A	Orange	N/A	N/A	N/A	
43			Division Needs	Lebanon Road	Mill Creek Road	Efland-Cedar Grove Road	Intersection and safety improvements	N/A	Orange	N/A	N/A	N/A	
44			Regional Impact	NC 751	O'Kelly Chapel Road	Martha's Chapel	Modernization	N/A	Chatham	N/A	N/A	N/A	
45			Regional Impact	NC 54	Davis Drive		Intersection improvements	\$1,350,000	Durham	N/A	N/A	N/A	Cost shown is cost to NCDOT; RTF would contribute \$900K
<b>Recommended Removals</b>													
46	H111013	I-5702B	Statewide Mobility	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	\$ 727,650,000	Wake, Durham	73.99	45.37	42.56	Managed motorways in next STIP.
47	H090555-A		Regional Impact	NC 751	SR 1740 (Lewter Shop Road)	O'Kelly Chapel Road	Widen road to 4 Lanes with bicycle lanes on existing location.	\$ 91,800,000	Chatham	N/A	32.77	29.17	US 15/501 Superstreet in next STIP - may alleviate

48	H140374-D		Regional Impact	NC 54	Neville Road		Improve intersection	\$ 1,100,000	Orange	N/A	32.60	25.22	Covered by R-5821A? Sibling project - do we get another submittal?
49	H170805		Statewide Mobility	US 15, US 501	NC 147 (Durham Freeway)	US 70 Business (Hillsborough Road)	Signalize collector-distributor ramp intersections to improve safety.	\$ 995,000	Durham	53.91	37.85	34.08	Replaced by Cole Mill Extension
50	H172198		Regional Impact	US 15 Business (Roxboro Street)	Pettigrew Street	East Main Street	Improve the crossing at US 15/501 Business (Roxboro Street) in Downtown Durham. Make the bridge higher to reduce truck conflict, make the span wider to facilitate a future two-way of Roxboro Street, and make the bridge wider to be able to accommodate four tracks. Potentially create an intersection at Ramseur and Roxboro.	\$ 31,100,000	Durham	N/A	19.07	21.88	Scores poorly; potential negative interaction with DOLRT? Submit as rail project?
51	H170787		Regional Impact	US 70 Business (Morgan Street, Ramseur Street), NC 98 (Morgan Street)	US 15-501 Business (Roxboro Street)	US 15/501 Business (Roxboro Street)	Convert the Downtown Loop from one-way to two-way traffic	\$ 15,100,000	Durham	N/A	19.51	22.92	Do DOLRT changes affect this submission? Scores poorly.
52	H170114		Division Needs	SR 1731 (O'Kelly-Chapel Road)	NC 751	Yates Store Road	Widen existing road to four lanes and include bicycle accommodations.	\$ 31,400,000	Chatham	N/A	N/A	20.88	Not in 2045 MTP
53	H170372		Division Needs	SR 1008 (Farrington Point Road), SR 1726 (Old Farrington Point Road), SR 1109 (Farrington Mill Road)	SR 1110 (Farrington Road)	SR 1717 (Lystra Road)	Modernize roadway to current standards.	\$ 36,100,000	Chatham, Durham	N/A	N/A	23.99	Not in 2045 MTP
<b>Submitted by Others</b>													
54	H111162		Division Needs	SR 1005 (Old Greensboro Road)	SR 1942 (Jones Ferry Rd)	NC 87 in Alamance County	Modernize and add 4-foot Paved Shoulders	\$ 42,500,000	Orange, Alamance	N/A	N/A	22.36	Submitted by TARPO; DCHC applied points in SPOT 5
55	H140374-A		Regional Impact	NC 54	SR 1006 (Orange Grove Rd)	SR 1937 / SR 1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	\$ 83,000,000	Orange	N/A	46.80	36.58	Submitted by Division 7

56	H170298		Statewide Mobility	US 15, US 501	NC 751	Pickett Road Overpass	Widen section of 15-501 bypass between Tower and NC 751 to 6 lanes	\$ 54,300,000	Durham	70.61	45.65	34.22	Submitted by Division 5
57	H172045		Statewide Mobility	I-40	NC 54 (exit 273)	NC 751 (exit 274)	Construct auxiliary lane between ramps	\$ 15,200,000	Durham	75.78	47.78	39.49	Submitted by Division 5
58	H172189		Regional Impact	Division 5 Non-Municipal Divisionwide Signal System			Add cameras and fiber to signals in division 5 which are outside of municipal systems and upgrade software and add equipment to enable monitoring of signals by Division staff. Division wide project. Will provide the list of signals.	\$ 4,600,000	Wake, Granville, Person, Franklin	N/A	46.86	40.00	Submitted by Division 5; DCHC applied points in SPOT 5

## Bike/Ped

#	SPOT ID	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost to NCDOT	County(s)	DIVISION NEEDS Quantitative Score (Out of 50)	Notes
1	B170485	American Tobacco Trail	US 70 Business (Ramseur Street)	American Tobacco Trail	Construct tunnel underneath NCRR. Extend path to connect American Tobacco Trail to Downtown Durham and future Duke Belt Line Trail.	\$ 9,741,612	Durham	40.24	
2	B150143	Sandy Creek Trail	Pickett Rd	Al Buehler Trail at Cornwallis Rd	Construct a shared use trail.	\$ 2,847,422	Durham	40.08	
3	B170480	NC 54	RTP Trail	American Tobacco Trail	Construct a shared use path along one side of the roadway and pedestrian intersection improvements and sidewalk connections to bus stops on both sides of the road.	\$ 6,798,330	Durham	39.91	
4	B170481	NC 55 (Apex Highway)	American Tobacco Trail Spur	Cornwallis Road	Construct shared use path on one side of roadway and make intersection improvements.	\$ 4,609,168	Durham	39.82	
5	B170469	SR 1183 (University Drive) and Old Chapel Hill Road	SR 1116 (Garrett Road)	Martin Luther King Jr. Parkway	Construct shared use path along one side of the roadway.	\$ 2,246,078	Durham	39.06	
6	B141106	Horton Road	US 501 Business (Roxboro Road)	NC 157 (Guess Road)	Construct a sidewalk on one side of the road, sidepath on the other side.	\$ 5,090,502	Durham	38.95	
7	B170482	US 15/501 Business (University Drive)	Woodridge Drive	US 15/501 Business Lakewood Avenue	Construct sidewalks along entire length and bicycle lanes where needed.	\$ 4,339,496	Durham	38.80	
8	B150405	Cook Rd	American Tobacco Trail	Martin Luther king Jr Parkway	Construct buffered bike lanes and sidewalks on both sides of the road.	\$ 6,599,861	Durham	38.75	
9	B170468	SR 1669 (Club Boulevard)	SR 1332 (Broad Street)	Washington Street/Ellerbe Creek Trail	Construct bicycle lanes on both sides of the street and improve intersections for bicycle and pedestrian crossings.	\$ 1,849,507	Durham	38.75	
10	B170470	US 501 (Roxboro Road)	SR 1456 (Milton Road)	Fairfield Road	Construct sidewalks on both sides of the road.	\$ 6,655,782	Durham	38.42	
11	B170479	SR 1959 (Miami Boulevard)	SR 1954 (Ellis Road)	Cornwallis Road	Construct a multi-use pathway along east side of Miami Boulevard.	\$ 5,932,258	Durham	38.23	
12	B170526	Warren Creek Trail Phase II	Warren Creek Trail/Horton Road	US 501	Construct a shared use trail through and outside the boundary of West Point on the Eno Park.	\$ 1,976,022	Durham	38.01	
13	B170467	NC 55 (Apex Highway)	Meridian Parkway	Carpenter Fletcher Road	Construct pedestrian facilities on both sides of the road.	\$ 1,886,285	Durham	37.97	U-6118 reduces need for original length of project; adjust cost
14	B170484	US 15/501 Business (Durham-Chapel Hill Boulevard)	Nation Avenue	US 15/501 Business (University Drive)	Construct sidewalks, improve bicycle lanes, and install intersection improvements.	\$ 3,392,554	Durham	37.68	



15	B170466	NC 98 (Holloway Street)	Lynn Road	Ganyard Farm Way	Construct sidewalks on both sides of the road and include intersection improvements.	\$ 6,000,552	Durham	35.97	U-6120 reduces need for original length of project; adjust cost
16	B150104	NC 751 (Academy Road), Cornwallis Road	Duke University Rd	Chapel Hill Rd	Construct on road bicycle lanes and sidewalks for the entire length of the route.	\$ 4,859,386	Durham	34.80	
17	B170478	Old Durham-Chapel Hill Road	SR 1113 (Pope Road)	Mount Moriah Road	Construct a bicycle and pedestrian bridge along Old Durham-Chapel Hill Road across I-40. Facility may not be required to be the full length of the road segment.	\$ 4,444,910	Durham	31.84	
18	B170402	NC 86 (Martin Luther King, Jr. Parkway)	SR 1770 (Estes Drive)	SR 1777 (Homestead Road)	Construct bicycle lanes and upgrade sidewalks along NC 86.	\$ 614,169	Orange	31.48	Sidepath to be constructed as part of BRT?
19	B171043	US 15-501 (Fordham Boulevard)	Legion Road (future)	Service Road	Construct a bicycle/pedestrian bridge over US 15-501 (Fordham Boulevard) in Chapel Hill from where the future Legion Road extension will be on the east side of Fordham Boulevard to the service road on the west side.	\$ 2,400,000	Orange	31.15	
20	B170483	NC 54, Alston Avenue	Cornwallis Road	RTP Trail	Construct bicycle lanes and sidewalks.	\$ 8,953,131	Durham	30.53	
21	B150258	Tanyard Branch-Carrboro Connector	Broad Street	Village Drive and Tanyard Branch Greenway	Construct an off-road multi-use path providing bicycle and pedestrian safety.	\$ 600,000	Orange	30.44	
22	B141356	Hardee St/SR 1800 (Cheek Road)	NC 98 (Holloway St)	SR 1800 (Cheek Rd/Sherwood Park)	Construct sidewalks and bike lanes on Hardee Street, construct sidewalks on Cheek Road.	\$ 5,779,080	Durham	30.21	
23	B171175	SR 1843 (Seawell School Road)	SR 1780 (Estes Drive Extension)	SR 1777 (Homestead Road)	Construct a sidepath along the entire corridor from Estes Drive to Homestead Road.	\$ 3,341,552	Orange	29.19	
24	B150122	SR 1669 (Club Boulevard)	Ambridge St	SR 1666 (Dearborn Dr)	Construct on road bicycle lanes and sidewalks for the entire length of the route.	\$ 3,852,229	Durham	24.81	
25	B170403	SR 1008 (Mt. Carmel Church Road)	US 15/501	SR 1913 (Bennett Road)	Construct a multi-use path on one side of Mt. Carmel Church Road.	\$ 800,000	Orange	23.03	
26	B150435	Old NC 86 - Hillsborough Road	SR 1777 (Homestead Road)	Farm House Road	Construct bicycle lanes on both sides of roadway	\$ 990,199	Orange	19.22	To be replaced by highway modernization project?
27	N/A	American Tobacco Trail	American Tobacco Trail	American Tobacco Trail	Install HAWK signal at crossing of O'Kelly Chapel Road	N/A	Chatham	N/A	Replace B171147
28	N/A	Hillsborough North-South Bike/Ped Connector	Bridge over I-85		Bridge over I-85	N/A	Orange	N/A	Replaces road in MTP
29	N/A	Orange High School/Harold Latta Road Sidewalks	US 70 Bypass	Cloverfield Road	Construct sidewalks, high visibility crosswalks, and signage	N/A	Orange	N/A	
30	N/A	Morreene Road	Neal Road	Erwin Road	Construct on road bicycle lanes and sidewalks for the entire length of the route.	N/A	Durham	N/A	Remove because local funding is available?

31	N/A	Cornwallis Road	Chapel Hill Road	S. Roxboro Road	Construct on road bicycle lanes and sidewalks for the entire length of the route.	N/A	Durham	N/A	Remove because local funding is available?
32	N/A	Bolin Creek Greenway Extension	Umstead Park	Estes Drive	Extend Bolin Creek Greenway from Umstead Park to Estes Drive to connect bike-ped facilities	\$3,500,000	Orange	N/A	Extension of Bolin Creek Greenway
33	N/A	East Franklin Street Sidepath	Bolin Creek Greenway	Booker Creek Greenway	Construct sidepath along north side of Franklin Street to connect Bolin and Booker Creek Greenways	\$2,300,000	Orange	N/A	
34	N/A	Estes Drive	Caswell Road	E Franklin Street	Construct bicycle lanes and sidewalks.	\$3,600,000	Orange	N/A	
<b>Recommended Removals</b>									
35	B171963	SR 1010 (West Franklin Street)	SR 1010 (East Main Street)	Merritt Mill Street/Brewer Lane	Construct pedestrian improvements, such as crosswalks, improved signage, and pedestrian signals, at the West Franklin/East Main/Merritt Mill/Brewer intersection on the border of Chapel Hill and Carrboro.	\$ 279,680	Orange	29.47	Being constructed by Division 7
36	B150456	SR 1843 (Seawell School Road)	SR 1780 (Estes Drive Extension)	SR 1777 (Homestead Road)	Improve bicycle and pedestrian facilities along the entire corridor from Estes Drive to Homestead Road. Construct bike lanes and sidewalks to fill-in gaps.	\$ 3,341,552	Orange	24.56	Sidepath scores better (B171175)
37	B171147	American Tobacco Trail	American Tobacco Trail	American Tobacco Trail	Construct a tunnel or bridge across O'Kelly Chapel Road.	\$ 2,417,453	Chatham	25.65	Replace with HAWK signal

## Transit

#	SPOT ID	TIP	Project Category	Route / Facility Name	Description	Cost to NCDOT	County(s)	REGIONAL IMPACT Quantitative Score (Out of 70)	DIVISION NEEDS Quantitative Score (Out of 50)	Notes
<b>Holding Tank Projects</b>										
1	T150449		Division Needs	Village Neighborhood Transit Center	Design and Construction of NTC: Village Neighborhood Transit Center. Serves GoDurham routes 2B, 3, 3B, 3C	\$ 171,000	Durham	N/A	35.10	10% of project cost
2	T150453		Division Needs	Fayetteville Street TEC	Construct sidewalks, bus stop improvements (including shelters), and better access to stops along Fayetteville Street in Durham. This corridor includes GoDurham routes 5, 5K, 7, 14 and GoTriangle routes 800, 805.	\$ 133,000	Durham	N/A	41.35	10% of project cost
3	T150993	TD-5297	Division Needs	Regional Transit Center	An improved location to increase the efficiency of the overall regional system. The project includes 10 bus bays and 150 parking spaces in a structured facility.	\$ 1,040,000	Durham	N/A	25.58	Confirm funding request
4	T171692		Regional Impact	Commuter Rail Transit, West Durham to Garner	Construct commuter-rail transit service adjacent to and/or within the existing NCRR corridor extending from West Durham to Greenfield station in Garner via RTP, Cary, and Raleigh. Provide 4 trains each direction during the morning rush hour, 4 in the evening rush hour, and 1 train each direction in the off-peak AM and PM (a total of 10 trains each direction). The peak services will operate at one-hour intervals (e.g. leave origin station at 6:00 am, 7:00 am, 8:00 am, etc.).	\$ 111,421,000	Wake, Durham	34.63	24.45	
5	T171711		Regional Impact	GoTriangle DRX Route bus service expansion	Purchase 3 additional vehicles to support headway reduction on DRX route.	\$ 135,000	Wake, Durham	29.63	22.59	
6	T171722		Regional Impact	GoTriangle ODX Route bus service expansion	Purchase one additional vehicle to support headway reduction on the ODX route.	\$ 48,000	Durham, Orange, Alamance	20.56	15.93	



New Projects										
7	N/A		Division Needs	Chapel Hill N-S BRT	Eubanks to Southern Village	\$ 35,000,000	Orange	N/A	N/A	Confirm funding request
8	N/A		Division Needs	Chapel Hill N-S BRT	Hillsborough to Southern Village	\$ 38,827,000	Orange	N/A	N/A	
9	N/A		Regional Impact	Chapel Hill N-S BRT	Eubanks to Chatham Park	\$ 47,118,400	Orange, Chatham	N/A	N/A	
10	N/A		Regional Impact	Downtown Durham to Raleigh Commuter Rail	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	N/A	Wake, Durham	N/A	N/A	
11	N/A		Regional Impact	Downtown Durham to Garner Commuter Rail	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	N/A	Wake, Durham	N/A	N/A	
12	N/A		Regional Impact	Hillsborough to Raleigh Commuter Rail	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	N/A	Wake, Durham	N/A	N/A	
13	N/A		Regional Impact	Hillsborough to Garner Commuter Rail	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	N/A	Wake, Durham	N/A	N/A	
14	N/A		Division Needs	Southpoint Transit Center		\$ 47,000	Durham	N/A	N/A	10% of project cost
15	N/A		Division Needs	Chapel Hill Road TEC		\$ 89,000	Durham	N/A	N/A	10% of project cost
16	N/A		Regional Impact	CRX Route Expansion		N/A	Orange, Wake	N/A	N/A	
17	N/A		Regional Impact	GoTriangle 400 Route Expansion		N/A	Durham, Orange	N/A	N/A	
18	N/A		Regional Impact	GoTriangle 405 Route Expansion		N/A	Durham, Orange	N/A	N/A	
19	N/A		Regional Impact	GoTriangle 800/805 Route Expansion		N/A	Durham, Orange	N/A	N/A	
20	N/A		Division Needs	West NC 54 Park and Ride		N/A	Orange	N/A	N/A	
21	N/A		Regional Impact	NC 54 Corridor High-Capacity Transit		N/A	Durham, Orange	N/A	N/A	In conjunction with U-5774
22	N/A		Regional Impact	US 15/501 High-Capacity Transit		N/A	Durham, Orange	N/A	N/A	Based on US 15/501 Corridor Study
23	N/A		Division Needs	Central Durham High Capacity Transit		N/A	Durham	N/A	N/A	Based on Move Durham Study
24	N/A		Regional Impact	Morrisville-RTP BRT		N/A	Durham, Wake	N/A	N/A	Extension of Funded CAMPO BRT Project
Recommended Removals										
25	T171904		Regional Impact	Mebane to Selma Commuter Rail Service	Construct infrastructure and service for commuter rail service from Mebane to Selma. Project includes 12 locomotives and 24 coaches.	\$ 250,727,364	Wake, Durham, Johnston	31.48	19.26	
26	T171898		Regional Impact	Commuter Rail from Durham to Garner	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	\$ 111,421,000	Wake, Durham	46.67	32.59	

27	T171911		Regional Impact	Durham to Raleigh Commuter Rail Service	Construct infrastructure and service for commuter rail service from Durham to Raleigh. Project includes 4 locomotives and 8 coaches.	\$ 84,896,916	Wake, Durham	43.89	30.74	
28	T171912		Regional Impact	Durham to Wake Forest Commuter Rail	Construct infrastructure and service for commuter rail service from Durham to Wake Forest. Project includes 6 locomotives and 12 coaches.	\$ 135,698,527	Wake, Durham	40.19	27.41	
29	T171915		Regional Impact	Durham to Raleigh to Garner/Wake Forest commuter rail	Construct infrastructure and service for 8-2,8-2 service to Raleigh and 4-1,4-1 service to Wake Forest and Garner. Project includes 6 locomotives and 12 coaches.	\$ 162,222,611	Wake, Durham	39.45	27.04	

## Rail

#	SPOT ID	TIP	Project Category	Route / Facility Name	Description	Cost to NCDOT	County(s)	Statewide Mobility Quantitative Score (Out of 100)	REGIONAL IMPACT Quantitative Score (Out of 70)	DIVISION NEEDS Quantitative Score (Out of 50)	Notes
1	R140014	P-5716	Statewide Mobility	NS/NCRR H Line	Construction of grade separation at SR 1954 (W. Ellis Road) and closure of existing at-grade crossing (Crossing # 735 236Y) in Durham.	\$ 11,750,000	Durham	71.97	49.33	34.80	
2	R150312	P-5728	Statewide Mobility	NS/NCRR H Line	Construction of grade separation at SR 1317 (Neal Road) and closure of existing at-grade crossing (Crossing # 735 202E) in Durham.	\$ 5,492,000	Durham	64.17	42.13	29.26	
3	R150325		Statewide Mobility	NS/NCRR H Line	Construction of at-grade crossing improvements at Blackwell Street (Crossing # 735 229N), US 15 (Mangum Street) (Crossing # 735 231P), and SR 1118 (Fayetteville Street) (Crossing # 910 605Y) per Durham TSS in Durham.	\$ 650,000	Durham	60.07	45.78	32.96	
4	R150318		Statewide Mobility	NS/NCRR H Line	Construction of grade separation at Dimmocks Mill Road (Crossing # 735 154S) and closure of Bellvue Street existing at-grade crossing (Crossing # 735 152D) and West Hill Avenue existing at-grade crossing (Crossing # 735 151W). Project includes a pedestrian tunnel at Hill Avenue.	\$ 21,575,000	Orange	52.84	33.08	22.86	
5	R150320		Statewide Mobility	NS/NCRR H Line	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	\$ 53,900,000	Durham	44.08	34.22	21.70	
6	R170032		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements from MP H 44.5 to MP H 48 west of Hillsborough.	\$ 3,500,000	Orange	42.85	31.97	21.97	
7	R170033		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements from MP H 38 to MP H 40.4 near Efland.	\$ 3,500,000	Orange	24.27	18.90	17.16	
8	R170029		Statewide Mobility	NS/NCRR H Line	Construction of new railroad bridge, or other railroad approved method, over Exchange Park Lane (Crossing #735 158U) to accommodate pedestrian traffic within the structure.	\$ 7,400,000	Orange	23.47	16.56	12.46	

9	R150319		Statewide Mobility	NS/NCRR H Line	Construction of second main track from Control Point Funston (MP 49.8) to East Durham Yard (MP 56) in Durham.	\$ 50,800,000	Durham	10.73	8.21	10.73	
10	R171833		Statewide Mobility	I-40 Rail Bridge in Durham County	Construct triple track bridge over I-40 in Durham County.	\$ 20,000,000	Durham	7.36	4.91	7.36	
11	N/A		Statewide Mobility	NCRR/NS H line	Construction of curve radius improvements near Hillsborough (Collins Ridge).	N/A	Orange	N/A	N/A	N/A	Verify MP
*	N/A		Regional Impact	Amtrak	Purchase of passenger rail cars	N/A	Statewide	N/A	N/A	N/A	Request from rail division for MPO points

\*To be submitted by another agency



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 24, 2019

MEMO TO: MPOs, RPOs, NCDOT Division Planning staff

FROM: Van Argabright, PE *Ray McIntyre*  
Director, Division of Planning & Programming

SUBJECT: Future 2023-2032 STIP

After consultation with management at NCDOT, the Division of Planning and Programming is adjusting the schedule for the next State Transportation Improvement Program (STIP) release which will be the future 2023-2032 STIP. The result of this schedule change will create a one-time three-year gap in the creation of the STIP. This adjustment will extend the Prioritization 6.0 (P6.0) project scoring process and the future Draft 2023-2032 STIP will be released in January 2022.

As you know, the Department has employed the assistance of many private engineering firms to actively work towards better cost estimates for all projects evaluated in the Strategic Prioritization (SPOT) process. This adjustment in the STIP release allows additional time for the completion of more Express Designs, resulting in better refined project scopes and cost estimates. Additionally, it allows extra time for coordination of project submittals between our MPO/RPO partners and NCDOT Divisions, as well as further validation of the P6.0 scoring data.

The P6.0 Workgroup will meet to adjust schedule interactions between P6.0 and the STIP development. If you have any concerns about this updated schedule, please contact Jason Schronce at (919) 707-4646 to discuss. Thank you.

cc: Bobby Lewis, Chief Operating Officer  
Tim Little, Chief Engineer  
Ron Hancock, Deputy Chief Engineer  
Louis Mitchell, Deputy Chief Engineer  
John Rouse, Deputy Chief Engineer  
Division Engineers  
Chris Peoples, Director of Field Support  
Chris Werner, Director of Technical Services  
Edward Parker, Assistant Division Administrator, FHWA – NC Division  
George Hoops, Planning & Program Development Leader, FHWA – NC Division

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF PLANNING AND  
PROGRAMMING  
1534 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1534

Telephone: (919) 707-4610  
Fax: (919) 733-3585  
Customer Service: 1-877-368-4968

Website: [www.ncdot.gov](http://www.ncdot.gov)

Location:  
1 SOUTH WILMINGTON STREET  
RALEIGH, NC 27601

## MEMORANDUM

**To:** DCHC MPO Board

**From:** DCHC MPO Lead Planning Agency

**Date:** August 14, 2019

**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
- ✓ Farrington Road Amendment adopted

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

- ✓ 2045 MTP amendment related to Air Quality Conformity Determination will be released for public comment– September 2018
- ✓ Adopt 2045 MTP Amendment #1 – November 2018

#### **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
- Rolling Household Survey – nearing completion

#### **Prioritization 6.0 - FY 2023-2032 TIP Development**

- ✓ LPA Staff develops initial project list – March-April 2019
- ✓ TC reviews initial project list – May 2019

- ✓ Board reviews initial project list (including deletions of previously submitted projects) – June 2019
- SPOT On!ine opens for entering/amending projects – October 2019
- Board releases draft SPOT 6 project list for public comment – November 13, 2019
- Board holds public hearing and approves new projects to be submitted for SPOT 6 – December 11, 2019
- MPO submits projects to NCDOT – December 20, 2019
- LPA updates local ranking methodology – Spring 2020
- Board approves local ranking methodology – June 2020
- MPO applies local ranking methodology for Regional projects – August 2020
- Board releases MPO initial Regional points list for local input/public comments – September 2020
- Approval of Regional Impact points – October 2020
- MPO applies local ranking methodology for Division projects – November 2020
- Board releases MPO initial Division points list for local input/public comments – December 2020
- Approval of Division Needs points – January 2021
- Draft STIP Released – April 2021

### **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
- ✓ Forecasts of future demands (2035 and 2045)
- ✓ Evaluation of future conditions
- ✓ Strategic freight corridors and zones
- ✓ Recommendation & implementation strategies
- ✓ Final report and presentation – September 2018
- ✓ Release formal report for public comment – September 2018
- ✓ Approve final report – May 2019

### **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
- ✓ Draft plan, phase one – September 2018
- ✓ Public input – October-November 2018
- ✓ Revisions and additional data collection – March-May 2019
- Public input – October-November 2019
- Final draft – November 2019

### **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
- ✓ Project on hold until decision on how to move forward with transit
- 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
- ✓ Screening and presentation to MPO Boards at joint MPO Board Meeting – October 2018
- Complete Tier 2 corridor screening and present to MPO Board – June 2019
- Public input
- Final report

### **Project Development/NEPA**

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

### **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

**Upcoming Projects**

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

<b>Contract Number:</b> C202581 <b>Division:</b> 5 <b>TIP Number:</b> EB-4707A <b>Length:</b> 0.96 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> SR-1838/SR-2220 FROM US-15/501 IN ORANGE COUNTY TO SR-1113 IN DURHAM COUNTY. <b>Contractor Name:</b> S T WOOTEN CORPORATION <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> 05/28/2019 <b>Original Completion Date:</b> 02/15/2021 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>		<b>Route:</b> - <b>County:</b> Durham <b>Federal Aid Number:</b> STPDA-0537(2) <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 0% <b>Letting Date:</b> 04/16/2019 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 0% <b>Actual Progress:</b> 0%	
<b>Contract Number:</b> C203394 <b>Division:</b> 5 <b>TIP Number:</b> U-0071 <b>Length:</b> 4.009 miles <b>NCDOT Contact:</b> Cameron D. Richards <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>Work Began:</b> 02/26/2015 <b>Original Completion Date:</b> 05/10/2020 <b>Latest Payment Thru:</b> 07/22/2019 <b>Latest Payment Date:</b>		<b>Route:</b> I-885, NC-147, NC-98 <b>US-70</b> <b>County:</b> Durham <b>Federal Aid Number:</b> <b>NCDOT Contact No:</b> (919)835-8200 <b>Cost Overrun/Underrun:</b> 10.42% <b>Letting Date:</b> 11/18/2014 <b>Revised Completion Date:</b> 06/24/2020 <b>Scheduled Progress:</b> 89.72% <b>Actual Progress:</b> 81.72%	
<b>Contract Number:</b> C203567 <b>Division:</b> 5 <b>TIP Number:</b> U-3308 <b>Length:</b> 1.134 miles <b>NCDOT Contact:</b> James M. Nordan, PE <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>Work Began:</b> 10/05/2016 <b>Original Completion Date:</b> 03/30/2020 <b>Latest Payment Thru:</b> 06/15/2019 <b>Latest Payment Date:</b> 06/26/2019		<b>Route:</b> NC-55 <b>County:</b> Durham <b>Federal Aid Number:</b> STP-55(20) <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 27.06% <b>Letting Date:</b> 07/19/2016 <b>Revised Completion Date:</b> 02/11/2021 <b>Scheduled Progress:</b> 57% <b>Actual Progress:</b> 55.58%	
<b>Contract Number:</b> C204167 <b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 24.77 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> 51 SECTIONS OF SECONDARY ROADS. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$4,355,108.47 <b>Work Began:</b> 08/01/2018 <b>Original Completion Date:</b> 11/30/2019 <b>Latest Payment Thru:</b> 06/30/2019 <b>Latest Payment Date:</b> 07/12/2019		<b>Route:</b> SR-1118, SR-1407, SR-1648 <b>SR-1794, SR-1811, SR-1906</b> <b>SR-1966, SR-1973, SR-2095</b> <b>County:</b> Durham <b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 0.92% <b>Letting Date:</b> 05/15/2018 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 20% <b>Actual Progress:</b> 22.11%	
<b>Contract Number:</b> C204168 <b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 15.188 miles <b>NCDOT Contact:</b> Cameron D. Richards <b>Location Description:</b> 14 SECTIONS OF SECONDARY ROADS. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$5,334,770.46 <b>Work Began:</b> 07/02/2018 <b>Original Completion Date:</b> 11/30/2019		<b>Route:</b> - <b>County:</b> Durham <b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)835-8200 <b>Cost Overrun/Underrun:</b> 6.02% <b>Letting Date:</b> 05/15/2018 <b>Revised Completion Date:</b>	

<b>Latest Payment Thru:</b> 06/24/2019 <b>Latest Payment Date:</b> 07/09/2019		<b>Scheduled Progress:</b> 32.5% <b>Actual Progress:</b> 24.78%
<b>Contract Number:</b> C204211  <b>Division:</b> 5 <b>TIP Number:</b> U-5968 <b>Length:</b> 0.163 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> CITY OF DURHAM. <b>Contractor Name:</b> BROOKS BERRY HAYNIE & ASSOCIATES, INC. <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> 05/28/2019 <b>Original Completion Date:</b> 08/01/2024 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>		<b>Route:</b> I-40, I-85, NC-55 NC-98, US-15, US-501 US-70 <b>County:</b> Durham  <b>Federal Aid Number:</b> STBG-0505(084) <b>NCDOT Contact No:</b> (919)220-4680  <b>Cost Overrun/Underrun:</b> 0% <b>Letting Date:</b> 04/16/2019 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 0% <b>Actual Progress:</b> 0%
<b>Contract Number:</b> C204256  <b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 15.89 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> 1 SECTION OF US-70, 1 SECTION OF NC-98, AND 3 SECTIONS OF SECONDARY ROADS. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> 03/15/2019 <b>Original Completion Date:</b> 11/30/2019 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>		<b>Route:</b> -, NC-98, SR-1811 US-70 <b>County:</b> Durham  <b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)220-4680  <b>Cost Overrun/Underrun:</b> 0% <b>Letting Date:</b> 10/16/2018 <b>Revised Completion Date:</b> 07/04/2020 <b>Scheduled Progress:</b> 0% <b>Actual Progress:</b> 0%
<b>Contract Number:</b> C204270 <b>Division:</b> 5 <b>TIP Number:</b> U-5745 <b>Length:</b> 0.142 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> INTERSECTION IMPROVEMENTS (ROUNDAABOUT) AT NC-751 HOPE VALLEY ROAD AND SR-1183 UNIVERSITY DRIVE IN DURHAM. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$2,271,302.32 <b>Work Began:</b> 02/28/2019 <b>Original Completion Date:</b> 05/01/2020 <b>Latest Payment Thru:</b> 07/07/2019 <b>Latest Payment Date:</b> 07/19/2019		<b>Route:</b> NC-751, SR-1183 <b>County:</b> Durham  <b>Federal Aid Number:</b> <b>NCDOT Contact No:</b> (919)220-4680  <b>Cost Overrun/Underrun:</b> 2.55% <b>Letting Date:</b> 01/15/2019 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 36% <b>Actual Progress:</b> 35.57%
<b>Contract Number:</b> C204294 <b>Division:</b> 5 <b>TIP Number:</b> R-5785C, R-5785D <b>Length:</b> 1 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> VARIOUS LOCATIONS. <b>Contractor Name:</b> BROWE CONSTRUCTION COMPANY <b>Contract Amount:</b> \$704,600.00 <b>Work Began:</b> 04/01/2019 <b>Original Completion Date:</b> 11/01/2019 <b>Latest Payment Thru:</b> 07/22/2019 <b>Latest Payment Date:</b>		<b>Route:</b> SR-1926 <b>County:</b> Durham  <b>Federal Aid Number:</b> TAP-0505(051) <b>NCDOT Contact No:</b> (919)220-4680  <b>Cost Overrun/Underrun:</b> 10.72% <b>Letting Date:</b> 02/19/2019 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 55% <b>Actual Progress:</b> 42.6%
<b>Contract Number:</b> C204321 <b>Division:</b> 5 <b>TIP Number:</b> W-5601HZ, W-5705Z <b>Length:</b> 1.7 miles <b>NCDOT Contact:</b> Cameron D. Richards <b>Location Description:</b> I-85, I-440, I-495, I-540, US-1, US-15/501, US-501, US-64, AND NC-147. <b>Contractor Name:</b> BULLINGTON CONSTRUCTION INC <b>Contract Amount:</b> \$611,875.00 <b>Work Began:</b> 05/05/2019		<b>Route:</b> - <b>County:</b> Durham  <b>Federal Aid Number:</b> HSIP-000S(855) <b>NCDOT Contact No:</b> (919)835-8200  <b>Cost Overrun/Underrun:</b> 0.9% <b>Letting Date:</b> 03/19/2019

<b>Original Completion Date:</b> 11/01/2019 <b>Latest Payment Thru:</b> 07/15/2019 <b>Latest Payment Date:</b> 07/24/2019		<b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 46.1% <b>Actual Progress:</b> 61.27%	
<b>Contract Number:</b> DE00228 <b>Division:</b> 5 <b>TIP Number:</b> I-5729 <b>Length:</b> 5.61 miles <b>NCDOT Contact:</b> James M. Nordan, PE <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>Work Began:</b> 03/13/2018 <b>Original Completion Date:</b> 11/01/2018 <b>Latest Payment Thru:</b> 06/22/2019 <b>Latest Payment Date:</b> 06/26/2019		<b>Route:</b> I-85 <b>County:</b> Durham <b>Federal Aid Number:</b> NHPP-0085(013) <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 63.52% <b>Letting Date:</b> 10/11/2017 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 100% <b>Actual Progress:</b> 87.75%	
<b>Contract Number:</b> DE00255 <b>Division:</b> 5 <b>TIP Number:</b> W-5705C <b>Length:</b> 0 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> US 15-501 AT SR 1116 (GARRETT RD) US 15-501 BUS AT WESTGATE DR <b>Contractor Name:</b> ALS OF NORTH CAROLINA LLC <b>Contract Amount:</b> \$540,904.71 <b>Work Began:</b> 08/06/2018 <b>Original Completion Date:</b> 12/21/2018 <b>Latest Payment Thru:</b> 07/07/2019 <b>Latest Payment Date:</b>		<b>Route:</b> US-501 <b>County:</b> Durham <b>Federal Aid Number:</b> HSIP-0501(046) <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 7.09% <b>Letting Date:</b> 05/23/2018 <b>Revised Completion Date:</b> 06/19/2019 <b>Scheduled Progress:</b> 100% <b>Actual Progress:</b> 78.3%	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
17BP.5.R.133	BRIDGE 49 OVER ENO RIVER ON SR 1401 (COLE MILL ROAD)		Division POC Let (DPOC)		1/22/2025	Lisa Gilchrist			
17BP.5.R.134	BRIDGE 82 OVER LICK CREEK ON SR 1815 (N MINERAL SPRINGS ROAD)		Division POC Let (DPOC)		1/22/2025	Lisa Gilchrist			
17BP.5.R.126	BRIDGE 262 OVER A CREEK ON SR 1607 (BAHAMA ROAD)		Division POC Let (DPOC)		2/28/2024	Lisa Gilchrist			
17BP.5.R.116	BRIDGE 96 OVER BURDENS CREEK ON SR 1945		Division POC Let (DPOC)		2/22/2023	Lisa Gilchrist			
17BP.5.R.117	BRIDGE 110 OVER LITTLE CREEK ON SR 1110		Division POC Let (DPOC)		2/22/2023	Lisa Gilchrist			
17BP.5.R.84	BRIDGE 61 OVER MOUNTAIN CREEK ON SR 1464		Division POC Let (DPOC)		2/9/2022	Lisa Gilchrist			
17BP.5.R.83	BRIDGE 84 OVER CHUNKY PIE CREEK ON SR 1815		Division POC Let (DPOC)		4/14/2021	Lisa Gilchrist			
47709.3.1	US 15-501 at US 70 (Hillsborough Rd)		Division POC Let (DPOC)		12/11/2019	Stephen Davidson			utility relocations in progress
17BP.5.R.97	BRIDGE 89 OVER LICK CREEK ON SR 1902		Division POC Let (DPOC)		10/15/2019	Lisa Gilchrist			
U-5774F	NC 54 FROM I-40/NC 54 INTERCHANGE	10/18/2024	Raleigh Letting (LET)	10/20/2026	10/17/2028	PAM R. WILLIAMS	\$54,800,000.00	\$39,300,000.00	
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	Raleigh Letting (LET)	2/16/2027	7/18/2028	PAM R. WILLIAMS	\$55,000,000.00	\$140,300,000.00	
U-5720A	US 70 (MIAMI BLVD) FROM LYNN ROAD TO SR 1959 (SOUTH MIAMI BOULEVARD/SR 1811 (SHERRON ROAD)	12/15/2023	Raleigh Letting (LET)	3/19/2024	10/20/2026	PAM R. WILLIAMS	\$35,800,000.00	\$57,000,000.00	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
U-5720B	US 70 (MIAMI BLVD) AT SR 1959 (SOUTH MIAMI BOULEVARD)/SR 1811 (SHERRON ROAD) INTERSECTION	12/15/2023	Raleigh Letting (LET)	3/19/2024	10/20/2026	PAM R. WILLIAMS	\$17,321,000.00	\$25,300,000.00	
U-5937	NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1127 (WEST CHAPEL HILL STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	10/14/2022	Raleigh Letting (LET)	3/21/2023	10/20/2026	PAM R. WILLIAMS	\$10,202,000.00	\$47,001,000.00	
I-6006	I-40 DURHAM/WAKE COUNTIES FROM NC 54 (EXIT 273) TO SR 1728 (WADE AVENUE). CONVERT FACILITY TO A MANAGED FREEWAY WITH RAMP METERING AND OTHER ATM / ITS COMPONENTS.	1/21/2025	Design Build Let (DBL)		1/21/2025	PAM R. WILLIAMS	\$20,000.00	\$54,530,000.00	
P-5706	NORFOLK SOUTHERN H LINE, EAST DURHAM RAILROAD SAFETY PROJECT. PROJECT WILL STRAIGHTEN EXISTING RAILROAD CURVATURE BETWEEN CP NELSON AND CP EAST DURHAM AND INCLUDES A COMBINATION OF GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD SOUTH END CROSSING (734737A), GLOVER ROAD (734735L), AND WRENN ROAD (734736)	6/30/2020	Raleigh Letting (LET)		1/21/2025	MATTHEW SIMMONS	\$9,000,000.00	\$42,400,000.00	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
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		Division Design Raleigh Let (DI	12/19/2023	12/17/2024	CHRISTOPHER A. HOFFMAN		\$8,357,000.00	
U-5774B	NC 54 FROM US 15/US 501 IN ORANGE COUNTY TO SR 1110 (BARBEECHAPEL ROAD) IN DURHAM COUNTY	6/16/2022	Raleigh Letting (LET)	6/18/2024	10/15/2024	PAM R. WILLIAMS	\$11,000,000.00	\$30,900,000.00	
U-5774C	NC 54 FROM SR 1110 (BARBEE CHAPEL ROAD) TO I-40	6/16/2022	Raleigh Letting (LET)	6/18/2024	10/15/2024	PAM R. WILLIAMS	\$3,000,000.00	\$23,700,000.00	
I-5941	I-85 FROM ORANGE COUNTY LINE TO US 15 /US 501 IN DURHAM PAVEMENT REHABILITATION		Division Design Raleigh Let (DDRL)		12/19/2023	CHRISTOPHER A. HOFFMAN		\$2,973,000.00	
U-5934	NC 147 FROM I-40 TO FUTURE I-885(EAST END CONNECTOR)IN DURHAM ADD LANES AND REHABILITATE PAVEMENT	10/17/2023	Design Build Let (DBL)	2/15/2022	10/17/2023	PAM R. WILLIAMS	\$2,148,000.00	\$177,100,000.00	
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	RAYMOND JOSEPH HAYES	\$50,000.00	\$525,000.00	
I-5707	I-40 - FROM NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM	10/16/2020	Raleigh Letting (LET)	6/16/2020	6/20/2023	PAM R. WILLIAMS	\$323,000.00	\$7,600,000.00	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
U-5516	AT US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.	4/16/2021	Division Design Raleigh Let (DI	9/15/2020	5/16/2023	JOHN W. BRAXTON JR	\$6,501,430.00	\$8,200,000.00	65% plans in review.
U-5717	US 15 / US 501 DURHAM CHAPEL-HILL BOULEVARD AND SR 1116 (GARRETT ROAD) CONVERTING THE AT-GRADE INTERSECTION TO AN INTERCHANGE	4/23/2019	Division Design Raleigh Let (DI	4/21/2020	4/18/2023	JOHN W. BRAXTON JR	\$53,500,000.00	\$32,000,000.00	ROW acquisition in progress. Utility easements updated for utility plan revisions due to DOLRT.
I-5998	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION. COORDINATE WITH I-5999 & I-6000.		Division POC Let (DPOC)		1/25/2023	CHRISTOPHER A. HOFFMAN		\$3,800,000.00	
EB-5834	NC 157 / SR 1322 (GUESS RD.) FROM HILLCREST DRIVE TO SR 1407 (WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES.	6/30/2021	NON - DOT LET (LAP)		9/20/2022	RAYMOND JOSEPH HAYES	\$204,000.00	\$589,000.00	
EB-5703	DURHAM - LASALLE STREET FROM KANGAROO DRIVE TO SPRUNT AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES FROM KANGAROO DRIVE TO US 70 BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDE FROM HILLSBOROUGH ROAD TO SPRUNT AVENUE.	9/30/2019	NON - DOT LET (LAP)		5/31/2022	RAYMOND JOSEPH HAYES	\$515,000.00	\$1,440,000.00	



DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
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Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
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)		5/30/2022	RAYMOND JOSEPH HAYES	\$177,000.00	\$491,000.00	
W-5705AI	US 501 BUSINESS (ROXBORO STREET) AT SR 1443 (HORTON ROAD) /SR 1641 (DENFIELD STREET)	1/30/2021	Division POC Let (DPOC)		3/23/2022	STEPHEN REID DAVIDSON	\$210,000.00	\$630,000.00	surveys in progress
I-6000	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION/REHABILITATION. COORDINATE WITH I-5998 & I-5999.		Division POC Let (DPOC)		1/26/2022	CHRISTOPHER A. HOFFMAN		\$4,541,000.00	
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	1/31/2020	NON - DOT LET (LAP)		1/21/2022	RAYMOND JOSEPH HAYES	\$829,000.00	\$2,680,000.00	
B-5674	REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND	9/16/2020	Raleigh Letting (LET)		12/21/2021	KEVIN FISCHER	\$110,000.00	\$2,209,000.00	
U-4726HN	CONSTRUCT BIKE LANES/SIDEWALKS IN DURHAM - HILLDALE ROAD	4/30/2020	NON - DOT LET (LAP)		10/30/2021	RAYMOND JOSEPH HAYES			

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
C-4928	SR 1317 (MORRENE ROAD) FROM NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.	4/30/2020	NON - DOT LET (LAP)		9/30/2021	RAYMOND JOSEPH HAYES	\$7,000.00	\$5,783,000.00	
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	NON - DOT LET (LAP)		9/30/2021	RAYMOND JOSEPH HAYES	\$14,000.00	\$4,432,000.00	
U-4726HO	CARPENTER - FLETCHER ROAD BIKE - PED; CONSTRUCT BIKE LANES / SIDEWALKS (CITY MAINTAINED) FROM WOODCROFT PARKWAY (CITY MAINTAINED ) TO ALSTON AVENUE (SR 1945).	3/31/2020	NON - DOT LET (LAP)		9/30/2021	RAYMOND JOSEPH HAYES			
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	NON - DOT LET (LAP)		8/30/2021	RAYMOND JOSEPH HAYES	\$421,000.00	\$1,798,000.00	
EB-5704	DURHAM - RAYNOR STREET FROM NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET		NON - DOT LET (LAP)		6/30/2021	RAYMOND JOSEPH HAYES		\$510,000.00	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
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Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
EB-5837	THIRD FORK CREEK TRAIL FROM SOUTHERN BOUNDARIES PARK TO THEAMERICAN TOBACCO TRAIL IN DURHAM	6/30/2020	NON - DOT LET (LAP)		6/30/2021	RAYMOND JOSEPH HAYES	\$161,000.00	\$2,546,000.00	
B-6003	REPLACE BRIDGE 78 OVER TAR RIVER ON SR 1609	12/8/2020	Division POC Let (DPOC)		6/23/2021	LISA B. GILCHRIST	\$405,000.00	\$4,050,000.00	
P-5717	NORFOLK SOUTHER H LINE CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	12/12/2019	Raleigh Letting (LET)		6/15/2021	KUMAR TRIVEDI	\$4,378,000.00	\$16,100,000.00	
W-5705T	SR 1815 / SR 1917 (SOUTH MINERAL SPRINGS ROAD) AT SR 1815 (PLEASANT DRIVE)	4/1/2020	Division POC Let (DPOC)		4/21/2021	STEPHEN REID DAVIDSON	\$85,000.00	\$800,000.00	Preliminary design approved.
I-5995	I-40 - DURHAM/WAKE COUNTIES FROM EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION.		Division Design Raleigh Let (DDRL)		1/19/2021	CHRISTOPHER A. HOFFMAN		\$5,272,000.00	
W-5705AM	DURHAM TRAFFIC SIGNAL REVISIONS TO INSTALL "NO TURN ON RED"BLANK OUT SIGNS AT SIX LOCATIONS		Division POC Let (DPOC)		12/9/2020	CHRISTOPHER A. HOFFMAN		\$62,000.00	
W-5705S	US 15/501 AT NC 751 SOUTHBOUND ON RAMP - EXTEND RAMP		Division POC Let (DPOC)		9/23/2020	STEPHEN REID DAVIDSON		\$460,000.00	Design coordination for hydraulic and geotechnical tasks.

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
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Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
EB-5904	DUKE BELT LINE TRAIL - PETTIGREW STREET TO AVONDALE STREET IN DURHAM, CONSTRUCT A MULTI-USE TRAIL ON FORMER RAIL CORRIDOR	9/4/2018	NON - DOT LET (LAP)		9/1/2020	RAYMOND JOSEPH HAYES	\$7,100,000.00	\$3,750,000.00	
C-5605I	DURHAM NEIGHBORHOOD BIKE ROUTE:~7 MILES OF SIGNED AND MARKED NEIGHBORHOOD BIKE ROUTES IN CENTRAL DURHAM.		NON - DOT LET (LAP)		6/30/2020	RAYMOND JOSEPH HAYES		\$540,883.00	
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	RAYMOND JOSEPH HAYES		\$4,978,000.00	
C-5183B	SR 1945 (S ALSTON AVENUE) FROM SR 1171 (RIDDLE ROAD) TO CAPPS STREET. CONSTRUCT SIDEWALKS IN DURHAM		NON - DOT LET (LAP)		3/30/2020	RAYMOND JOSEPH HAYES	\$99,000.00	\$706,000.00	
I-5993	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147.		Division Design Raleigh Let (DDRL)		1/21/2020	CHRISTOPHER A. HOFFMAN		\$17,700,000.00	
I-5994	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147.		Division Design Raleigh Let (DDRL)		1/21/2020	CHRISTOPHER A. HOFFMAN		\$6,652,000.00	

DURHAM PROJECT LIST  
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM  
August 2019

Project ID	Description	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
C-5605H	DOWNTOWN DURHAM WAYFINDING PROGRAM SIGNS/KIOSKS TO FACILITATE NAVIGATION AND PARKING.		NON - DOT LET (LAP)		12/31/2019	RAYMOND JOSEPH HAYES		\$605,000.00	
W-5601EM	SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET IN DURHAM		Division POC Let (DPOC)		12/4/2019	JOHN EDWARD SANDOR		\$14,000.00	Deleting project, will be absorbed by U-5968
W-5705M	I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)		Division POC Let (DPOC)		10/2/2019	JOHN EDWARD SANDOR		\$80,000.00	Anticipated Let in January, 2020
C-5605E	CITY OF DURHAM BICYCLE LANE STRIPING: 8 MILE OF BIKE LANES.		NON - DOT LET (LAP)		9/30/2019	RAYMOND JOSEPH HAYES		\$504,000.00	
W-5705U	US 70 BUSINESS (MORGAN STREET) AT CAROLINA THREATRE		Division POC Let (DPOC)		9/4/2019	JOHN EDWARD SANDOR		\$20,000.00	Anticipated Let in January, 2019
W-5705V	NC 54 AT HUNTINGRIDGE ROAD		Division POC Let (DPOC)		9/4/2019	JOHN EDWARD SANDOR		\$80,000.00	Anticipated Let in January, 2019

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907BS 44894.2.1 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	Jul. 2019	\$40,500 R/W \$43,200 CON	Construction underway, Tentatively schedule to flash signal 6/14/19	Dawn McPherson
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>	1/17/2019	Jul. 2019	\$189,000	Construction underway - 90% complete, final pavement markings pending	Derek Dixon
U-5846 50236.1.1 50236.2.1 50236.3.1	Construct a roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in <b>Carrboro</b> .	5/2/2019	3/1/2022	\$3,375,611	Project let and contract awarded to Fred Smith Company	Chad Reimakoski
B-4962 40174.1.1 40174.2.1 40174.3.1	Replace Bridge #46 over Eno river on US 70 Bypass	4/16/2019	12/28/2021	\$4,863,757	Project let and contract awarded to Conti Enterprises, Inc.	Kevin Fischer
W-5707K 48283	Remove and replace existing curb & gutter and sidewalk, add pedestrian signals, concrete island, and signal modifications on SR 1010 (E. Main St / W. Franklin St) from Brewer Ln to Graham St. in <b>Chapel Hill and Carrboro</b>	5/31/2019	Sept. 2019	\$350,000	ROW acquisition underway, construction underway in areas of existing ROW	Chris Smitherman Derek Dixon
U-5847 50238.1.1 50238.2.1 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> .	5/31/2019	Sept. 2019	\$775,000	Planning and design activities underway, bike/ped improvements to be completed under project 48283	Chris Smitherman

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907CD 47936.1.1 47936.2.1 47936.3.1	Horizontal curve improvements on SR 1710 (Old NC 10) west of SR 1561/SR 1709 (Lawrence Road) east of Hillsborough. Improvements consist of wedging pavement and grading shoulders.	12/5/2019	Spring 2020	\$261,000	Planning and design activities underway, ROW activities June/July 2019	Chad Reimakoski
W-5707C 44853.1.3 44853.3.3 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	12/19/2019	Apr. 2020	\$395,000	No bids on most recent letting, Project on hold until further notice	Chad Reimakoski
I-3306A 34178.1.3 34718.2.2 34178.3.3	Widening I-40 from I-85 in Orange Co. to Durham Co. line (US 15/501 Interchange)	TBD	TBD	\$88,100,000	Planning and design activities underway, Public meeting 1/24/19, No schedule at this time other than CE document scheduled for 3/29/19, <b>Combined w/I-3306AC</b>	Laura Sutton
P-5701 46395.1.1 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, Coordinate with U-5848	Matthew Simmons
I-3306AC 34178.1.6 34178.2.5 434178.3.9	Interchange improvements at I-40 and NC86 in <b>Chapel Hill</b>	10/19/2021	FY 2023	\$16,500,000	Planning and Design activities underway, <b>Combined w/I-3306A</b>	Laura Sutton
R-5821A 47093.1.2 47093.2.2 47093.3.2	Construct operational improvements including Bicycle/Pedestrian accommodations on NC 54 from SR 1006 (Orange Grove Road) to SR 1107 /SR 1937 (Old Fayetteville Road).	6/21/2022	FY2024	\$3,924,000	Planning and design activities underway, coordinating with NC54 West Corridor Study	Chris Smitherman
U-5848 50237.1.1 50237.2.1 50237.3.1	Extend SR 1006 (Orange Grove Road) on new location with Sidewalks and bike lanes from existing SR 1006 (Orange Grove Road) to US 70 Business in <b>Hillsborough</b> .	3/21/2023	FY 2025	\$5,326,000	Planning and Design activities underway, Coordinate with P-5701 and U-5845	Laura Sutton

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
I-5959 45911.1.1 45911.3.1	Pavement Rehabilitation on I-85 from West of SR 1006 (Orange Grove Road) to Durham County line	11/21/2023	FY 2025	\$11,155,000	Funding approved 10/10/17, Coordinate with I-5967, I-5984 and I-0305	Chris Smitherman
I-5967 45917.1.1 45917.2.1 45917.3.1	Interchange improvements at I-85 and SR 1009 (South Churton Street) in <b>Hillsborough</b>	1/16/2024	FY 2027	\$20,700,000	Planning and Design activities underway, Coordinate with I-0305 and U-5845	Laura Sutton
U-5845 50235.1.1 50235.2.1 50235.3.1	Widen SR 1009 (South Churton Street) to multi-lanes from I-40 to Eno River in <b>Hillsborough</b>	1/16/2024	FY 2027	\$49,751,000	Planning and Design activities underway, Coordinate with U-5848 and I-5967	Laura Sutton
I-5984 47530.1.1 47530.2.1 47530.3.1	Interchange improvements at I-85 and NC 86 in <b>Hillsborough</b>	11/18/2025	FY 2027	\$16,488,000	Funding approved 10/10/17, Coordinate with I-0305 and I-5959	Laura Sutton
U-6071 47496.1.1 47496.2.1 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	Project deleted per Draft 2020-2029 STIP (unfunded project)	Chris Smitherman
I-5983 47529.1.1 47529.2.1 47529.3.1	Widen I-85 in Orange Co. from west of SR1713 (Mt. Hermon Church Rd) to Durham Co. line	10/20/2026	FY2029	\$53,460,000	Project deleted per Draft 2020-2029 STIP and reinstate project I-0305	Laura Sutton
I-0305 34142.1.2 34142.2.2 34142.3.2	Widening of I-85 from west of SR1006 (Orange Grove Road) in Orange Co. to west of SR 1400 (Sparger Road) in Orange Co.	1/19/2027	FY2029	\$133,400,000	Planning and design activities underway, Project reinstated per Draft 2020-2029 STIP (funded project) and delete project I-5983	Laura Sutton





## 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>Completion Date</u>	<u>Work Start Date</u>	<u>Estimated Completion</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
C202581	EB-4707A	SR-1838/SR-2220 FROM US-15/501 IN ORANGE COUNTY TO SR-1113 IN DURHAM COUNTY.	S T WOOTEN CORPORATION	Nordan, PE, James M	\$4,614,460.00	05/28/2019	02/15/2021	05/28/2019			
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	11/01/2017	09/02/2015	04/29/2019	100.00	100.00
C203946	B-5348	BRIDGE #85 OVER PHIL'S CREEK ON SR-1005 (OLD GREENSBORO ROAD).	DANE CONSTRUCTION INC	Howell, Bobby J	\$984,596.98	02/01/2018	12/27/2018	02/01/2018	01/30/2019	99.00	92.33
C204025	I-5954	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	Howell, Bobby J	\$9,699,053.68	04/01/2018	06/29/2019	04/29/2019	06/29/2019	96.00	40.48
C204078	B-4962	BRIDGE #46 OVER ENO RIVER ON US-70 BYPASS.	CONTI ENTERPRISES, INC	Howell, Bobby J	\$4,863,757.00	05/28/2019	12/28/2021	06/19/2019			
DG00393		SR 1101, SR 1118, SR 1119, SR 1124, SR 1125, SR 1127, SR 1128 SR 1130, SR 1134, SR 1135, SR 1137, SR 1141, SR 1143, ETC.	RILEY PAVING INC	Howell, Bobby J	\$1,084,520.40	04/02/2018	10/12/2018	06/18/2018	12/07/2018	100.00	99.97
DG00395		BRIDGE #189 ON SR 1114 (BUCKHORN ROAD) OVER CANE CREEK	S T WOOTEN CORPORATION	Howell, Bobby J	\$723,924.13	04/01/2018	01/01/2019	05/07/2018	02/07/2019	97.00	99.75
DG00413		US 70 BUS, SR 1009, SR 1102, SR 1129, SR 1239, SR 1352, SR 1716 AND SR 1841	CAROLINA SUNROCK LLC	Howell, Bobby J	\$3,562,232.66	05/28/2018	11/01/2019	05/29/2018	11/01/2019	58.00	99.59
DG00419		NC 86, 17 SECONDARY ROADS	CAROLINA SUNROCK LLC	Howell, Bobby J	\$3,764,001.64	05/14/2018	11/01/2019	05/14/2018	11/01/2019	51.00	77.10
DG00435		22 SECONDARY ROADS	WHITEHURST PAVING CO INC	Howell, Bobby J	\$846,340.66	04/01/2019	10/11/2019				
DG00444	R-5821B	INTERSECTION IMPORVEMENTS AT THE INTERSECTION OF NC 54 AND SR 1006 (ORANGE GROVE ROAD)	FSC II LLC DBA FRED SMITH COMPANY	Howell, Bobby J	\$1,039,900.00	07/16/2018	05/16/2019	08/13/2018	05/16/2019	100.00	99.94
DG00445	R-5787BB	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Howell, Bobby J	\$319,319.80	06/25/2018	02/15/2020	08/06/2018	02/15/2020	100.00	92.94
DG00445	W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Howell, Bobby J	\$319,319.80	06/25/2018	02/15/2020	08/06/2018	02/15/2020	100.00	92.94
DG00451	U-5854	SR 1008 (MT. CARMEL CHURCH ROAD) AND SR 1913 (BENNETT ROAD) ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS	CAROLINA SUNROCK LLC	Howell, Bobby J	\$1,833,468.84	08/15/2018	04/30/2020	02/13/2019	11/30/2020	13.00	37.94
DG00461		BRIDGE #031 ON SR 1010 (E. FRANKLIN ST.) OVER BOLIN CREEK & BOLIN CREEK TRAIL	M & J CONSTRUCTION & CO OF PINELLAS COUNTY INC	Howell, Bobby J	\$2,456,272.12	11/12/2018	07/15/2019	03/15/2019	08/15/2019	54.00	19.64
DG00462		BRIDGES 264, 288, 260, 543 IN GUILFORD COUNTY AND BRIDGE 031 IN ORANGE COUNTY	ELITE INDUSTRIAL PAINTING INC	Snell, PE, William H	\$967,383.15	08/01/2019	01/01/2020				



## 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>Completion Date</u>	<u>Work Start Date</u>	<u>Estimated Completion</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
DG00485	U-5846	SR 1772 (GREENSBORO STREET) AT SR 1780 (ESTES DRIVE), CONSTRUCT ROUNDABOUT	FSC II LLC DBA FRED SMITH COMPANY	Howell, Bobby J	\$3,375,611.30	05/28/2019	03/01/2022				
DG00487	W-5707L	INSTALLATION OF 4' THERMOPLASTIC PAVEMENT MARKING LINES VARIOUS SECONDARY ROADS DIVISION WIDE	TRP CONSTRUCTION GROUP LLC	Snell, PE, William H	\$839,863.60	06/01/2019	09/28/2019				

## Chatham County - DCHC MPO - Active Projects - Division 8--July 2019

Contract # or WBS # or TIP #	Route	Description	Let Date	Completion Date	Contractor	Project Admin.	STIP Project Cost	Notes
Division	SR 1782 (Jeremiah Drive)	Increase elevation of roadway approx 5 feet for Jordan Lake impoundment	May-18	08/01/19	Division	Matt Kitchen (336)-318-4000	TBD	work underway

## Chatham County - DCHC MPO - Upcoming Projects - Division 8--July 2019

Contract # or WBS # or TIP #	Route	Description	Let Date	Completion Date	Contractor	Project Admin.	STIP Project Cost	Notes
U-6192 DSTIP	US 15-501	Add Reduced Conflict Intersections - superstreet from Pittsboro to Orange Co	DSTIP FY 2027	TBD	TBD	Greg Davis (910) 773-8022	\$45,640,000	DSTIP Right of Way FY 2025
R-5825	NC 751 at SR 1731 (O'Kelly Chapel Road)	Upgrade and Realign Intersection	TBD	TBD	TBD	Greg Davis (910) 773-8022	\$759,000	Utilities being relocated

## **Bye bye Bird and Lime. New electric scooters arrive in Raleigh this week.**

The Herald-Sun By Anna Johnson August 5, 2019

A new electric-scooter company is set to arrive in Raleigh as Bird and Lime end their rocky relationship with the city.

Gotcha, a South Carolina-based company, will arrive with a fleet of about 150 scooters this week, with plans to add more. It and the city of Raleigh will hold an event from 11 a.m. to 4 p.m. Monday at Exchange Plaza, between Fayetteville and Wilmington streets, in downtown to introduce the scooters to the public.

"The most important thing is to give us a shot," said Sean Flood, CEO of Gotcha. "Whether you've had a great experience or not great experience with the last scooters, give us a chance. Be open to the benefits of the product and be open-minded about a new company."

Bird and Lime arrived unannounced in Raleigh last year, instantly polarizing the city between those who welcomed the new mode of transportation and those who saw the vehicles as a nuisance.

"I think you'll see how they come into the market, it's a little bit more thoughtful and measured," said Michael Moore, the city's transportation director. "It's not all shock and awe."

### **DESIGNATED PARKING ZONES**

Gotcha scooters are similar to Bird and Lime in that it costs \$1 to "unlock" the vehicle and 15 cents per minute to ride. However, riders will be incentivized to park the blue scooters in designated parking zones — Flood said riders may be charged more if they don't park in one — instead of leaving them wherever they finish their ride. Those zones are still being set up, he said, adding some riders will have to "change behaviors."

Gotcha doesn't want to be in every market, Flood said, adding the company plans to work in cities and at universities where they are the exclusive scooter company. They've looked at places where there are multiple companies offering scooter services and are pulling back in some, he said. Gotcha left the city of Nashville within the last week.

After Bird and Lime arrived, the city's staff recommended rules and a \$100 per scooter fee, which the Raleigh City Council increased to \$300 per scooter. It's one of the highest per-scooter fees in the country.

The fee is high, Flood said, but added that Gotcha is committed to Raleigh and hopes the company and the city will be able to work together to make sure the scooters are affordable to residents while still being profitable.

The two California-based companies, Bird and Lime, did not apply to operate in the city, citing the city's fees and regulations. They left at the end of July.

The city could have picked four companies to replace Bird and Lime, but only selected Gotcha. The company will be allowed 500 scooters with the potential of 1,000 — though Flood said the company's standard fleet is normally 250 to 450. If Gotcha is allowed to deploy 1,000 scooters, it would still fall short of the nearly 1,400 scooters that were in the city at one point.

Gotcha will also have local employees who pick up the scooters for charging and maintenance instead of relying on contracting with residents to pick up the scooters.

### **LIME TO REMAIN AT NC STATE**

In an outgoing message to the city, Lime thanked its team of chargers (called juicers) and riders for being apart of the "Lime family" and regrets not being able to stay. The company will still be at N.C. State University.

"After months of conversation and attempts to find a suitable path forward with the city of Raleigh, we were unable to reach an agreement that would allow for the sustainable, well-run scooter program Raleigh residents deserve," Lime said in a statement. "We regret that we will not be able to serve Raleigh at this time and we thank our riders and our

great team of juicers for being a valued part of the Lime family. We hope to serve Raleigh in the future so residents can enjoy our reliable, sustainable and affordable transportation options.”

In an email to riders, Lime said people should vote for “candidates who value alternative transportation” in the upcoming municipal election if they want Lime scooters to come back.

“Bird is so grateful to our Raleigh community for supporting shared e-scooters and embracing Bird as an environmentally friendly alternative to short car trips,” Bird said in a statement. “Unfortunately, due to burdensome regulations on e-scooter providers, it no longer makes sense for us to provide our service in the city. We thank Raleigh riders and would welcome the opportunity to provide our service again in the future under improved circumstances.”

## **As gas tax withers, how will NC pay for roads, sidewalks and bike paths in the future?**

The Herald-Sun By Richard Stradling July 23, 2019

Most of the N.C. Department of Transportation’s annual \$5 billion budget comes from people who use the state’s roads, through taxes on gasoline and the sale and registration of cars and trucks.

But what if many people — perhaps a majority — don’t pay those taxes, because they drive electric vehicles that don’t use gasoline or because they use ridesharing services such as Uber and Lyft and don’t own a car.

The NCDOT is trying to prepare for those and other possible scenarios where the current way of paying for the state’s transportation system may no longer work, because of changes in technology, demographics and travel habits.

The department has formed a committee of business people, politicians, economists and others to explore alternative strategies for paying for transportation. The N.C. FIRST Commission will meet over the next year and is looking for some guidance from the public through an online survey, at [publicinput.com/ncfirst](http://publicinput.com/ncfirst).

Government has built and maintained roads and other transportation systems mostly using fees and taxes paid by the people who use them. The biggest single source of revenue is the gas tax: The state tax of 36.2 cents per gallon accounts for 40% of NCDOT’s budget, while the federal gas tax of 18.4 cents a gallon provides the bulk of the federal money that makes up 25%.

The “highway use tax,” which is essentially a 3% sales tax when a vehicle’s title changes hands, and Division of Motor Vehicle registration fees account for most of the rest of the budget.

The gas tax has already become less dependable as a source of revenue, as improved mileage means people pay less in taxes to drive the same distance. Improvements in battery storage and reductions in cost are expected to make electric vehicles more attractive to consumers in coming years, reducing gas tax revenue even further.

“We’ve always been a user-pay system,” says Burt Tasaico, NCDOT’s director of strategic initiatives and program support. “The challenge is, how can we maintain that in light of all the changes that we see?”

Other changes on the horizon include autonomous vehicles. While Ford CEO Jim Hackett recently said carmakers have been overly optimistic about the development of self-driving cars, the industry still predicts their arrival in years, rather than decades, which could also lead to drastic changes in vehicle ownership.

Tony Seba, a Silicon Valley entrepreneur who heads a think tank called RethinkX, predicts that by 2030 nearly all of the road miles traveled in the U.S. will be provided by on-demand autonomous vehicles owned by fleets, in a new business model he calls “transport-as-a-service.” And those vehicles will all be electric, Seba says.

N.C. Secretary of Transportation Jim Trogdon cites Seba in explaining why he created the FIRST Commission (Trogdon has invited Seba to speak at next year’s transportation summit in Raleigh). He notes that others think the transition to fleets of on-demand, all-electric vehicles will take longer to come about, but the point is the state needs to be ready for some dramatic changes.

“Even if we’re 50% correct, we’re still better off,” Trogdon said in an interview. He added that even some of the most fantastic scenarios for transportation in the future involve pavement.

“Unless everyone is flying in unmanned aerial vehicles, I would anticipate that we’re still going to need roads,” he said.

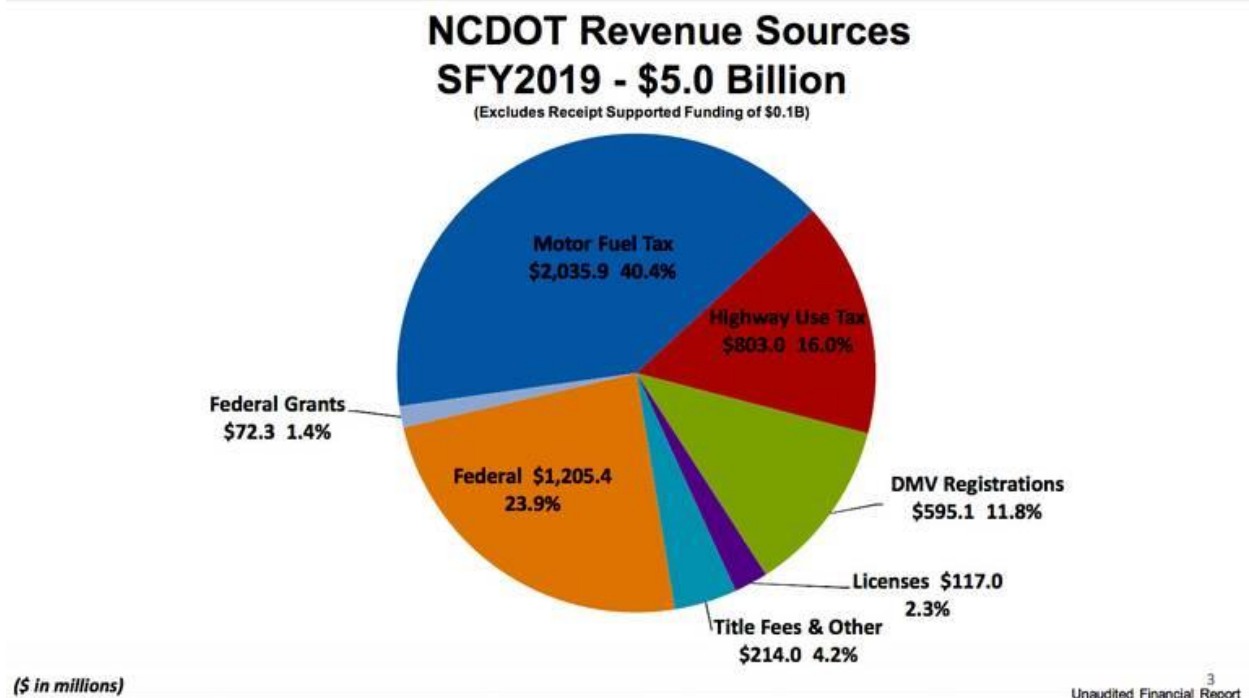
The shift to electric vehicles will likely be gradual, giving the state time to adjust, says Amna Cameron, NCDOT’s deputy director of strategic initiatives and program support. When the FIRST Commission makes recommendations to the General Assembly ahead of the 2021 session, Cameron said, she expects they will include some modest proposals to boost transportation revenue, such as taxes on Uber and Lyft or on electric scooters.

“We are not at a crisis point in terms of any revenue stability,” she said. “This will be a phased-in plan.”

The FIRST Commission’s public survey, which will be open through the end of the month, asks which new sources of revenue the commission should consider and provides six choices: a fee based on vehicle weight; a variable fee based on congestion; a dedicated state sales tax; a fee based on miles traveled; a sales tax on motor fuel; and a tax on electricity.

It also leaves a space for people to suggest their own ideas.

The commission’s name is an acronym: Future Investment Resources for Sustainable Transportation. It is led by Raleigh Mayor Nancy McFarlane and Ward Nye, president and CEO of Raleigh-based Martin Marietta, which provides stone, gravel, cement and other materials for road and other construction projects.



## **Electric scooters are coming to Durham. What you need to know before they land.**

The Herald-Sun By Shelbi Polk June 7, 2019

Durham is about to join the electric scooter craze.

Four companies, [Bird](#), [Lime](#), [Gotcha](#) and Spin, will be allowed to bring up to 200 electric scooters each to the city starting Thursday, June 13.

"We are pleased that residents and visitors in Durham will have a new transportation option to try. Scooters can provide first- and last-mile connections to transit and serve residents who don't have a car or prefer to drive less," Interim Transportation Director Bill Judge said in a statement.

"Ultimately, this is one way we're working to provide equitable, accessible, multi-modal transportation services that meets the needs of our growing community and consumer demands," Judge said.

The length of the trip and each company's policies will affect the cost of each ride, but Evan Tenenbaum with the city's Department of Transportation says all companies charge \$1 to initially unlock a scooter.

"We should have them throughout the central part of Durham, near downtown, NCCU, Duke, Ninth Street area, east Durham, etc.," Tenenbaum said. "We will have a map on our website sometime next week for locations people can expect to find scooters parked in the mornings."

The Durham City Council began preparing for electric scooters last fall. It approved a permitting process for scooters that eventually will also apply to other methods of transportation, like bicycles and electric bicycles.

The city requires scooter companies to keep 20% of their fleet in areas accessible to low- and moderate-income residents and to provide a payment method that doesn't depend on smart phones or credit cards.

Riders, who must be older than 16 and are encouraged to wear helmets, are not allowed on sidewalks, according to the city's rules.

According to Judge, Durham's recent bike-share pilot program showed demand for alternative ways of getting around the city.

Over 61,000 trips were completed when the program was operating, with riders accumulating over 50,000 miles during the pilot period, according to a news release. The operators, Spin and Lime, removed their bikes earlier this year and are now focused on e-scooters, the release said.

### **WHAT'S NEXT**

The city will hold a demonstration of the new electric scooters Tuesday, June 11, starting at 10 a.m. at the Durham Station Transportation Center, at 515 W. Pettigrew St. downtown.