



## **DCHC MPO Board Meeting Agenda**

Wednesday, October 10, 2018

9:00 AM

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

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

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

**3. Adjustments to the Agenda****4. Public Comments****5. Directives to Staff**[18-100](#)

**Attachments:**      [2018-10-10 \(18-100\) MPO Board Directives to Staff.pdf](#)

**CONSENT AGENDA****6. September 12, 2018 Board Meeting Minutes**[18-178](#)

A copy of the September 12, 2018 Board meeting minutes is enclosed.

**Board Action:** Approve the minutes of the September 12, 2018 Board meeting.

**Attachments:**      [2018-10-10 \(18-178\) MPO Board Meeting Minutes9.12.18 LPA2.pdf](#)

**ACTION ITEMS**

**7. NC 98 Corridor Study (10 minutes)**[18-145](#)**Andy Henry, MPO Staff**

The MPO Board released the draft report of the NC 98 Corridor Study for a minimum 30-day public comment period at their August meeting and conducted a public hearing at their September meeting. Based on comments from the public and the Durham Board of County Commissioners (BOCC), there is one substantive change to the report that was released in August. The Durham County segment of NC 98 will include two options. One option is the original recommendation to have bike lanes and sidewalks. An additional option is a multiuse path on each side of the roadway instead of the bike lanes and sidewalks. Additional text briefly explains the difference in expected local funding impacts between the two options based on the state policy for bicycle and pedestrian facilities.

The approved report will provide projects for inclusion in the MPO's multimodal long-range transportation plans and related local plans as they are updated. The final report is available from the WSP Web site: <http://www.nc98corridor.com/library/>. There are two attachments: a copy of the final public comments; and, a copy of the resolution that the Durham Board of County Commissioners approved -- the resolution addresses the need for the additional multiuse path option.

**TC Action:** Recommend that the DCHC MPO Board approve the NC 98 Corridor Study.

**Board Action:** Review and approve the NC 98 Corridor Study.

**Attachments:**      [2018-10-10 \(18-145\) NC98PublicComments.pdf](#)  
                              [2018-10-10 \(18-145\) NC98-BOCC-Resolution.pdf](#)

**8. NC 54 West Corridor Study (30 minutes)**[18-179](#)**Don Bryson, VHB****Aaron Cain, LPA Staff**

The NC 54 Corridor Study is an in-depth review of the 20+ mile stretch of NC 54 between Old Fayetteville Road in Carrboro and I-85 in Graham. This roadway currently supports about 6,000 to 15,000 vehicles per day, and is expected to see increases in the future due to residential growth in Alamance County and the major employment centers in the Chapel Hill/Carrboro area. DCHC MPO, along with its local government partners and BGMP and TARPO have undertaken this study to develop opportunities and strategies to improve the roadway and support the communities alongside it.

The goal of this study is to develop a long-term vision for this corridor. This vision is comprehensive, as it addresses preservation of the area's character, economic opportunity and vitality, environmental sensitivity, and transportation improvements for all users (drivers, freight, pedestrians, bicyclists, etc.).

The draft study itself is completed, a copy of the study and supporting materials is available at [www.nc54west.com/documents.asp](http://www.nc54west.com/documents.asp). Once released by the Board, the NC 54 Corridor Study will have a 30-day public comment period beginning Monday, October 15, before it is brought to the MPO Board for public hearing and adoption in November.

**TC Action:** Recommended that the Board release the NC 54 West Corridor Study for a 30-day public comment period, and hold a public hearing at its November 14, 2018 meeting.

**Board Action:** Release the NC 54 West Corridor Study for a 30-day public comment period.

**9. Triangle Regional Freight Plan (10 minutes)**[18-170](#)**Andy Henry, LPA Staff**

The MPO Board released the Triangle Regional Freight Plan for a minimum 30-day public comment period at their September meeting. Today, the Board is to conduct a public hearing and provide comments to staff. Approval of the Freight Plan means that the MPO will consider including the Plan's recommendations in the MPO's long-range transportation plans and policies as they are updated. In addition, local governments might want to consider some of the recommendations for their plans, programs and policies.

At the September Board meeting, Board members posed several questions that staff was not able to address. In the interim, staff created the attached document that attempts to address those questions.

The executive summary, full report and appendices of the Triangle Regional Freight Plan and an interactive map of the Strategic Freight Corridor (SFC) are available at this MPO Web page: [www.bit.ly/DCHC-FreightPlan](http://www.bit.ly/DCHC-FreightPlan). The review schedule is as follows:

- \* 9/12 -- Board releases Freight Plan for public comment
- \* 10/10 -- Board conduct public hearing
- \* 10/15 -- Public comment period ends
- \* 11/14 -- Board approves Freight Plan

**TC Action:** Recommended that the DCHC MPO Board release the draft Triangle Regional Freight Plan for public comment.

**Board Action:** Conduct a public hearing for the Triangle Regional Freight Plan and provide comments.

**Attachments:**      [2018-10-10 \(18-170\) Freight Plan Questions.pdf](#)

**10. 2045 Metropolitan Transportation Plan (MTP) -- Amendment #1 (10 minutes)**[18-172](#)**Andy Henry, LPA Staff**

The MPO Board released Amendment #1 to the 2045 MTP at their September meeting. Today, the Board will conduct a public hearing on the amendment and provide feedback to staff. Amendment #1 corrects detailed project information to ensure that there are not any inconsistencies between the 2045 MTP and the FY2018-2027 State Transportation Improvement Program (STIP), and subsequently allow the Air Quality Conformity Determination process to proceed without interruption. These changes do not change the cross-section, costs, construction year or other important design considerations that would impact the project capacity, financial plan or Triangle Regional Model (TRM). The attached document shows the proposed changes in Amendment #1.

The proposed schedule for this amendment includes:

- \* September -- Board release Amendment #1 for a minimum 30-day public comment period
- \* 10/10 -- Board conduct public hearing
- \* 10/16 -- public comment period ends
- \* 11/14 -- Board adopt Amendment #1

At this time, staff is having discussions with oversight agencies, such as the Federal Highway Administration (FHWA), to possibly re-adopt the 2045 MTP in January 2019 to ensure that several Triangle Regional Model (TRM) corrections are assumed in the adopted Plan. Staff will update the MPO Board as the planned re-adoption process is developed. The process would likely include the release of the updated 2045 MTP in November 2018 and the re-adoption in January 2019. It is expected that the updated Plan would have very minor changes to model-related information such as performance measures. There would not be any changes to the substantive portions of the Plan such as project lists and the financial plan. In January 2019, the Board would re-adopt the 2045 MTP and the TRM, and adopt the Air Quality Conformity Determination Report (AQ CDR).

**TC Action:** Recommend that the Board release Amendment #1 for a minimum 30-day public comment period.

**Board Action:** Conduct a public hearing and discuss the status of Amendment #1.

**Attachments:**      [2018-10-10 \(18-172\) 2045MTP-Amendment1.pdf](#)

11. **Quarterly Update on the Durham-Orange Light Rail Transit (D-O LRT) Project (20 minutes)** [18-181](#)

**Geoff Green, GoTriangle**

On April 28, 2017, the DCHC MPO Policy Board adopted the updated Orange County Transit Plan and the Durham County Transit Plan (the “Transit Plans”) as well as the Interlocal Agreement for Cost-Sharing for the Durham-Orange Light Rail Transit (D-O LRT) Project. GoTriangle is presenting its quarterly report on the status of the D-O LRT Project as contemplated in the Transit Plans and the Interlocal Agreement.

**Board Action:** Receive information regarding the status of the Durham-Orange Light Rail Transit Project.

12. **Allocation of Local Input Points for Division Needs Projects (10 minutes)** [18-153](#)

**Aaron Cain, LPA Staff**

On August 8, 2018, the DCHC MPO Board approved the release of the Initial Allocation of Local Input Points for Division Needs Projects for SPOT 5, based on the adopted Methodology. The public input process began on August 22, 2018; a public hearing was held by the MPO Board on September 12, 2018. To date no public comment has been received.

A TC subcommittee met on August 22 and September 18 to develop recommendations for local input points for Division Needs projects. The recommendation of that subcommittee is attached. The only change to the subcommittee recommendation from the version that was brought to the Board at its September meeting is the removal of points from Finley Golf Course Road Bike/Ped and placement of points on the Northern Durham Parkway.

The deadline for submission of local allocation points for Division Needs projects has been delayed to November 29 due to effects from Hurricane Florence. Therefore, LPA staff is delaying the vote on the allocation until the November Board meeting. At that time, LPA staff will request the Board allow for changes to the allocation after adoption due to external factors, such as assignment of points from the Divisions and other MPOs and RPOs, with the consent of the Board Chair and Vice Chair (this was done for Regional Impact projects this summer).

**Board Action:** No action is necessary at this time. This item will be brought to the Board for a vote at its November 14, 2018 meeting.

**Attachments:** [2018-10-10 \(18-153\) Proposed Allocation of Local Input Points for Division Needs](#)

**13. Surface Transportation Block Grant -Direct Attributable (STBG-DA) and Transportation Alternative Program (TAP) Funding Distribution for FY2020 (5 minutes)**

[18-183](#)

**Meg Scully, LPA Staff**

On October 14, 2015, the MPO Board approved the formula and policy to distribute STBG-DA and TAP funds to sub-recipients for fiscal years 2017 through 2025 with the expectation that each year, prior to development of the next year's Unified Planning Work Program (UPWP), the actual STBG-DA and TAP allocation to the DCHC MPO would be entered into the formula as would the most recent certified National Transit Database (NTD) data (to be used in calculating the distribution to transit agencies). Attached is a table with the FY20 STBG-DA and TAP funding available to the MPO and the allocation resulting from the formula. Approval of this allocation will commence the FY20 UPWP development as agencies may choose to use the allocation for planning purposes, and thus must program funds in the FY20 UPWP. The FY20 UPWP development schedule is also attached.

**TC Action:** Recommended the Board approve the FY20 distribution of STBG-DA and TAP funds.

**Board Action:** Approve the FY20 distribution of STBG-DA and TAP funds.

**Attachments:**

[2018-10-10 \(18-183\) 2020 UPWP development schedule.pdf](#)

[2018-10-10 \(18-183\) FY20 STBG and TAP Distribution Table by Agency.pdf](#)



**14. Reprogramming of CMAQ Funds (15 minutes)**[18-177](#)**Aaron Cain, LPA Staff**

The Fixing American's Surface Transportation (FAST) Act, signed into law by President Obama in December 2015, dictates that any unobligated CMAQ or TAP-DA funds that are not obligated by September 30, 2019 be subject to rescission. LPA staff reviewed the current state of CMAQ and TAP-DA funds for DCHC projects and determined that several projects are not likely to be able to obligate CMAQ funds by the rescission deadline. Therefore, working with our local government partners, staff has developed a plan to reprogram CMAQ dollars to projects that can obligate the funds by September 30, 2019. The proposed reprogramming is shown in the attachment.

Projects that would have CMAQ funds reprogrammed to other projects will have future CMAQ funding set aside for them at a time that is more in line with their delivery schedule. Two projects would be cancelled as part of this reprogramming, but those projects would likely be cancelled regardless due to external factors.

LPA staff has determined that the outstanding TAP-DA funds will be obligated before September 30, 2019 for EB-4707A, Old Durham Road Bike/Ped, and EL-4828, Morgan Creek Greenway, and should therefore not be subject to federal rescission.

**TC Action:** Recommend the Board approve the reprogramming of CMAQ funds.

**Board Action:** Adopt the resolution approving the reprogramming of CMAQ funds.

**Attachments:**      [2018-10-10 \(18-177\) Proposed Reprogramming of CMAQ Funds.pdf](#)  
                              [2018-10-10 \(18-177\) CMAQ Application for EB-4707B.pdf](#)  
                              [2018-10-10 \(18-177\) Reprogramming of CMAQ Funds Resolution.pdf](#)

**15. Programming of FY2018-19 Regional Bicycle and Pedestrian Funds**[18-184](#)**(15 minutes)****Aaron Cain, LPA Staff**

Per MPO policy, and the adopted FY18 and FY19 UPWPs, the full amount of the MPO's TAP-DA funds are combined with a portion of the MPO's STBGDA funds to create a pool of funds for regional bicycle and pedestrian projects, which amounts to just over \$1M annually. Since adoption of the current policy, a significant portion of these funds have gone to Old Durham-Chapel Hill Road for construction of bicycle lanes and sidewalks from Garrett Road in Durham to Fordham Boulevard in Chapel Hill (EB-4707 A & B).

The Durham portion of this project is already under construction, and the Chapel Hill portion is set to go to bid for construction later this year. Conversations earlier this year with NCDOT revealed a significant funding gap for completion of the project. LPA staff, in consultation with local government staff, recommends programming the entirety of the Regional Bicycle and Pedestrian fund, \$2.073M, to this project. This funding, in conjunction with additional CMAQ dollars, will expedite completion of the project, and will also allow for the MPO's TAP-DA appropriation to be obligated before the federal rescission deadline of September 30, 2019. The specifics of the amount of funds for each project is shown in the attachment.

The standard TAP-DA application process is not required to program the funds because the TAP-DA funds will be applied to EB-4707 A, which was previously approved for TAP-DA funds.

**TC Action:** Recommended that the Board authorize the programming of Regional Bicycle and Pedestrian Funds for FY2018 and FY2019 to EB-4707 A & B, Old Durham-Chapel Hill Road.

**Board Action:** Adopt the resolution authorizing the use of Regional Bicycle and Pedestrian funds for FY2018 and FY2019 to EB-4707 A & B, Old Durham-Chapel Hill Road.

**Attachments:**[2018-10-10 \(18-184\) Proposed FY2018-19 Regional Bike-Ped Project Funding.](#)[2018-10-10 \(18-184\) FY2018-19 Regional Bike-Ped Resolution.pdf](#)

**16. Amendment #6 to the FY2018-2027 TIP (5 minutes)**[18-173](#)**Aaron Cain, LPA Staff**

This amendment to the FY2018-2027 TIP is comprised of three components:

- Reprogramming of Congestion Mitigation/Air Quality (CMAQ) funds in order to ensure their obligation before September 30, 2019;
- Moving of funds from FY18 to FY19 for those projects that have not obligated their funds in FY18; and
- Several modifications and additions to the STIP as requested by NCDOT.

Amendment #6 does not include projects that, per the DCHC MPO Public Involvement Policy, require a 21-day public comment period. Those projects are included in Amendment #7. The summary sheet, full report, and resolution are attached for your review.

**TC Action:** Recommended approval of Amendment #6 to the FY2018-2027 TIP.

**Board Action:** Approve Amendment #6 to the FY2018-2027 TIP.

**Attachments:**      [2018-10-10 \(18-173\) TIP Amendment #6 Summary Sheet.pdf](#)  
                                 [2018-10-10 \(18-173\) TIP Amendment #6 Full Report.pdf](#)  
                                 [2018-10-10 \(18-173\) TIP Amendment #6 Resolution.pdf](#)

**17. Amendment #7 to the FY2018-2027 TIP (5 minutes)**[18-185](#)**Aaron Cain, LPA Staff**

Amendment #7 to the FY2018-2027 TIP consists of three bike/ped projects, each of which are proposed to receive additional funding to address cost increases:

- C-5179, North Estes Drive
- EB-4707A, Old Durham Road
- EB-4707B, Old Chapel Hill Road

C-5179 is receiving additional CMAQ funding, EB-4707A is receiving a combination of TAP-DA and STBGDA funding from the regional bike/ped set aside, and EB-4707B is receiving CMAQ funding as well as STBGDA funds from the regional bike/ped set aside. This amendment to the TIP programs the entirety of the regional bike/ped set aside for FY18 and FY19.

All three projects are proposed to receive over \$1M through this amendment. Per the DCHC MPO Public Involvement Policy, all three projects will have a 21-day public comment period for this amendment.

The summary sheet, full report, and resolution are attached for your review.

**TC Action:** Recommended that the Board release Amendment #7 to the FY2018-2027 TIP for a 21-day public comment period.

**Board Action:** Release Amendment #7 to the FY2018-2027 TIP for a 21-day public comment period.

**Attachments:**      [2018-10-10 \(18-185\) TIP Amendment #7 Summary Sheet.pdf](#)  
                                 [2018-10-10 \(18-185\) TIP Amendment #7 Full Report.pdf](#)  
                                 [2018-10-10 \(18-185\) TIP Amendment #7 Resolution.pdf](#)

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

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

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

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

**20. Report from LPA Staff** [18-103](#)

Felix Nwoko, LPA Manager

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

Attachments:      [2018-10-10 \(18-103\) LPA staff report.pdf](#)

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

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

Mike Mills (Pat Wilson/Ed Lewis), Division 7 - NCDOT

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

Julie Bogle, Transportation Planning Division - NCDOT

John Grant, Traffic Operations - NCDOT

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

Attachments:      [2018-10-10 \(18-104\) NCDOT Progress Report.pdf](#)

**INFORMATIONAL ITEMS****22. Recent News Articles and Updates** [18-105](#)

Attachments:      [2018-10-10 \(18-105\) news\\_articles.pdf](#)

**Adjourn**

**Next meeting: November 14, 9 a.m., Committee Room**

**Dates of Upcoming Transportation-Related Meetings: Joint MPO Policy Board Meeting, October 31, 2018 , 9-11 a.m. at the RTP Headquarters, 12 Davis Drive, RTP.**

## MPO Board Directives to Staff

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

<b>Meeting Date</b>	<b>Directive</b>	<b>Status</b>
12/9/2015	Quarterly updates on D-O LRT project.	<u>On-going:</u> GoTriangle will provide quarterly updates to MPO Board.
2/15/2016	Draft Letter of Support for D-O LRT project to advance to Engineering Phase for MPO Board Chair signature	<u>Completed:</u> 2/18/2016.
4/13/2016	Research and consider renaming DCHC MPO an acronym that would be easier remember and simple to say.	<u>Completed.</u> 6/8/2016. DCHC MPO staff and the Technical Committee researched and provided a recommendation to the MPO Board.
4/13/2016	Provide the MPO Board with a breakdown of funding for highway program and non-highway program in the MPO TIP.	<u>Completed.</u> DCHC MPO staff created a summary report and distributed it during May 11, 2016 Board meeting.
5/11/2016	Schedule presentation from NCDOT Division and City Public Works regarding flooding on Trenton Road.	<u>Completed.</u> DCHC MPO staff arranged to have an update at the June 8, 2016 Board meeting.
5/11/2016	Prepare a presentation on the breakdown of funding for highway program and non-highway program in the MPO TIP.	<u>Completed.</u> DCHC MPO staff presented the summary report at the June 8, 2016 Board meeting.
6/8/2016	Update the DCHC MPO's tagline on the MPO website to provide information to the public that explains the MPO does regional transportation planning for the western Triangle area.	<u>Underway.</u> DCHC MPO staff is still working on updating the tagline on the MPO website.
6/8/2016	Conduct background study on toll roads and how they are used and affect municipalities like DCHC MPO.	<u>Underway.</u> Consultant will present update at joint MPO Board meeting on October 31, 2018
12/14/2016	Draft letter to NCDOT regarding citizen request for "Bicycles May Use Full Lane" signs on Old NC 86 north of Carrboro, and to reiterate interest in providing bike lanes or wider shoulders to accommodate bicyclists.	<u>Completed.</u> DCHC MPO staff sent letter to NCDOT on January 30, 2017; response received March 15, 2017.
1/11/2017	Draft letter to NCDOT requesting that issues of equity for low-income users be incorporated into planning for managed lanes on I-40 and NC-147.	<u>Completed.</u> Draft completed January 29, 2017.

<b>Meeting Date</b>	<b>Directive</b>	<b>Status</b>
4-28-17	Determine the number of distance signs on freeways within the MPO's jurisdiction. Investigate the options for increasing the number of signs with NCDOT, particularly on and around the East End Connector at its completion.	<u>Completed.</u> MPO staff has found seven distance signs on freeways within the MPO's jurisdiction: four on I-85, one on NC-147, one on US 15-501, and one on I-85/40 in western Orange County. MPO staff has followed up with NCDOT about the opportunity for additional signs along I-40 in Durham and/or Orange counties.
4-28-17	Work with Division 7 to amend the signage plan for the East End Connector to include signs warning motorists about construction before the I-85/40 split.	<u>Completed.</u> MPO staff has contacted Division 7 regarding this request. Once project is completed, signage plan will be finalized.
5-10-17	Have someone from NCDOT present to the MPO Board on synchronized/super streets.	<u>Completed.</u> Jim Dunlop of NCDOT's Congestion Management Division presented at the August 2017 MPO Board meeting.
9-13-17	Request for staff to give a presentation on the STI framework, focusing on what provisions are directly by federal legislation, by state legislation, and those that are department policy. Invite new Deputy Secretary Julie White to meet and discuss NCDOT policy regarding prioritization with the Board.	<u>Completed.</u> LPA staff presented at the November 8, 2017 Board meeting. Deputy Secretary Julie White 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>Underway.</u> LPA staff is coordinating efforts with local transit providers and staff. Staff expects to present progress in November.
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.
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>Underway.</u> Staff will bring a proposal for reprogramming of CMAQ and TAP-DA funds to the MPO Board at its October meeting.

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION BOARD****12 September 2018****MINUTES OF MEETING**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board met on September 12, 2018, at 9:00 a.m. in the City Council Committee Room, located on the second floor of Durham City Hall. The following people were in attendance:

Damon Seils (MPO Board Chair)	Town of Carrboro
Wendy Jacobs (MPO Board Vice Chair)	Durham County
Vernetta Alston (Member)	City of Durham
Charlie Reese (Member)	City of Durham
Ellen Reckhow (Member)	GoTriangle
Jenn Weaver (Member)	Town of Hillsborough
Karen Howard (Member)	Chatham County
Lydia Lavelle (Alternate)	Town of Chapel Hill
Michael Parker (Alternate)	Town of Chapel Hill
Mark Marcoplos (Alternate)	Orange County
David Keilson	NCDOT, Division 5
Richard Hancock	NCDOT, Division 5
Patrick Wilson	NCDOT, Division 7
Bryan Kluchar	NCDOT, Division 8
Julie Bogle	NCDOT, TPD
Tina Moon	Town of Carrboro
Zach Hallock	Town of Carrboro
Bergen Watterson	Town of Chapel Hill
Geoff Green	GoTriangle
Scott Whiteman	Durham County
Nishith Trivedi	Orange County
Terry Bellamy	DCHC MPO
Felix Nwoko	DCHC MPO
Andy Henry	DCHC MPO
Meg Scully	DCHC MPO
Aaron Cain	DCHC MPO
Brian Rhodes	DCHC MPO
Robert Jahn	DCHC MPO
Ellen Beckmann	City of Durham Transportation
Bill Judge	City of Durham Transportation
Eddie Dancausse	FHWA
Phil Post	Durham Resident, The Oaks HOA
Mark Hazelrigg	Durham Resident, Patterson Rd

Quorum Count: 9 of 10 Voting Members



Chair Damon Seils called the meeting to order at 9:04 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.

Michael Parker made a motion to excuse Mayor Pam Hemminger from attendance of the MPO Board Meeting. Vernetta Alston seconded the motion. The motion passed unanimously.

#### **PRELIMINARIES:**

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

Michael Parker 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 Agenda Item added as, "Item 16 described as Authorize Durham City Manager on behalf of DCHC MPO to enter into agreement with North Carolina Department of Transportation (NCDOT) for the Metropolitan Planning Program Grant (Section 5303)," which is detailed below. The previous Item 16 will now be referred to as Item 16a.

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

There were no public comments.

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

The Directives to Staff were included in the Agenda packet for review. Chair Damon Seils and Aaron Cain discussed MPO staff developing a rescission strategy. Aaron Cain added that he will add it to

the Directives to Staff for the next MPO Board Meeting after discussing it with the Technical Committee (TC).

**CONSENT AGENDA:**

**6. Approval of August 18, 2018, Meeting Minutes**

**7. Resolution to Request Transfer of Federal Highway Administration (FHWA) Funds to Federal Transportation Agency (FTA)**

Ellen Reckhow made a motion to approve the two items included in the Consent Agenda.

Michael Parker seconded the motion. The motion passed unanimously.

**ACTION ITEMS:**

**8. NC 98 Corridor Study  
Andy Henry, MPO Staff**

Andy Henry stated that the MPO Board released the draft report of the NC 98 Corridor Study for a minimum 30-day public comment period on August 8. Andy Henry reported that some MPO Board members at the August MPO Board Meeting were concerned that the public involvement was not sufficiently long, therefore the TC recommended extending the final date for the comment period from September 6 to the proposed September 19. Andy Henry added that the approval of the final NC 98 Corridor Study report is scheduled to occur at the MPO Board meeting on October 8. Andy Henry added that the Durham Board of County Commissioners asked to be given a resolution for the multiuse path option for the Durham section of NC 98. Chair Damon Seils opened a public hearing for the NC 98 Corridor study. There was no comment from the public. Chair Damon Seils closed the public hearing.

Michael Parker made a motion to extend the public comment period to September 19 and final MPO Board approval to the October MPO Board meeting. Ellen Reckhow seconded the motion. The motion passed unanimously.

**9. Air Quality Conformity Determination Report  
Andy Henry, MPO Staff**

Andy Henry stated that the ruling in a recent court case made it necessary that the MPO continue to complete the Air Quality Conformity Determination Report (AQ-CDR) to demonstrate that the area's transportation sector continues to be designated as "in attainment." Andy Henry continued that the AQ-CDR was drafted, and the emissions information is projected to be completed by early October. Andy Henry stated the TC recommended that the MPO Board grant authorization to staff to release the draft AQ-CDR at the time of completion. Andy Henry also added that the AQ-CDR is a Regional document, and Capitol Area Metropolitan Planning Organization (CAMPO) and Burlington-Graham Metropolitan Planning Organization (BG MPO) will also approve the document.

Ellen Reckhow made a motion to authorize staff to release the AQ-CDR for a minimum 30-day public comment period as soon as the report is ready. Vernetta Alston seconded the motion. The motion passed unanimously.

**10. 2045 Metropolitan Transportation Plan (MTP) -- Amendment #1**  
**Andy Henry, LPA Staff**

Andy Henry stated that federal and state oversight agencies reviewed the 2045 Metropolitan Transportation Plan (MTP) and the FY2018-27 State Transportation Improvement Program (STIP) and found inconsistencies between the two documents, which resulted in the need to amend the 2045 MTP so that it matched the information found in the FY2018-2027 STIP. Andy Henry added that the changes are minor, and the projects therein were not modified or altered.

Andy Henry stated that the required 30-day public comment period, which would be scheduled to end on the October 16. Andy Henry also mentioned conducting a public hearing at the next MPO Board Meeting on October 10, and the MPO Board would adopt the Amendment #1 at the following MPO Board Meeting on November 14.

Michael Parker made a motion to review Amendment #1 to the 2045 MTP, provide comments, and release Amendment #1 for a minimums 30-day public comment period. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

**11. Release of Final Scores for Regional Impact Projects****Aaron Cain, LPA Staff**

Aaron Cain stated that NCDOT released the final scores for Regional Impact projects for Strategic Planning Office of Transportation (SPOT) 5. Aaron Cain related that the final score is comprised from 70% of the NCDOT's quantitative score; 15% from the DCHC MPO points; and 15% comes from Division points. Aaron Cain continued that the DCHC projects that scored well enough to be funded are: the Durham-Orange Light Rail (D-O LRT) project; NC 55 third southbound lane and bike/ped improvements from Meridian Parkway to I-40; and US 15-501 from the NC 54 interchange to Ephesus Church Road. Aaron Cain added that none of the three projects are programmed for the first five years of the STIP, so they must be scored again in SPOT 6. Aaron Cain also mentioned that \$190M was designated for D-O LRT in total, \$154 from Division 5 and \$36M from Division 7.

There was discussion about the prioritization of the D-O LRT project. Aaron Cain stated that there were already many projects in the first five years of SPOT 5, and that it would be necessary to move one of those projects back in order to move D-O LRT forward in priority. Chair Damon Seils and Aaron Cain agreed that MPO and DOT staff should convene and make their recommendations about which committed project would move toward the latter part of the SPOT 5.

Michael Parker stated that the required work on other projects might make the impacts on 15-501 worse without any further improvements. Aaron Cain responded that the impacts of 15-501 could be mitigated by future projects, and he planned to discuss this issue with NCDOT.

Aaron Cain listed the five projects that are in the current STIP, but upon rescoring will not be in the FY2020-2029 STIP: (1) P-5716, Grade separation of NCRR at West Ellis Drive in Durham; (2) P-5728, Grade separation of NCRR at Neal Road in Durham; (3) U-5720 C&D, US 70 from South Miami to Alexander Drive in Durham and Wake counties; (4) U5774 H, NC 54 from NC 751 to Fayetteville Road in Durham; and (5) U-6071, NC 54/Old Fayetteville Road intersection in Carrboro. Aaron Cain mentioned that (1) P-5716 was the second highest scoring non-highway project in the state at the Regional level,

but will need to be resubmitted. Aaron Cain continued that (2) P-5728 did not score well at neither the Division nor the Regional tier. Aaron Cain added that (3) U-5720 C&D was the highest scoring highway project in the state that did not get funding and will remain a sibling project, and he added that this project could be submitted as a Build NC candidate. Aaron Cain stated that (4) U-5774 H did not score well. Aaron Cain stated that (5) U-6071 would score well at the Division level, and could stay in the STIP at that tier.

Charlie Reese asked if the projects that did not rescore well were a result of a policy change that needed to be addressed or corrected by the MPO Board. Aaron Cain responded that the scoring rubric changes for each quantitative score in the respective SPOT cycle.

There was no action required by the MPO Board.

## **12. Allocation of Local Input Points for Division Needs Projects**

**Aaron Cain, LPA Staff**

Aaron Cain stated that on August 8, 2018, the DCHC MPO Board approved the release of the Initial Allocation of Local Input Points for Division Needs Projects for SPOT 5, based on the adopted Methodology. Aaron Cain added that the public input process began on August 22. Aaron Cain stated that the TC has provided an initial set of recommendations for allocation of Local input points for Division Needs projects per the MPO Board's request.

Aaron Cain stated that the recommendations are based on staff analysis and discussions at the August 22 TC subcommittee meeting. Aaron Cain added that there is a possibility for the initial recommendations to change. Aaron Cain stated that staff and the TC have more information of funding possibilities at the Division Needs level because the scores from the Regional Impact scoring process have recently been released. Aaron Cain added that he will continue to work with neighboring MPOs to allocate points to maximize viability. Aaron Cain continued that LPA staff will continue to work with NCDOT to get the most up-to-date data on funding availability at the Division level.

Aaron Cain stated that a TC subcommittee meeting will be held to finalize the recommendation to the TC and the MPO Board. Aaron Cain added that the MPO Board is not scheduled to take action on Division points until its meeting on October 10. The deadline for submittal of local input points for Division Needs projects is November 2. Aaron Cain requested that the MPO Board allow staff to alter the points allocation pending the release of point allocation list by the neighboring MPOs and pending approval by the MPO Chair Damon Seils and Vice Chair Wendy Jacobs.

Ellen Reckhow asked about the location of the Sandy Creek Trail project. Ellen Beckmann responded that it would go north from Pickett Road, run parallel to Cornwallis Road, and finish to the east of the Al Buehler trail. Ellen Beckmann added that it is a priority of the Durham Department of Parks and Recreation.

Charlie Reese asked about the American Tobacco Trail Tunnel project. Ellen Beckmann responded that it will be a trail that links the Belt Line to the American Tobacco Trail, but the conceptual design will likely be altered originating from design changes in the D-O LRT.

Vice Chair Wendy Jacobs raised concern about how certain projects would relate to the D-O LRT project. Vice Chair Wendy Jacobs asked how bicycle and pedestrian facilities and multiuse trails were considered. Aaron Cain and Tina Moon answered that the determining factors included cost, engineering, scoring, and available right-of-way.

Ellen Reckhow asked if there was any developer participation on the intersection at Hillandale Road and Horton Road. Bill Judge responded that the developer was unwilling to assist with the proposed roundabout, but the developer was required to perform a traffic impact analysis. Ellen Reckhow also addressed the issue of safety and unsightliness of recently completed roundabouts. Ellen Reckhow, Bill Judge, and Richard Hancock discussed adding landscaping to the center of the roundabouts in order to make the islands more visible and eliminate public eyesores.

**13. Triangle Regional Freight Plan**  
**Andy Henry, LPA Staff**

199           Andy Henry stated that, in 2015, the DCHC MPO, CAMPO, and NCDOT partnered to hire a  
200 consultant, WSP, to complete the first freight plan for the Triangle. Andy Henry added that the study  
201 team provided updates to the TC and MPO Board, and the draft Triangle Regional Freight Plan report  
202 is now completed. Andy Henry continued that the purpose of the Freight Plan was to determine  
203 policy and investment, and it would be based on the 2045 MTP goals. Andy Henry stated that there  
204 was a regional freight advisory committee that met several times during the Freight Plan survey.  
205 Andy Henry stated that current freight inventory and trends were examined. Andy Henry stated that  
206 the freight industry wanted to avoid low bridges.

207           Andy Henry stated that the freight plan identified 24 project recommendations at a total cost  
208 of \$2.2B. Andy Henry also added that most of these projects are already listed in the 2045 MTP, CTP,  
209 or Transportation Improvement Program (TIP). Andy Henry also added that grade crossings and the  
210 support of GoTriangle passenger rail would benefit the freight industry.

211           Andy Henry stated that there were many freight-intensive industries in the Triangle,  
212 including; retail, manufacturing, construction and wholesale. Andy Henry added that one-third of the  
213 gross regional product in North Carolina is related to freight. Andy Henry indicated the key freight  
214 cluster areas. Andy Henry stated that the freight industry requested to have facilities closer to where  
215 they are needed. Andy Henry addressed another recommendation which is to adopt roadway design  
216 standards that are more adequate for heavy truck traffic. Andy Henry concluded that the approval of  
217 the Freight Plan means that the MPO Board will consider including the Plan's recommendations in  
218 the MPO's long-range transportation plans and policies.

219           Chair Damon Seils and Andy Henry discussed that the Rail Division of the NCDOT was  
220 involved in this project. Mark Marcoplos asked about future economic development areas. Andy  
221 Henry replied that a land use model was used, which was incorporated by the consultant. Vice Chair  
222 Wendy Jacobs asked about how future technology would be incorporated into the Freight Plan. Andy

Henry stated that self-driving vehicles were not included in this plan, however, electronic variable message signs were mentioned. Vice Chair Wendy Jacobs and Andy Henry discussed safety elements in the Freight Plan. Ellen Reckhow asked about the rate of growth of freight in the Triangle. Andy Henry responded that he did not have the growth rate, but home delivery and technology were the two biggest areas for growth. Jenn Weaver asked about the pipeline's effect on the Freight Plan. Michael Parker asked about issues of natural disaster resiliency in the Freight Plan. Chair Damon Seils and Andy Henry discussed the planning aspects around the same corridors used for light rail and freight rail, especially in Downtown Durham. Andy Henry stated that the Freight Plan does not address cross section issues, but it does address grade crossings and crossing improvements.

Michael Parker made a motion to release the draft Triangle Regional Freight Plan for public comment. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

**14. Comprehensive Transportation Plan (CTP) Amendment #1**  
**Andy Henry, LPA Staff**

Andy Henry stated that, at their May meeting, the MPO Board released an amendment to the CTP to change the proposed future configuration of the portion of Farrington Road between Southwest Durham Drive and the Falconbridge Road Extension from a four-lane divided to a two-lane cross-section. Andy Henry stated that the MPO Board conducted a public hearing at their June meeting and the TC supported the designation of a two-lane divided cross-section with bicycle and pedestrian facilities. Andy Henry continued that the two-lane divided cross section would provide greater vehicle capacity than a simple two-lane section and can be built within a less intrusive 80-foot right-of-way.

Andy Henry added that a meeting was conducted with a local resident who proposed keeping the planned four-lane divided roadway. Andy Henry continued that staff recommendation remains to call for the two-lane divided cross-section because the Farrington Road along with Southwest Durham Drive will provide adequate vehicle capacity and the two-lane sections are more appropriate for the adjacent neighborhoods. Andy Henry continued that both of the roadways would provide 36K in total



249 capacity, which would be more than the projected 31K daily trips. Michael Parker and Andy Henry  
250 discussed the feasibility of Southwest Durham Drive being able to attract drivers away from Farrington  
251 Drive.

252 Andy Henry stated that the Regional Operation Maintenance Facility (ROMF) for the D-O LRT is  
253 between I-40 and Farrington Road. Vice Chair Wendy Jacobs and Andy Henry discussed that the decision  
254 to choose between a multiuse pathway or a sidewalk and bike lanes will be decided when funding is  
255 identified. Ellen Reckhow and Andy Henry discussed the roads associated with the Park and Ride station  
256 that would need to be built by GoTriangle.

257 Phil Post, a Durham resident and representative of a nearby homeowners association, spoke  
258 about his concerns in making the section of Farrington Road into a two-lane cross section. Phil Post  
259 stated that the projections of future traffic were not consistent with the rate of development he had  
260 witnessed in the area. Phil Post also stated that there were concerns over this roadways section and  
261 diminished the right-of-way and ability to be considered a complete street. Phil Post also discussed the  
262 need to better plan for the future development of this roadway.

263 Geoff Green stated that the design was limited by right-of-way constraints due to the D-O LRT  
264 tracks and the ROMF. Geoff Green also stated that the nearby residents of the proposed ROMF  
265 preferred to maintain the character of the neighborhood by making it as hidden as possible. Geoff Green  
266 continued that the right-of-way constraints included the flexibility to add an additional lane to I-40 if  
267 needed. Geoff Green added that having two two-lane roadways for drivers to choose from would  
268 increase resiliency of the traffic grid. Geoff Green confirmed that the traffic projections were not near  
269 what Phil Post mentioned in his statements.

270 Ellen Reckhow restated her commitment to a two-lane divided roadway, also due to the  
271 possibility of the bicycle and pedestrian facilities being more used along a two-lane divided roadway.  
272 Vice Chair Wendy Jacobs also reiterated her support for a two-lane divided roadway from a multimodal

perspective in order to elicit bicycle and pedestrian use. Phil Post asked about the likelihood of Southwest Durham Drive being built. Andy Henry responded that there is a plan to get both roads funded. Vice Chair Wendy Jacobs and Ellen Reckhow discussed funding options for both roadways.

Ellen Reckhow made a motion to adopt Amendment #1 to the CTP. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

**15. Update of the Coordinated Public Transit-Human Services Transportation Plan (CTP)**

**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 receives under \$250K per year to be distributed among eligible sub-recipients. Meg Scully continued that transit law requires that projects funded through this program be derived from a locally developed, coordinated public transit-human services transportation plan (CTP) that must be updated every five years. Meg Scully added that current CTP for the DCHC MPO region was approved by the MPO Board in January, 2014, and LPA staff is now in the process of preparing an updated plan. Meg Scully stated that development of a CTP must involve seniors, individuals with disabilities, representatives of transportation and human services providers, and other members of the public. Meg Scully described that the CTP elements include: an assessment of available services; an assessment of transportation needs; strategies or projects to address the gaps in service; and priorities for implementation based on resources available.

Meg Scully stated that, in order to identify needs and prioritize projects, two workshops will be held in the MPO region: September 18 at the Chapel Hill Seymour Center and September 20 at the Durham County Cooperative Extension. Meg Scully concluded that the workshops will be followed by development of the final plan and approval by the MPO Board.

There was no action required by the MPO Board.

**16. Authorize Durham city Manager on behalf of DCHC MPO to enter into agreement with North Carolina Department of Transportation (NCDOT) for Metropolitan Planning Program Grant (Section 5303)**

**Meg Scully, LPA Staff**

Meg Scully stated that the Metropolitan Planning Program Grant, Section 5303, scope and budget for FY19 were approved by the MPO Board as part of the FY19 Unified Planning Work Program (UPWP) on February 14, 2018. The Durham City Manager, on behalf of the DCHC MPO, is the contractor's authorized representative for the agreement between NCDOT and then City of Durham. Meg Scully added that the MPO must authorize the City Manager to enter into agreement with the NCDOT.

Michael Parker made a motion to authorize the Durham City Manager to enter into agreement with NCDOT. Vernetta Alston seconded the motion. The motion passed unanimously.

**16a. Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310) Grant - FFY17 and FFY18 Program of Projects**  
**Meg Scully, LPA Staff**

Meg Scully stated that The Enhanced Mobility of Seniors and Individuals with Disabilities program (Section 5310) provides funds to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation mobility options. Meg Scully continued that DCHC MPO is the Designated Recipient of the funds for the Durham Urbanized Area (UZA) and distributes the funds to eligible sub-recipients through a competitive selection process every other year. Meg Scully stated that applications for funding were reviewed by a subcommittee, and the recommended Program of Projects (PoP) is attached. Meg Scully stated the selected projects were; Chapel Hill EZ Rider Senior Shuttle, GoDurham Access, Durham County Access, and Orange County Mobility Management program. Meg Scully added that the cost savings from the DCHC MPO administrative costs for this year will allow for a new project with Chapel Hill Transit. Meg Scully concluded that LPA staff will begin the grant application process once the PoP is approved by the MPO Board.

Karen Howard made a motion to approve the proposed PoP. Michael Parker seconded the motion. The motion passed unanimously.

**17. Amendment #5 to the FY2018-2027 TIP**  
**Aaron Cain, LPA Staff**

Aaron Cain stated that Amendment #5 adds to the FY2018-2027 TIP various projects from the 5310 program in FY19.

Ellen Reckhow made a motion to approve Amendment #5 to the FY2018-2017 TIP. Vice Chair Wendy Jacobs seconded the motion. The motion passed unanimously.

**REPORTS:**

**17. Report from the Board Chair**  
**Damon Seils, Board Chair**

Chair Damon Seils announced that the next Joint MPO Board meeting will be on October 31, at 9a.m. at RTP Headquarters. Chair Damon Seils added that the agenda will focus on policy. Chair Damon Seils also added that he will not be able to attend the meeting, and Vice Chair Wendy Jacobs will lead the meeting for the DCHC MPO.

**18. Report from the Technical Committee Chair**  
**Ellen Beckmann, TC Chair**

Ellen Beckmann discussed a recent article that was circulated regarding states' loss of Transportation Alternatives Programs (TAP) funds. Ellen Beckmann stated that the MPO is in the process of obligating \$7.6M worth of TAP funding for the Durham Beltway project, which will decrease the amount of federal rescission for North Carolina. Ellen Reckhow added that the amount of time between award and expenditure has been shortened, therefore it is important to quickly obligate TAP funding.

**19. Report from LPA Staff**  
**Felix Nwoko, LPA Manager**

Meg Scully stated that the Annual Report for FY2018 is now on the MPO website at [www.DCHCMPO.org](http://www.DCHCMPO.org). Geoff Green discussed the schedule for public outreach for the short term plans

of GoTriangle, Chapel Hill Transit, and Orange Public Transit. Geoff Green discussed that the public outreach schedule could be impacted by Hurricane Florence, and GoTriangle is implementing different strategies to increase public turnout.

## **20. NCDOT Report**

Richard Hancock, NCDOT Division 5, stated that the comment period for the Division tier input points is from October 3-16. Richard Hancock stated that Division 5 also released Regional input points. Richard Hancock stated that the Old Chapel Hill Road project is scheduled to be completed in May 2019. Richard Hancock stated that currently pedestrian fence is being installed along I-40. Richard Hancock also stated that concrete is ready to be poured on the northbound lands on the East End Connector project. Richard Hancock also stated that the ramp on I-70 westbound to NC 98 is scheduled to reopen. Lydia Lavelle and Richard Hancock discussed that there was a fabrication issue with the girders on the bridge for the Cornwallis Road Project, and it is scheduled to be open within the next few weeks. Ellen Beckmann and Richard Hancock discussed the Roxboro Road / Latta Road / Infinity Road project. Richard Hancock shared that the design alternatives are ongoing and a final determination is planned to be made within the following weeks.

Patrick Wilson, NCDOT Division 7, stated that there will be a public drop-in period for comment on the Division level point allocation from September 24-28. Patrick Wilson also commented that the roundabout in Carrboro at Estes Road and North Greensboro Street will need to be rebid for a third time, which will also require analysis from contractors to determine the reason for the relatively high bids. Patrick Wilson also stated that the roundabout at West Franklin Street and Merritt Mill Road is currently in the plan finalization stage, and is planned to be under contract by October 2018. Patrick Wilson also stated that the project is planned to be completed before ~~f~~Fall 2019. Patrick Wilson also stated that he plans to discuss recent developments with the Town of Carrboro officials and staff.

Bryan Kluchar, Division 8 stated that the public comment period for Period 5 is between September 24 and October 5.

Julie Bogle, NCDOT Transportation Planning Division (TPD), stated that the TPD recently receive the full notice to proceed with the Statewide Plan. Julie Bogle also mentioned that the strategic transportation corridor studies recently temporarily worked across the development to reevaluate the scope.

There was no report from NCDOT Traffic Operations.

**INFORMATIONAL ITEMS:**

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

No informational items were discussed.

**ADJOURNMENT:**

There being no further business before the DCHC MPO Board, the meeting was adjourned at 11:12 a.m.

# NC 98 Corridor Study

## Final Public Comments (9/19/2018)

MPO Board 10/10/2018 Item 7

Submission		
Date	Contact Info	Notes
7/27/2018	ericpulvino@gmail.com	Would really like to see some sidewalks and bikelanes on the 98. It is a wonderful long stretch of road that is only useful for cars. It cannot even be walked upon as doing so would require courage unlike any possessed by mortal men.
8/10/2018	Mdcinforequests@yahoo.com	Newspaper
8/11/2018	tnjspencer@hotmail.com	PLEASE put a stoplight in ASAP at the corner of Camp Kanata Road and 98!! For the residents living off Camp Kanata, this intersection is nightmare - and a death trap! There are more neighborhoods being built along Camp Kanata which is only going to make it worse. Sometimes we sit on Camp Kanata, trying to turn left onto 98 for 10+ minutes. WE NEED A LIGHT!!! Thank you in advance, Jodi Spencer
8/11/2018	noonystock@aol.com	Hello, I am building a new home in Waterstone Reserve off Camp Kanata. I am very concerned for my safety at the intersection of Camp Kanata and 98. Making a left turn onto 98 from Camp Kanata is nearly impossible at peak times because of 98 traffic volume in both directions. Please, please, please consider adding a traffic light at this dangerous intersection. Thank you.
8/12/2018	lesleyjg@gmail.com	I turn left from camp kanata onto 98 to take my kids to school and pick them up during peak rush hour everyday. I am okay with waiting but there have been times when I can be at the stop sign for 10 minutes. More than the time I wait, I feel that I have to gun my car when I have the slightest opportunity to get in. There have been multiple accidents in the intersection on 98 and camp kanata in the few months I have lived here and I only see this getting worse as more communities continue to come in along this road. I urge you to come and try to take a left from camp kanata onto 98 any day of the week between 7-8 am or 5-6 pml hope your team will consider getting a traffic light at this intersection. It would be great even if it was only working during those times. Thanks!
8/12/2018	Pepmailnow@earthlink.net	Please consider adding a shoulder to reduce accidents. Also there are numerous fisherman who park in the dark, late at night or early morning to access Falls Lake. A pull off with parking would make this much safer. Thank you
8/13/2018	kpwrhart9@aol.com	I read the article in the News and Observer. I totally agree about the four way stop sign on 98 and Moores Pond Rd. You can't hardly cross over 98 onto Moores Pond Rd. especially now with the circle at 98 and 96 hwy. There are way to many accidents happening at the crossroad.

# NC 98 Corridor Study

## Final Public Comments (9/19/2018)

MPO Board 10/10/2018 Item 7

Submission		
Date	Contact Info	Notes
8/13/2018	susanbreis@gmail.com	Feel there is a need for a stop light at the intersection of 98 and Camp Kanata Road. That is a very busy intersection and difficult to maneuver, either coming onto 98 or exited from 98. If stop light not option then that intersection needs to be redone - minimum is to remove the island on Camp Kanata and add turn lane on 98
8/13/2018	rkeith@rkk.com	<p>I live on NC 98 near the Stony Hill Intersection. Do you know at this point if the proposed section will be curb and gutter or shoulders? Do you know what design speed you envision for the four laned section in our area? I am assuming it will not be controlled access. Thanks for any information you could provide me. [Response from Will Letchworth: Thanks for your email. At Stony Hill NC 98 is shown in our plan as a 4-lane median divided shoulder section roadway with a 60 mph design speed. It will not be control of access. See the following link for the conceptual designs of the corridor which will give you a better idea of what is planned in the immediate vicinity of Stony Hill Road.]</p> <p><a href="http://nc98corridor.com/pdfs/nc%2098%20corridor%20study%20report_appendix_%20080618.pdf">http://nc98corridor.com/pdfs/nc%2098%20corridor%20study%20report_appendix_%20080618.pdf</a></p>
	rkeith@rkk.com	<p>Just a thought, but will that be posted 55? Seems kind of dangerous for those of us with driveways trying to turn in or get out with two lanes of traffic moving at those speeds. Do you know what year this is scheduled to be let? Thanks for your help. [Response from Will Letchworth: It would be. We did our conceptual design based on 60mph, but don't really have a recommendation that it be posted 55. Once the project goes through the environmental documentation process the design criteria will be set, which could call for a lower design speed to further minimize construction impacts. We wanted to show the "worst case" to set an upper limit on the construction cost estimates, ROW impacts, and environmental impacts. There is no current schedule for letting, the project is going through NCDOT's prioritization process at this time.]</p>
7/29/2018	Tweet: Wizard Mom@WizardParenting	Several studies have found that simply adding MORE lanes won't alleviate traffic. It just causes more congestion. We need to encourage other forms of transport - bike lanes and sidewalks. Jul 29, 2018
7/27/2018	Tweet: Eric Pulvino@EricPulvino	Sidewalks and bike lanes are needed badly on NC 98. Adding more lanes is one option but giving people options other than cars is important too



# NC 98 Corridor Study

## Final Public Comments (9/19/2018)

MPO Board 10/10/2018 Item 7

Submission		
Date	Contact Info	Notes
8/11/2018	Tweet: Oaks and Spokes@OaksAndSpokes	Hey @CapitalAreaMPO / @DCHCMPO. Serious q - would you [bike] on this stretch of highway? Would you let your kids? Unless we want system to be [vehicle]only, we've got to start building for something other than [vehicles] only. <a href="https://www.heraldsun.com/news/traffic/article216306530.html">https://www.heraldsun.com/news/traffic/article216306530.html</a> ...
8/12/2018	Tweet: Brenton Leanhardt@brentonson	98 would be another idea location for a dedicated bike/active transportation highway. It's a shame there's no enjoyable or practical way to ride from Wake Forest to Durham during rush hour. Whatever they build for cars will be saturated in 2-5 years.
8/11/2018	Tweet: Don Kostelec@KostelecPlan	Had a project experience in Asheville where NCDOT proposed something similar. It became clear that they really want shoulders along the outside lanes like shown here. They then just call/mark them bike lanes to attempt to silence critics, but that space is there to serve cars.
8/12/2018	Tweet: Oaks and Spokes@OaksAndSpokes	It's pretty disheartening to consistently see get more "buffer" and protection from traffic than humans. It's time to get serious about mobility options. This rendering reinforces that cars are the only mode that's considered when planning our infrastructure
8/11/2018	Tweet: Raleigh Cyclist@CyclistRaleigh	What's odd is that they saw the need to separate the opposite direction traffic with a grassy median and yet abandoned that logic in regards to the bike lanes. You could cut the bike lanes on the ends and stick them in the median so that cars and cyclists would be separated.
Unknown	Tweet: Oaks and Spokes@OaksAndSpokes	Tweet asked why the 5-foot bike lane space could not be added to the sidewalk to create a pedestrian/bike side path. The ROW would be the same.

# NC 98 Corridor Study

## Final Public Comments (9/19/2018)

MPO Board 10/10/2018 Item 7

Submission		
Date	Contact Info	Notes
8/14/2018	khime@aol.com	Hello. I will be moving to the above address in Waterstone Reserve by the end of the year. I am currently building a home there, so I visit the site every day. I have found the intersection of Rt 98 and Camp Kanata Rd extremely dangerous, especially during rush hours. Sometimes the wait to get out onto Rt 98 east bound from Camp Kanata is upwards of six minutes or more. I have seen people take unsafe chances on entering the highway going east bound. There have already been a number of accidents there and I hope we don't have to wait until someone is killed to take this matter seriously. I hope this intersection will be improved in the near future and will include lane widening, a traffic light, and improvements to and widening of Camp Kanata Rd, too. This is an extremely dangerous and highly used intersection and with the new building developments going up along and north of Camp Kanata, the volume of traffic will only increase and the situation will only get worse. Thank you.
Not available	Gypzieflik@gmail.com	This is a very thorough plan, I'm quite impressed. I believe we need improved East-West access much more than further expanding Falls of Neuse, again. I'd like to put in a vote to improve 98, all the way across, as the first priority and consider expanding Six Forks north of 540 before making FoN a 6 lane highway crossing thru 2 watersheds, which is ridiculous. Thanks for your consideration.
9/2/2018	hj.marshall@yahoo.com	at what is start date is expected 4 lane from old falls of Neuse to hwy 50
9/2/2018	hannah.stallkamp@gmail.com	I would like to see protected bike-priority routes along the Rt. 98 corridor as a means to increase bicycle ridership. When people feel safe biking, they are more likely to use this mode of transportation, which can help ease congestion, aid in reducing our environmental footprint, and add to the overall health of our community.
9/6/2018	allison.shauger@gmail.com	The study claims to be concerned with the crash rate but is adding more lanes. This will almost certainly encourage speeding and increase crash rates. In any case, we need PROTECTED bike lanes. If you go the route of multi-use paths, I recommend and request wide multi-use paths. Wide enough for many different types of non-vehicle traffic.

**DURHAM COUNTY  
RESOLUTION IN SUPPORT OF A SEPARATED MULTI-USE PATH ALONG NC 98 IN  
DURHAM COUNTY**

- WHEREAS,** the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization, along with partner municipalities, have actively worked to develop a Comprehensive Transportation Plan for the Durham-Chapel Hill-Carrboro MPO; and
- WHEREAS,** the MPO and the North Carolina Department of Transportation (NCDOT) are directed by North Carolina General Statutes 136-66.2 to reach agreement for a transportation system that will serve present and anticipated travel demand in the MPO; and
- WHEREAS,** it is recognized that the proper movement and variety of transportation modes within and through the MPO planning area are a highly desirable element of the plan for the orderly growth and development of the MPO; and
- WHEREAS,** it is recognized that elements of the Comprehensive Transportation Plan involve coordination with other MPOs in the state for regional transportation projects, such as the North Carolina (NC) 98 Corridor; and
- WHEREAS,** after full study of the NC 98 Corridor, the supporting documents presented to the public, and following a public input process that included multiple stakeholder and public workshops, several pop-up events, social media engagement, and a public hearing, the MPO Board feels it to be in the best interest of the MPO to emphasize any regional transportation corridors or projects which are pursuant to General Statutes 136-66.2; and
- WHEREAS,** the NC 98 Corridor Plan, recommends either sidewalks and bicycle lanes or a multi-use path along the portion of the corridor within Durham County, as alternative or coexisting options, to connect nearby neighborhoods, to be designed with user safety in mind, for all ages and users, and to encourage the use of the corridor for active transportation; and
- WHEREAS,** many public schools, neighborhood retail, a County library, and other community attractions fall along this corridor within the County and carry with them a significant amount of foot traffic; and
- WHEREAS,** both of the MPO's long-range plans, the 2045 Comprehensive Transportation Plan and the 2045 Metropolitan Transportation Plan, have identified the NC 98 Corridor as a location for bicycle and pedestrian facilities; and
- WHEREAS,** the MPO and NCDOT both have initiatives to develop transportation security and safety plans to improve transit, pedestrian, bicyclist, and highway safety in the DCHC MPO planning area, including development of Complete Streets projects and participation in Vision Zero Durham, Safe Routes to Schools, and other pedestrian safety programs; and

**WHEREAS,** Goal 3 of Durham County’s Strategic Plan states that the County wants to “partner with stakeholders to prevent and address unsafe conditions, protect life and property, respond to emergencies and ensure accessible and fair justice”, that addressing safety in transportation projects would fall into this domain, and that there would be an inherent desire to provide the safest forms of non-motorized transportation options for families and children through this corridor;

**NOW, THEREFORE BE IT RESOLVED,** that the Durham County Board of Commissioners supports approval of the NC 98 Corridor Report subject to the following provisions:

1. That a separated multi-use path along NC 98 between US 70 and the Durham County line be constructed to provide the safest, most attractive option for moving pedestrians and bicyclists within and through the NC 98 Corridor area;
2. That the MPO works with NCDOT to re-allocate the funds associated with construction of separate sidewalks and bike lanes in order to build a multi-use path along the NC 98 Corridor Study.

This the 24<sup>th</sup> day of September 2018.

## Triangle Regional Freight Plan (Draft)

### DCHC MPO Board Questions

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The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) released the draft Triangle Regional Freight Plan for public comment at their September meeting. At that time, several members of the MPO Board had questions about specific topics in the Freight Plan that staff were not able to answer. This document provides answers to those questions by identifying where detailed information is available in the draft report, shown in the text box, and providing a summarized answer, as well.

#### What is the Freight Growth Rate and Forecasts?

Table 21 and 22 on pages 84 and 85 provide a summary of Triangle freight forecasts. Detailed data on Triangle freight trends in terms of tonnage, value, mode and commodity can be found in Chapter 5, Existing Trends and Conditions, page 71. Forecasts begin on page 83.

##### Summary

In terms of trends, the economic recession of 2008 had a different impact on different supply chains. From 2007 to 2012, freight in the Raleigh-Durham area decreased significantly especially for the truck mode. Inbound shipments also decreased considerably as consumer spending contracted from the deleveraging of household debt. However, at the same time, outbound shipments increased over this period, as the high-tech economy demonstrated resilience in the face of the broader economic downturn.

In the future, the Freight Analysis Framework (FAF) reports expected freight flows in tons and value out to 2045. Overall, tonnages to, from and within the Raleigh-Durham region are expected to increase over the following decades at an average rate of 0.82 percent per year. The truck modes is expected to see the fastest growth in tonnages, going from 54 percent mode share of inbound tonnage in 2012 to 66 percent mode share in 2045. In contrast, rail is anticipated to see slower growth over this time period, which will translate into a 10 percent loss of inbound mode share. Freight value is also expected to increase at 2.4 percent per year on average out to 2045. Truck mode share will actually decrease about 5 percent in this period because air freight is expected to increase by about five-fold, which is much faster than other modes.

#### How Does the Plan Address Pipelines?

Detailed data and maps on pipeline commodities, capacity and future demand can be found in Chapter 7, starting on page 159.

##### Summary

There are about 750 miles of pipelines running through all nine counties in the Triangle Region. These pipelines carry three major commodity types: natural gas (65% of the total), non-highly volatile liquid (HVL) petroleum products (32% of the total) such as gasoline, and liquefied petroleum gas. The largest pipeline operator by mileage is Public Service Company of North Carolina (known as PSNC Energy), comprising 38 percent of total mileage and carrying exclusively natural gas through every county in the area. Colonial Pipeline is another major operator, comprising 32 percent of total mileage for non-HVL products only. The pipelines are commonly connected to breakout tanks for petroleum products and other facilities that often allow transfer to trucks and rail.

Future pipeline demand data is limited but it is expected to at least grow with the increasing population and commerce. The only pending pipeline project in North Carolina is the Atlantic Coast Pipeline (ACP) project, which will traverse Johnston County. The construction of the ACP suggests that natural gas capacity is limited in the Triangle Region, as well as in other parts of North Carolina.

### **How Does the Plan Address Roadway Resilience (for example, roads lasting longer)?**

Not applicable.
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#### Summary

The freight plan does not collect and analyze data, and does not have any recommendations that directly relate to the resiliency of roadways and freight travel. The plan focused on the topics and concerns identified through the surveys and stakeholder interviews. The resiliency of roadways in terms of pavement condition and how often the road needs repairs was not identified as a key concern. However, the importance of resiliency to disruptions such as severe weather events is pointed out as an aspect of system reliability and redundancy (pages 67-68), and a test of the resiliency of the system to highway network disruptions appears on page 140. This used a modeled evaluation of closures on I-40, and showed traffic being pushed onto local roads.

### **How Does the Plan Address Other Users in the Rail Corridors?**

The Plan focuses on rail freight in several separate sections that address topics such as the existing network, freight forecasts, future conditions, intermodal connections and recommendations. The recommendations section, which starts on page 251, provides the most information on other users of the freight corridor such as passenger rail and roadway vehicles.
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#### Summary

The Freight Plan addresses other users of the rail corridor in several ways. The passenger rail program in the Triangle, which is estimated to operate up to 44 new trains daily over the North

Carolina Railroad right-of-way, will be transformative. Freight shippers support the passenger rail program because it diverts freight movement from the congested roadways to the rails, and the transit agencies are dedicated to avoiding the impedance of freight shipping on the rail lines by making needed capacity and safety improvements.

Improvements at railway-roadway at-grade crossing is another way in which rail freight and roadway vehicle have a similar interest and therefore must coordinate and cooperate. These crossing improvements produce greater safety and efficiency for many travel modes, including truck and rail freight. The Freight Plan recommends ten key crossing improvements.

# 2045 Metropolitan Transportation Plan (MTP)

## Amendment 1 (September 12, 2018)

Changes to Appendix 1: Roadway Project List      Sorted by Project Name.    **Bold font** denotes additions.      ~~Strikethrough~~ denotes deletions.

MTP ID	Highway Project	From	To	Existing Lanes	Proposed Lanes	Improvement Type(a)	Length (miles)	Estimated Cost	STI	Reg. Sig.(b)	Exempt (c)	TIP#
2025 MTP												
15	East End Connector (EEC)	NC 147	<del>US-70 to north of NC 98 in Durham</del>	-	4	New Location	<del>3.6</del> <b>3.2</b>	35,175,000	St	Yes	No	U-0071
23	Fayetteville Rd	Barbee Rd	Cornwallis Rd	2	4	Widening	1	3,374,000	Div	<del>No</del> <b>Yes</b>	No	N/A
23.1	Fayetteville Rd	Woodcroft Pkwy	Barbee Rd	2	4	Widening	<del>1.3</del> <b>1.4</b>	4,661,000	Div	<del>No</del> <b>Yes</b>	No	U-6021
111	Fordham Blvd (US 15-501)	I-40	<del>Franklin St</del> <b>Ephesus Ch Rd</b>	4	4	Modernization	1.6	2,052,000	St	Yes	No	<del>U-5304B</del> <b>U-5304F</b>
240	Fordham Blvd (US 15-501)	NC 54	<del>Franklin Street</del> <b>Ephesus Ch Rd</b>	4	4	Modernization	2.1	45,498,000	St	Yes	No	<del>U-5304A</del> <b>U-5304D</b>
73	Fordham Blvd (US 15-501)	NC 54	<del>US 15-501</del> <b>NC 86 (S Columbia St)</b>	4	4	Modernization	<del>2.2</del> <b>2.3</b>	49,832,000	St	Yes	No	<del>U-5304A</del> <b>U-5304B</b>
204	Fordham Blvd/Raleigh Rd	Interchange	--	-	-	Upgrade	N/A	14,800,000	St	<del>Yes</del> <b>No</b>	93.127	U-5774A
626	Fordham Blvd/S Columbia St	Interchange	--	-	-	Upgrade	N/A	35,000,000	St	Yes	No	<del>U-5304E</del> <b>U-5304A</b>
638	I-40/NC 86	Interchange	--	-	-	<del>Upgrade</del> <b>Improvements</b>	N/A	16,500,000	St	<del>No</del> <b>Yes</b>	No	I-3306AC
64.12	NC 147 (Operational Improvements)	<del>East End Connector</del> <b>W Chapel Hill St</b>	<del>Swift Av</del> <b>Briggs Av</b>	4	4	Modernization	<del>1.7</del> <b>3.0</b>	58,400,000	ST	Yes	No	U-5937
64.13	NC 147 (possible Managed Lanes)	East End Conn	I-40	4	8	Widening	<del>4.9</del> <b>3.9</b>	179,248,000	St	Yes	No	U-5934
428	NC 54	Old Fayetteville Rd	MPO Boundary	2	2	Modernization	2.9	14,457,000	Reg	<del>No</del> <b>Yes</b>	No	R-5821A



MTP ID	Highway Project	From	To	Existing Lanes	Proposed Lanes	Improvement Type	Length (miles)	Estimated Cost	STI	Reg. Sig.	Exempt	TIP#
69.21	NC 54	Highgate Dr	Fayetteville Rd	4	4	Modernization	1.5 0.4	(see #69.2)	Reg	Yes No	93.126	U-5774H
75.2	NC 55 (Alston Ave)	Main St	NC 98	2	2	Modernization	0.5 0.6	-	Reg	No	No	U-3308
87	S Churton St	US 70 Business Eno River in Hillsborough	I-40	2	4	Widening	2.4 2.2	31,825,000	Div	No	No	U-5845
485	US 70 (freeway conversion)	Pleasant Dr Lynn Rd	S Miami Blvd	4	6	Freeway	1.6	111,020,000	St	Yes	No	U-5720A
116.1	US 70/Miami Blvd/Sherron Rd	Interchange	--	-	-	New	N/A	46,621,000	St	Yes	No	U-5720B
123.11	Woodcroft Pkwy Ext	Garrett Rd	Hope Valley Rd	-	2	New Location	0.2 0.0	2,219,000	Div	No	No	U-5823
2035 MTP												
43	I-40	US 15-501 Durham County Line	NC 86	4	6	Widening	3.9	29,316,000	St	Yes	No	I-3306AB
45	I-40 Managed Lanes	Wake County Line	NC 147	8	10	Widening	7.0 3.4	446,464,000	St	Yes	No	I-5702B
70.4	I-40/ NC 54 ramp	Farrington Rd.	I-40	-	1	New Location	0.2	1,600,000	St	Yes	No	U-5517 N/A
113	US 15-501 (expressway conversion)	US 15-501 Bypass	I-40	6	6	Expressway	2.2 2.0	195,300,000	St	Yes	No	U-6067
116	US 70 (freeway conversion)	S Miami Blvd	Northern Durham Parkway MPO Boundary	4	6	Freeway	2.5	173,469,000	St	Yes	No	U-5720C
2045 MTP												
364	Eno Mountain Rd realignment	Mayo St	Eno Mountain Rd	0 2	2	New Location	0.3	2,015,000	Div	No	93.126	N/A
48	I-85	US 70 Mt Herman Ch Rd	I-40	4	6	Widening	7.1 6.0	197,378,000	St	Yes	No	I-5983 N/A

48.1	I-85	Sparger Rd Mt Herman Ch Rd	US 70 Durham County Line	4	6	Widening	3.0 2.5	39,118,000	St	Yes	No	I-5983
MTP ID	Highway Project	From	To	Existing Lanes	Proposed Lanes	Improvement Type	Length (miles)	Estimated Cost	STI	Reg. Sig.	Exempt	TIP#
81	NC 86 (and US 70 intersection)	US 70 Bypass	NC 57	2	4	Widening	0.3	4,742,000	Reg	No	No	I-5984 N/A
81.1	Wake Forest Hwy (NC 98)	Nichols Farm Dr	Wake County Line	2	4	Widening	6.0	48,474,000	Reg	No Yes	No	N/A

These footnotes are to clarify the table data and will not be part of the amended 20450 MTP:

- (a) There is no difference between intersection upgrade and intersection improvement. A text change to improvement is recommended so the MTP and TIP match.
- (b) Reg. Sig. means Regionally Significant. Changes to these projects, e.g., deletion from the plan, could require a new air quality conformity determination
- (c) Projects that are exempt may continue to move forward in the case of a plan lapse whereas non-exempt projects will not receive federal action until there is an approved MTP. In this column, exempt projects are indicated by the regulation section that provides the exemption, e.g., 93.126.

## DCHC MPO Technical Committee

## Proposed Allocation of Local Input Points for Division Needs Projects

<u>SPOT ID</u>	<u>Mode</u>	<u>Route/ Project</u>	<u>From</u>	<u>To</u>	<u>Description</u>	<u>Cost to NCDOT</u>	<u>Jurisdiction</u>	<u>SPOT Score</u>	<u>DCHC Points Assigned</u>	<u>Follows Methodology?</u>	<u>Reason</u>
H170072	Highway	NC 98 (Holloway Street)	SR 1838 (Junction Road)	SR 1919 (Lynn Road)	Construct safety improvements and widen to add median, bicycle lanes, sidewalks, transit stop improvements, and traffic signals where needed.	\$ 16,000,000	Durham	43.16	100	N	Local priority and excellent chance for funding
T150453	Transit	Fayetteville St Transit Corridor Improvements	N/A	N/A	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.	\$ 40,000	Durham	41.35	100	Y	
H170312	Highway	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	40.51	100	Y	
B140789	BikePed	NC 54	James Street	Anderson Park	Construct sidepath on the north side of the road to accommodate two-direction bicycle transportation.	\$ 1,174,514	Carrboro	40.44	100	N	Local priority and excellent chance for funding
B170485	BikePed	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	100	N	Local priority that scored well
B150143	BikePed	Sandy Creek Trail	Pickett Rd	Al Buehler Trail at Cornwallis Rd	Construct a shared use trail.	\$ 2,847,422	Durham	40.08	100	N	Local priority that scored well
B170480	BikePed	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	100	Y	
B170481	BikePed	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	100	Y	

B150607	BikePed	US 15/501 (Fordham Blvd)	Willow Drive	Old Durham Chapel Hill Road	Construct multi-use side paths paralleling US 15/501 (Fordham Blvd) on both sides from Willow Drive to Ephesus Church Road and just the east side from Ephesus Church Road to Old Durham Chapel Hill Road. Construct enhanced pedestrian and bicyclist crossing accommodations at intersections and crossing locations.	\$ 1,797,992	Chapel Hill	35.78	100	Y	
H170122	Highway	SR 1321 (Hillandale Road)	SR 1443 (Horton Road)		Construct roundabout	\$ 2,600,000	Durham	35.45	100	Y	
H170127	Highway	New Route - Northern Durham Parkway	I-85	SR 1004 (Old Oxford Road)	Construct multi-lane roadway on new location.	\$ 29,700,000	Durham	33.85	100	N	Local priority
H140374-E	Highway	NC 54	SR 1937/SR 1107 Old Fayetteville Road		Improve intersection	\$ 1,700,000	Carrboro	31.70	100	N	Local priority and excellent chance for funding
B170402	BikePed	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	Chapel Hill	31.48	100	N	Highest priority under Methodology to not receive points; more competitive for funding than others
H170785	Highway	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	31.17	100	N	Local contribution could make project competitive
B171175	BikePed	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	Chapel Hill, Carrboro	29.19	100	N	Considered a local priority
H111036	Highway	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	Hillsborough	27.42	100	N	Local priority that scored well
T150449	Transit	Village Neighborhood Transit Center	N/A	N/A	Design and Construction of NTC: Village Neighborhood Transit Center. Serves GoDurham routes 2B, 3, 3B, 3C	\$ 100,000	Durham	35.10	59	Y	

T171425	Transit	Orange Public Transit additional vehicles	N/A	N/A	Purchase two light transit vehicles	\$ 97,560	Orange County	24.81	49	N	Considered a local priority
H171698	Highway	US 15, US 501	SR 1919 (Smith Level Rd)	US 64 Pittsboro Bypass	Convert remaining non-synchronized sections of US 15-501 to synchronized between the Orange County Line and the US 64 Pittsboro Bypass	\$ 39,900,000	Chatham County	25.98	47	Y	
H111162	Highway	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 County, Alamance County	22.36	22	N	Considered a local priority
H172189	Highway	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	Division 5	40.00	14	N	Local priority that scored well
T171420	Transit	Chatham Transit additional vehicles	N/A	N/A	Purchase three new ramp-equipped minivans	\$ 126,900	Chatham County	33.52	9	Y	
H170375	Highway	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	42.71	0	Y	
H111013	Highway	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	\$ 727,650,000	Durham	42.56	0	Y	
H170126	Highway	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	40.61	0	Y	
H172045	Highway	I-40	NC 54 (exit 273)	NC 751 (exit 274)	Construct auxiliary lane between ramps	\$ 15,200,000	Durham	39.49	0	Y	
H129638-C	Highway	US 70	SR 1959 (South Miami Blvd) / SR 1811 (Sherron Road)	Page Road Extension / New Leesville Road	Upgrade Roadway to Freeway.	\$ 68,100,000	Durham	39.37	0	Y	
B170469	BikePed	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	0	N	Project not competitive

B141106	BikePed	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	0	N	Project not competitive
B170482	BikePed	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	0	Y	
B170468	BikePed	SR 1669 (Club Boulevard)	SR 1332 (Broad Street)	Washington Street/Elberbe 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	0	Y	
B150405	BikePed	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	0	Y	
B170470	BikePed	US 501 (Roxboro Road)	SR 1456 (Milton Road)	Fairfield Road	Construct sidewalks on both sides of the road.	\$ 6,655,782	Durham	38.42	0	Y	
B170479	BikePed	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	0	N	Project not competitive
B170526	BikePed	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	0	N	Project not competitive
B170467	BikePed	NC 55 (Apex Highway)	NC 54	Carpenter Fletcher Road	Construct pedestrian facilities on both sides of the road.	\$ 1,886,285	Durham	37.97	0	Y	
B170484	BikePed	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	0	Y	
H090366-A	Highway	US 15, US 501	I-40	US 15/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	\$ 195,300,000	Durham	36.68	0	Y	
H140374-A	Highway	NC 54	SR 1006 (Orange Grove Rd)	SR 1937 / SR 1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	\$ 83,000,000	Orange County	36.58	0	Y	
B170466	BikePed	NC 98 (Holloway Street)	US-70 Bypass	Ganyard Farm Way	Construct sidewalks on both sides of the road and include intersection improvements.	\$ 6,000,552	Durham	35.97	0	N	Project not competitive
H149000-H	Highway	NC 54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 21,600,000	Durham	35.72	0	Y	
B172002	BikePed	Briar Creek Loop Trail & Connector	Briar Creek Parkway/Lumley Rd	Little Briar Creek	Construct 10' multi-use path along Little Briar Creek to connect to the Briarcreek Loop Trail	\$ 5,722,880	Raleigh, Durham	35.03	0	Y	

R140014	Rail	NS/NCRR H Line	N/A	N/A	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	34.80	0	Y	
B150104	BikePed	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	0	Y	
H149000-J	Highway	NC 54	SR 1106 (Barbee Road)	NC 55	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 19,000,000	Durham	34.65	0	Y	
H170298	Highway	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	34.22	0	Y	
H170805	Highway	US 15, US 501	NC 147 (Durham Freeway)	US 70 Business (Hillsborough Road)	Signalize collector-distributor ramp intersections to improve safety.	\$ 995,000	Durham	34.08	0	Y	
H170038	Highway	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	33.37	0	Y	
R150325	Rail	NS/NCRR H Line	N/A	N/A	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	32.96	0	Y	
T171898	Transit	Commuter Rail from Durham to Garner	N/A	N/A	Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	\$ 111,421,000	Durham, Wake	32.59	0	Y	
T171696	Transit	GoTriangle Rougemont Park & Ride and service	N/A	N/A	Construct park-and-ride and additional vehicle to provide new service between Rougemont and central Durham.	\$ 155,000	Durham	32.59	0	N	Project no longer desired by sponsor
B170478	BikePed	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	0	Y	

H129638-D	Highway	US 70	Page Road Extension / New Leesville Road in Durham County	Alexander Drive in Wake County	Upgrade Roadway to Freeway	\$ 87,900,000	Durham, Wake	31.65	0	Y	
H170117	Highway	SR 1171 (Riddle Road)	SR 2100 (South Alston Avenue)		Construct roundabout	\$ 1,600,000	Durham	31.25	0	Y	
B171043	BikePed	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	Chapel Hill	31.15	0	Y	
H171549	Highway	I-540	I-40	US 1	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	\$ 59,400,000	Wake, Durham	30.75	0	Y	
T171911	Transit	Durham to Raleigh Commuter Rail Service	N/A	N/A	Construct infrastructure and service for commuter rail service from Durham to Raleigh. Project includes 4 locomotives and 8 coaches.	\$ 84,896,916	Wake, Durham	30.74	0	Y	
B170483	BikePed	NC 54, Alston Avenue	Cornwallis Road	RTP Trail	Construct bicycle lanes and sidewalks.	\$ 8,953,131	Durham	30.53	0	Y	
B150258	BikePed	Campus to Campus Connector/Tanyard Branch Extension	Broad Street	Village Drive and Tanyard Branch Greenway	Construct an off-road multi-use path providing bicycle and pedestrian safety.	\$ 450,505	Chapel Hill	30.44	0	Y	
B141356	BikePed	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	0	Y	
B171963	BikePed	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	Chapel Hill, Carrboro	29.47	0	Y	



R150312	Rail	NS/NCRR H Line	N/A	N/A	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	29.26	0	Y	
H090555-A	Highway	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 County	29.17	0	Y	
B141103	BikePed	Finley Golf Course Road	US 15-501/NC 54	NC 54	Construct sidepath on one side or bicycle lanes.	\$ 1,290,866	Chapel Hill	28.62	0	Y	
H149000-I	Highway	NC 54	SR 1118 (Fayetteville Road)	SR 1106 (Barbee Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 23,900,000	Durham	28.51	0	Y	
H150278	Highway	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	27.47	0	Y	
T171912	Transit	Durham to Wake Forest Commuter Rail	N/A	N/A	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	27.41	0	Y	
T171915	Transit	Durham to Raleigh to Garner/Wake Forest commuter rail	N/A	N/A	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	27.04	0	Y	
H149000-G	Highway	NC 54	I-40	NC 751	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	\$ 32,000,000	Durham	25.78	0	Y	
B171147	BikePed	American Tobacco Trail	American Tobacco Trail	American Tobacco Trail	Construct a tunnel or bridge across O'Kelly Chapel Road.	\$ 2,417,453	Chatham County	25.65	0	Y	
T150993	Transit	Regional Transit Center	N/A	N/A	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	25.58	0	N	Project not competitive
H140374-D	Highway	NC 54	Neville Road		Improve intersection	\$ 1,100,000	Orange County	25.22	0	Y	

H150716	Highway	I-540	I-40	I-87	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	\$ 110,970,000	Wake, Durham	25.14	0	Y	
B150122	BikePed	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	0	Y	
H171433	Highway	New Route - Northern Durham Parkway	US 70	SR 1811 (Sherron Road)	Construct roadway on new location.	\$ 41,800,000	Durham	24.65	0	Y	
B150456	BikePed	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	Chapel Hill, Carrboro	24.56	0	Y	
T171692	Transit	Commuter Rail Transit, West Durham to Garner	N/A	N/A	Construct commuter-rail transit service adjacent to and/or within the existing NCRRT 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	24.45	0	Y	
H170037	Highway	SR 1978 (Hopson Road)	NC 54	Distribution Drive	Widen to a four lane divided roadway with bicycle and pedestrian facilities.	\$ 8,400,000	Durham	24.40	0	Y	
H170372	Highway	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 County	23.99	0	Y	
H149000-A	Highway	NC 54 (Raleigh Road)	US 15-501		Improve Interchange	\$ 28,000,000	Chapel Hill	23.51	0	Y	

B170403	BikePed	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.	\$ 469,423	Chapel Hill	23.03	0	Y	
H170787	Highway	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	22.92	0	Y	
R150318	Rail	NS/NCRR H Line	N/A	N/A	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	Hillsborough	22.86	0	Y	
T171711	Transit	GoTriangle DRX Route bus service expansion FY 19	N/A	N/A	Purchase 3 additional vehicles in FY 19 to support headway reduction on DRX route.	\$ 135,000	Durham, Raleigh	22.59	0	Y	
H111011	Highway	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	22.30	0	Y	
R170032	Rail	NCRR/NS H line	N/A	N/A	Construction of curve radius improvements from MP H 44.5 to MP H 48 near Hillsborough.	\$ 3,500,000	Orange County	21.97	0	Y	
H172198	Highway	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	21.88	0	Y	
R150320	Rail	NS/NCRR H Line	N/A	N/A	Construction of second main track from East Durham Yard (MP 58.5) to Nelson (MP 63.5) in Durham.	\$ 53,900,000	Durham	21.70	0	Y	
H170114	Highway	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 County	20.88	0	Y	

H170399	Highway	SR 1009 (Old NC 86)	SR 1777 (Homestead Road)	SR 1107 (Old Fayetteville Road)	Upgrade roadway corridor and intersection with Homestead Road to improve the safety of users. Construct two-lane improvements on Old NC 86 with left turn lanes at appropriate locations, such as John's Woods Road, and on-road bicycle facilities and sidewalks. Improve intersection at Calvander (Old NC 86/Homestead/Dairyland) for all modes. Intersection improvement could include a roundabout. Design of roadway and facilities may vary along the corridor.	\$ 8,700,000	Orange County, Carrboro	19.99	0	Y	
T171904	Transit	Mebane to Selma Commuter Rail Service	N/A	N/A	Construct infrastructure and service for commuter rail service from Mebane to Selma. Project includes 12 locomotives and 24 coaches.	\$ 250,727,364	Alamance, Orange, Durham, Wake, Johnston	19.26	0	Y	
B150435	BikePed	Old NC 86 - Hillsborough Road	SR 1777 (Homestead Road)	Farm House Road	Construct bicycle lanes on both sides of roadway	\$ 990,199	Orange County, Carrboro	19.22	0	Y	
R170033	Rail	NCRR/NS H line	N/A	N/A	Construction of curve radius improvements from MP H 38 to MP H 40.4 near Efland.	\$ 3,500,000	Orange County	17.16	0	Y	
T171722	Transit	GoTriangle ODX Route bus service expansion FY23	N/A	N/A	Purchase one additional vehicle in FY23 to support headway reduction on the ODX route.	\$ 48,000	Orange County, Durham	15.93	0	Y	
H140638	Highway	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.	\$ 9,400,000	Chapel Hill	15.44	0	Y	
H150280	Highway	SR 1148 (Eno Mountain Road), SR 1192 (Mayo Street)	SR 1006 (Orange Grove Road)		Construct new section of SR 1192 (Mayo Street) to align with SR 1148 (Eno Mountain Road) and install signal.	\$ 8,700,000	Hillsborough	14.36	0	Y	
H170804	Highway	US 70	US 70 Connector		Reconstruct interchange to an at-grade intersection.	\$ 8,200,000	Orange County	13.03	0	Y	
R170029	Rail	NS/NCRR H Line	N/A	N/A	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	Hillsborough	12.46	0	Y	

R150319	Rail	NS/NCRR H Line	N/A	N/A	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	0	Y	
R171833	Rail	I-40 Rail Bridge in Durham County	N/A	N/A	Construct triple track bridge over I-40 in Durham County.	\$ 20,000,000	Durham	7.36	0	Y	
									1800		

## DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION 2020 UNIFIED PLANNING WORK PROGRAM (UPWP) DEVELOPMENT SCHEDULE

The tentative development schedule for the 2020 UPWP is presented below. The work program will contain new initiatives for FY2020 and a continuation of select initiatives and emphasis areas. The schedule provides for the coordination of the UPWP development with the local government budget process and NCDOT deadlines.

DATES	DCHC MPO ACTIVITY DESCRIPTION
Oct - Dec 2018	Development of draft 2020 UPWP and coordination with the Oversight Committee & local agencies.
2-Nov-18	Deadline for funding request and supplemental documents to be submitted to MPO by member agencies.
19-Dec-18	TC reviews draft 2020 UPWP and recommends Board release draft for public comment.
9-Jan-19	MPO Board reviews draft of 2020 UPWP and releases draft for public comment.
23-Jan-19	TC receives draft 2020 UPWP and recommends Board hold public hearing and approve draft at February Board meeting.
31-Jan-19	Draft 2020 UPWP submitted to NCDOT/PTD
13-Feb-19	MPO Board holds public hearing and approves draft 2020 UPWP including approval of self certification process and local match.
15-March-19	Deadline for final FY2020 UPWP to be submitted to NCDOT and FHWA for approval. NCDOT/PTD will submit UPWP to FTA for approval.

**DCHC MPO FY20 Allocation of Federal Surface Transportation Block Grant -Direct  
Attributable (STBG-DA) and Transportation Alternative Program (TAP) Funds Per  
Distribution Policy approved by MPO Board on October 14, 2015**

<b>Jurisdiction/Agency</b>	<b>STBG-DA Allocation (Federal Funds)</b>	<b>TAP Allocation (Federal Funds)</b>	<b>Totals</b>
LPA Routine Planning	\$1,400,000		
LPA Extra Planning	\$0		\$1,400,000
TJCOG Planning	\$55,000		\$55,000
<b>Transit</b>			
GoTriangle	\$156,364		
GoDurham	\$416,479		
Chapel Hill Transit	\$313,827		
Orange Public Transit	\$19,489		\$906,159
<b>Local Discretionary (#)</b>			
City of Durham	\$1,116,663		
Town of Chapel Hill	\$332,356		
Town of Carrboro	\$159,764		
Town of Hillsborough	\$97,903		
Durham County	\$44,836		
Orange County	\$43,300		
Chatham County	\$17,498		\$1,812,320
<b>Regional Bicycle and Pedestrian Projects (*)</b>	\$542,841	\$363,318	\$906,159
<b>Total Allocation</b>	<b>\$4,716,318</b>	<b>\$363,318</b>	<b>\$5,079,636</b>

**Notes**

Allocations represent federal funds only. Local match is required for projects.

(\*) Call for Regional Bicycle and Pedestrian projects to be conducted Spring, 2019, for the FY20 allocation.

(#) Funds may be flexed to Section 5307 for transit agencies. Call for STBG-DA Local Discretionary projects to be conducted in Spring, 2019, for the FY20 allocation.

## DCHC CMAQ Funding Changes

### Current CMAQ Funding to Be Reprogrammed

TIP #	Project Name	Jurisdiction	Program Year	CMAQ \$
C-4928	Morreene Road Bike Ped	City of Durham	2018	\$ 2,331,000
C-5181	Jones Creek Greenway	Carrboro	2018	\$ 189,400
C-5605 A	Downtown Multi-Use Path	Carrboro	2018	\$ 128,410
C-5605 F	Durham Bike Share	City of Durham	2019	\$ 600,000
C-5605 G	Downtown Durham Loop Bike Lane	City of Durham	2019	\$ 262,500
C-5650	South Greensboro Street Sidewalks	Carrboro	2021	\$ 440,000
TOTAL CMAQ TO REPROGRAM				\$ 3,951,310

### Reprogrammed CMAQ Funding

TIP #	Project Name		Program Year	CMAQ \$	Notes
EB-4707B	Old Durham/Chapel Hill Rd - Durham	Durham City/County	2019	\$ 1,710,393	Under construction
C-5184	Hillsborough Riverwalk Phase III	Hillsborough	2019	\$ 518,850	Under construction
C-5179	North Estes Drive	Chapel Hill	2019	\$ 1,016,618	Going to bid winter 2019
TA-6696	GoDurham Electric Buses	City of Durham	2019	\$ 400,000	Will be flexed fall 2018
TBD*		City of Durham		\$ 305,449	
TOTAL				\$ 3,951,310	

\*Expecting cost overruns for C-5605E, C-5605H, and C-5605I once engineering is completed later this year.

### Future CMAQ Funding

TIP #	Project Name		Program Year	CMAQ \$	Notes
C-4928	Morreene Road Bike Ped	City of Durham	2020	\$ 2,331,000	Currently in design, scheduled to bid for construction in Feb. 2020
C-5181	Jones Creek Greenway	Carrboro	2020	\$ 533,000	Entering design, will be ready for construction fall 2019, includes increase in funding due to cost increases
C-5605 A	Downtown Multi-Use Path	Carrboro	2021	\$ 128,410	
C-5650	South Greensboro Street Sidewalks	Carrboro	2021	\$ 440,000	
C-5605 F	Durham Bike Share	City of Durham	Cancel	\$ -	
C-5605 G	Downtown Durham Loop Bike Lane	City of Durham	Cancel	\$ -	





# CMAQ PROJECT APPLICATION

FOR NCDOT USE ONLY

APP ID

STIP ID

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED.

## GENERAL PROJECT INFORMATION

### 1 SELECT CMAQ PROJECT TYPE

☐ STATEWIDE ☒ REGIONAL ☐ SUBREGIONAL

### 2 SELECT MPO/RPO(S)

☐ Burlington-Graham MPO ☐ Gaston-Cleveland-Lincoln MPO ☐ Land of Sky RPO ☐ Triangle RPO  
☐ Cabarrus-Rowan MPO ☐ Greensboro MPO ☐ NW Piedmont RPO ☐ Unifour RPO  
☐ Capital Area MPO ☐ Hickory MPO ☐ Rocky Mount MPO ☐ Upper Coastal Plain RPO  
☐ Charlotte Regional TPO ☐ High Point MPO ☐ Rocky River RPO ☐ Winston-Salem MPO  
☒ Durham-Chapel Hill-Carrboro MPO ☐ Kerr-Tar RPO ☐ Southwestern RPO

### 3 PROJECT SPONSOR INFORMATION

Agency	DCHC MPO		
Contact Name	Aaron Cain		
Contact Title	Senior Transportation Planner		
Address	101 City Hall Plaza, Durham, NC		
Telephone	+1 (919) 560-4366	Email Address	aaron.cain@durhamnc.gov

### 4 PROJECT INFORMATION

Title	Old Chapel Hill Road Bicycle and Pedestrian Improvements
Description	This project will install bike lanes and sidewalks on both sides of Old Chapel Hill Road from Garrett Road to Pope Road.
Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stake holders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location.	

## PROJECT COSTS & DELIVERY SCHEDULE

### 5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

- CMAQ projects are awarded by Federal Fiscal Years (FFY). FFY run from October 1st of the prior year through September 30th of the next year. For example, FFY 2016 runs from October 1, 2015 through September 30, 2016.
- Cost estimates should reflect anticipated inflation compounded annually at 5% from the current calendar year.
- Minimum 20% match is required for most projects. See 23 U.S.C. §120 paragraph (c) for listing of safety projects that may be funded at up to 100% Federal share.
- In the case of purchasing alternative fueled vehicles (AFV) for general governmental use, CMAQ funding is limited to the cost difference between standard and AFV vehicles. For example, a 2011 Ford Escape lists for \$27,000 and a 2011 Ford Escape Hybrid lists for \$33,000. The total CMAQ-eligible funding for purchase of this AFV would be: \$33,000 - \$27,000 = \$6,000 (subject to local match).

☐ Check box if this project is not typical 80/20 split

Phases(s)	CMAQ Amount	Matching Amount	Total	FFY
<input type="checkbox"/> Planning, Engineering & Design				
<input type="checkbox"/> Right-of-Way				
<input checked="" type="checkbox"/> Construction	\$1,710,393.00	\$427,598.00	\$2,137,991.00	2019
<input type="checkbox"/> Transit Operation				
<input type="checkbox"/> Transit Implementation				
<input type="checkbox"/> Non-transit Implementation				
<b>Project Total</b>	<b>\$1,710,393.00</b>	<b>\$427,598.00</b>	<b>\$2,137,991.00</b>	

### 6 ANTICIPATED PROJECT MILESTONE DATES

\* Milestone dates must coordinate with funding schedule in Section 5.

\* Planning & environmental document; plans, specifications & estimate package; and right of way certification must be complete prior to let date.

Milestone(s)	Month/Year
Planning & Environmental document to be complete:	Complete
Plans, Specifications & Estimate package to be complete:	Complete
Right-of-Way acquisition to begin:	Complete
Anticipated let date (opening of bids):	05/2017
Anticipated completion date of project (including project close-out & reimbursement of all eligible expenses):	05/2019

## 7 LIST THE SOURCE(S) OF MATCHING FUNDS:

Local Revenues

## 8 TRANSIT START-UP INFORMATION

Operation assistance under CMAQ is intended to help start up viable new transportation services that will benefit air quality and eventually cover their own costs. This funding is limited to three years. Other funding sources should supplement & ultimately replace CMAQ funds for operation assistance. Briefly describe how funding will be secured to continue the program after year three.

(ATTACH ADDITIONAL SHEET(S) IF NEEDED)

## GENERAL PROJECT INFORMATION

## 9 SELECT NC NONATTAINMENT/MAINTENANCE COUNTY(IES):

\* Indicates partial county AQ designation

<input type="checkbox"/> Cabarrus	<input type="checkbox"/> Davidson	<input type="checkbox"/> Edgecombe	<input type="checkbox"/> Gaston	<input type="checkbox"/> Haywood*	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Orange	<input type="checkbox"/> Swain*
<input type="checkbox"/> Catawba	<input type="checkbox"/> Davie	<input type="checkbox"/> Forsyth	<input type="checkbox"/> Granville	<input type="checkbox"/> Iredell*	<input type="checkbox"/> Mecklenburg	<input type="checkbox"/> Person	<input type="checkbox"/> Union
<input type="checkbox"/> Chatham*	<input checked="" type="checkbox"/> Durham	<input type="checkbox"/> Franklin	<input type="checkbox"/> Guilford	<input type="checkbox"/> Johnston	<input type="checkbox"/> Nash	<input type="checkbox"/> Rowan	<input type="checkbox"/> Wake

## 10 SELECT CMAQ-ELIGIBLE IMPROVEMENT TYPE (check all that apply):

<input type="checkbox"/> Transportation Control Measures	<input type="checkbox"/> Extreme Low-Temperature Cold Start Programs
<input type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Congestion Relief & Traffic Flow Improvements
<input type="checkbox"/> Transit Improvements	<input checked="" type="checkbox"/> Bicycle/Pedestrian Facilities & Programs
<input type="checkbox"/> Transportation Management Associations	<input type="checkbox"/> Carpooling & Vanpooling
<input type="checkbox"/> Freight/Intermodal	<input type="checkbox"/> Diesel Engine Retrofits
<input type="checkbox"/> Idle Reduction	<input type="checkbox"/> Training
<input type="checkbox"/> Travel Demand Management	<input type="checkbox"/> Public Education & Outreach Activities
<input type="checkbox"/> I/M Programs	<input type="checkbox"/> Experimental Pilot Projects

## 11 IF TRANSPORTATION CONTROL METHOD, CHECK THE ALLOWABLE TYPE(S):

<input type="checkbox"/>	Programs/ordinances to facilitate non-automobile travel, provision/utilization of mass transit & general reduction of the need for SOV travel, as part of transportation planning & development efforts of a locality, including programs & ordinances applicable to new shopping centers, special events & other centers of vehicle activity
<input type="checkbox"/>	Programs for improved public transit
<input type="checkbox"/>	Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or HOV
<input type="checkbox"/>	Employer-based transportation management plans, including incentives
<input type="checkbox"/>	Trip-reduction ordinances
<input type="checkbox"/>	Traffic flow improvement programs that reduce emissions
<input type="checkbox"/>	Fringe & transportation corridor parking facilities serving multiple-occupancy vehicle programs or transit services
<input type="checkbox"/>	Multiple-occupancy vehicle programs or transit service
<input type="checkbox"/>	Programs to limit/restrict vehicle use in downtown areas/other areas of emission concentration during peak periods
<input type="checkbox"/>	Programs for the provision of all forms of high-occupancy, shared-ride services
<input type="checkbox"/>	Programs to limit portions of road surfaces/certain sections of metro area to the use of non-motorized vehicles or pedestrian

<input type="checkbox"/>	Programs for secure bicycle storage facilities & other facilities, including bicycle lanes in both public & private areas
<input type="checkbox"/>	Programs to control extended idling of vehicles
<input type="checkbox"/>	Reducing emissions from extreme cold-start conditions
<input type="checkbox"/>	Employer-sponsored programs to permit flexible work schedules
<input type="checkbox"/>	Public Education & Outreach Activities

**12 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED:**

<input type="checkbox"/> New facilities associated with a service increase	<input type="checkbox"/> New vehicles used to expand the transit fleet
<input type="checkbox"/> Operating assistance for new service (limit three years)	<input type="checkbox"/> Fare subsidies as part of program to limit exceedances of NAAQS

**13 EMISSIONS REDUCTION CRITERIA**

**QUANTATIVE** analysis of air quality impacts is required for most project types. **QUALITATIVE** analysis is only allowable when it is not possible to accurately quantify emissions benefits, such as public education, marketing & other outreach efforts, which can include advertising alternatives to SOV travel, employer outreach & public education campaigns. The qualitative analysis should be based on a reasoned & logical determination that the project/program will decrease emissions & contribute to attainment or maintenance of NAAQS. The primary benefit of these activities enhanced communication & outreach that is expected to influence travel behavior & air quality.

• **Indicate the type of analysis completed:** ☒ Quantitative ☐ Qualitative

**For QUANTATIVE analyses, list the expected daily emissions BEFORE and AFTER project implementation:**

Pollutant	Daily Emissions Before (kg)	Daily Emission After (kg)	Daily Emissions Reduction (kg)
Carbon Monoxide (CO)	205.27	203.8	1.47
Volatile Organic Compounds (VOC)	8.96	8.9	0.06
Oxides of Nitrogen (NOx)	7.02	6.97	0.05
Particulate Matter (PM2.5)			
<b>Total Daily Emissions (kg)</b>	<b>221.25</b>	<b>219.67</b>	<b>1.58</b>

• **Describe the method used to estimate the emissions reduction and show calculations:**  
(ATTACH ADDITIONAL SHEET(S) IF NEEDED)

The non-motorized trip component of the Triangle Regional Model was used to create an estimate of bicycle/pedestrian trips and the reduction in VMT. The model estimates 87 new bike/ped trips producing a VMT reduction of 149 miles. The emission factors for a Urban Minor Arterial were applied. Calculations are attached.

**14 MISCELLANEOUS**

For construction of trails, has the Department of Interior been contacted	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Is the fare/fee subsidy program part of a broad program to reduce emissions	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Will the ITS project conform to the National ITS architecture	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A

**15 SUPPORTING INFORMATION CHECK LIST**

**Check supporting information included as attachment(s) to this application:**

<input type="checkbox"/>	MPO/RPO Support Resolution (Required for SUBREGIONAL proposals)
<input checked="" type="checkbox"/>	Additional project description and/or details
<input checked="" type="checkbox"/>	Map of general project location
<input checked="" type="checkbox"/>	Complete emissions calculations
<input checked="" type="checkbox"/>	Any assumptions used
<input type="checkbox"/>	Other, please specify:

**16 MPO/RPO PRIORITY INFORMATION**

**This project has been prioritized by the MPO/RPO and received the following ranking among all CMAQ requests (UNRANKED APPLICATIONS WILL NOT BE PROCESSED):**

1

**17 SUBMIT**

- 1) SAVE APPLICATION AND ALL ATTACHMENTS IN A SINGLE PDF DOCUMENT
- 2) Upload application as single PDF document to CMAQ Sharepoint Website

## **Supplemental Information: Old Chapel Hill Road Bike/Ped (EB-4707B)**

### **Background**

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) proposes to program \$1,710,393 of DCHC-directed CMAQ funds to a current project, EB-4707B, Old Chapel Hill Road Bike-Ped in Durham County. This project is installing bicycle lanes and sidewalks on both sides of Old Chapel Hill Road in Durham from Garrett Road to Pope Road (see attached map). This is one portion of a larger project; EB-4707A, Old Durham Road Bike-Ped, is a Chapel Hill project that will use TAP-DA and STBGDA funding to install bicycle lanes on Old Chapel Hill Road from Pope Road in Durham County to US 15/501 in Orange County. EB-4707A is scheduled to be bid for construction in Fall 2018.

This project has been in development for over a decade. The Durham portion went to construction in 2017, and significant cost increases have required additional funding to complete the project.

### **Project Details**

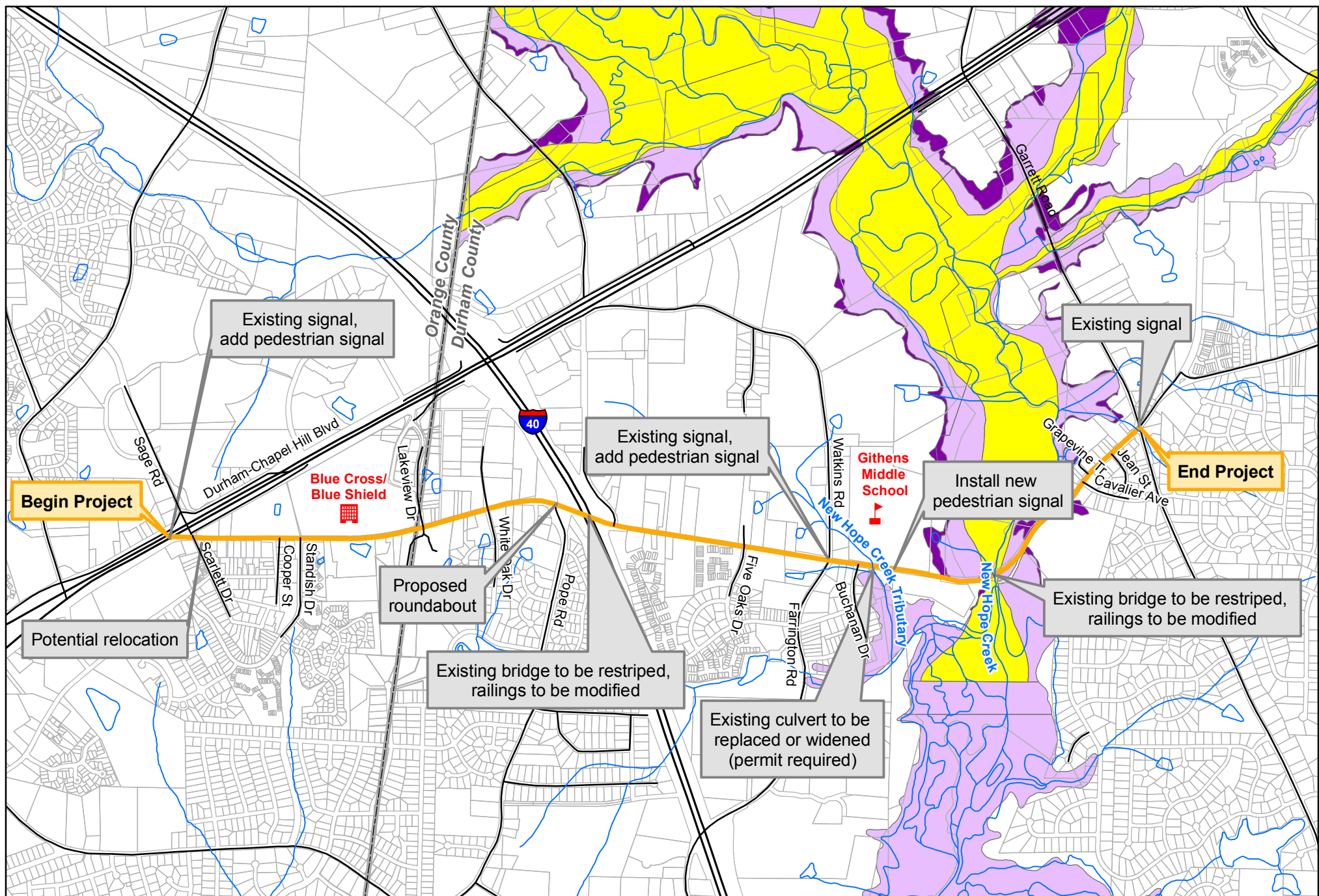
The entire project, including both EB-4707A and EB-4707B, will provide sidewalks and bike lanes on both sides for 2.7 miles of Old Durham-Chapel Hill Road. An 8-foot asphalt multi-use path will be constructed in front of the State Employee's Credit Union property and a 10-foot multi-use path will be constructed in front of Githens Middle School rather than a sidewalk. The project also includes the construction of a roundabout at the intersection with Pope Road. The existing road did not have curb and gutter, so that needed to be installed as well and several overhead and underground utilities have to be moved. Other project details are shown on the attached map. This project has a definable air quality benefit, as shown in the attached calculations.

### **Purpose and Need**

This facility will provide an excellent bike commuting route as it parallels US 15/501, which is a multi-lane facility that is not suited for bike commuters. In Durham the project improves access to Githens Middle School, Chapel Hill Road Park, and the Patterson Place mixed use development area. In Chapel Hill it improves access to the new State Employees Credit Union building (formerly Blue Cross Blue Shield), as well as several shopping opportunities including a new Wegmans grocery store. There are also several residential neighborhoods along the route that can use the facilities to access shopping and employment opportunities.

**Funding Availability**

These CMAQ funds have come available due to a restructuring of CMAQ projects in the DCHC jurisdiction. The attached spreadsheet shows the currently funded projects that will now receive funding in FY20 or FY21, allowing FY18 and FY19 funding to be assigned to EB-4707B, as well as other projects. The projects now receiving FY18 and FY19 funding will be able to obligate all funds by September 2019. For purposes of the STIP, all of the funding for this project will be assigned to FY19.



NORTH CAROLINA  
DEPARTMENT  
OF  
TRANSPORTATION



0 850 1,700 3,400  
Feet

#### Legend

- Streams
- County Boundary
- Parcels
- Floodway
- 500-year floodplain
- 100-year floodplain

#### Project EB-4707

Figure 2  
Notable Features

## VMT\_Reduction

**EB-4707B Emissions Calculations****No-Build Emission Calculation**

Project ID	Project Name	Project Length (miles)	New Bike /Ped Trips	VMT Reduced	Functional Class	CO (g/Mile)	VOC (g/Mile)	NOx (g/Mile)	CO (Reduced Kg/Day)	VOC (Reduced Kg/Day)	NOx (Reduced Kg/Day)
Prj	No-build	n/a	n/a	20701	Urban Minor Arterial	9.916	0.433	0.339	205.27	8.96	7.02

**Emission Reduction Calculation**

Project ID	Project Name	Project Length (miles)	New Bike /Ped Trips	VMT Reduced	Functional Class	CO (g/Mile)	VOC (g/Mile)	NOx (g/Mile)	CO (Reduced Kg/Day)	VOC (Reduced Kg/Day)	NOx (Reduced Kg/Day)
Prj	Bike Lane/Sidewalk of Old Chapel Hill Rd	1.690	87	149	Urban Minor Arterial	9.916	0.433	0.339	1.47	0.06	0.05

**EMISSIONS AFTER PROJECT**

**203.80      8.90      6.97**

**RESOLUTION TO ENDORSE CONGESTION MITIGATION AIR QUALITY (CMAQ)  
FUNDING PROPOSALS FOR FY 2019**

**October 10, 2018**

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

**WHEREAS**, the Fixing America's Surface Transportation (FAST) Act continues the Congestion Mitigation and Air Quality Improvement Program (CMAQ) (23 U.S.C. § 149); and

**WHEREAS**, CMAQ is a Federal program that funds transportation projects and programs to help achieve and maintain national standards for pollutants; and

**WHEREAS**, the North Carolina Department of Transportation (NCDOT) administers the CMAQ program within North Carolina; and

**WHEREAS**, the DCHC MPO has administered a CMAQ project selection process among its local area jurisdictions; and

**WHEREAS**, the FAST Act subjects any CMAQ funds not obligated by September 30, 2019 to rescission; and

**WHEREAS**, the DCHC MPO Board wishes to utilize efficiently as possible the CMAQ funding it has been granted; and

**BE IT THEREFORE RESOLVED** that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board endorses the use CMAQ funds for the projects listed in the attachment, including the new application for EB-4707B, Old Chapel Hill Road Bike/Ped, here on this, the 10th day of October, 2018.

\_\_\_\_\_  
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: October 10, 2018

\_\_\_\_\_, Notary Public  
My commission expires: \_\_\_\_\_



## Additonal Proposed Funding for EB-4707

TIP #	Project Name	TAP-DA	REGIONAL BIKE/PED STBGDA	CMAQ	Total Additional Funding
EB-4707A	Old Durham/Chapel Hill Rd - CH	\$ 726,636	\$ 1,037,068		\$ 1,763,704
EB-4707B	Old Durham/Chapel Hill Rd - Durham		\$ 309,812	\$ 1,710,393	\$ 2,020,205

**RESOLUTION TO ENDORSE REGIONAL BICYCLE AND PEDESTRIAN FUNDING  
PROPOSALS FOR FY 2018-19**

**October 10, 2018**

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

**WHEREAS**, the Fixing America's Surface Transportation (FAST) Act includes funding for the Surface Transportation Block Grant-Direct Attributable (STBGDA) program as well as funding for activities as in the Transportation Alternatives Program-Direct Attributable (TAP-DA); and

**WHEREAS**, the DCHC MPO distributes the STBGDA and TAP-DA funds within its jurisdiction through an allocation to regional bicycle and pedestrian projects; and

**WHEREAS**, the FAST Act makes TAP-DA funds not obligated by September 30, 2019 subject to possible rescission; and

**WHEREAS**, the DCHC MPO Board wishes to utilize as efficiently as possible the STBGDA and TAP-DA funding it has been granted; and

**BE IT THEREFORE RESOLVED** that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board endorses the use STBGDA and TAP-DA funds through the regional bike/ped allocation for projects EB-4707A, Old Durham Road, and EB-4707B, Old Chapel Hill Road, as listed in the attachment, here on this, the 10th day of October, 2018.

\_\_\_\_\_  
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: October 10, 2018

\_\_\_\_\_, Notary Public  
My commission expires: \_\_\_\_\_

Durham - Chapel Hill - Carrboro  
Metropolitan Planning Organization Board  
October 10, 2018

**FY 2018-2027 TIP Amendment #6 Summary Sheet**

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

- **B-6037 NC 86 Bridge 670049:** Add project at request of structures management unit.
- **C-4928 Morreene Road Bike/Ped:** Move ROW to FY19 and Construction to FY20.
- **C-5181 Jones Creek Greenway:** Increase funding and move Construction to FY20.
- **C-5183B Alston Avenue Sidewalks:** Move all funding to Construction and move Construction to FY19.
- **C-5184 Hillsborough Riverwalk Phase III:** Replace STBGDA funding with CMAQ. Move Construction to FY19.
- **C-5605A Downtown Multi-Use Path:** Move all phases to FY21.
- **C-5605E Durham Bike Lanes:** Move Construction to FY19.
- **C-5605F Durham Bike Share:** Cancel project and reprogram CMAQ funds due to introduction of dockless bike share programs.
- **C-5605G Downtown Durham Loop Separated Bike Lane:** Cancel project and reprogram CMAQ funds due to potential changes to the Downtown Loop from Durham-Orange Light Rail.
- **C-5605I Durham Neighborhood Bike Routes:** Move Construction to FY19.
- **EB-5721 Orange County Bicycle Route 1 (Fordham Boulevard):** Move Construction to FY19.
- **EB-5880 Jones Ferry Road Sidewalk:** Move PE/Design to FY22, ROW to FY23, and Construction to FY24.
- **EB-5886A Estes Road Bike/Ped:** Move PE/Design to FY20, ROW to FY21, and Construction to FY22.
- **EB-5890 Barnes Street Sidewalk:** Move PE/Design to FY22, ROW to FY23, and Construction to FY24.
- **EL-4828A Morgan Creek Greenway:** Move Construction to FY19.
- **I-5822 I-40 Pavement Rehabilitation:** Delete project; work will be incorporated into I-3306A.
- **P-5706 East Durham Siding and Grade Separation:** Revise project description.
- **R-5785 Division 5 ADA Compliance:** Add construction funds in FY19.
- **R-5787 Division 7 ADA Compliance:** Add construction funds in FY19.
- **R-5788 Division 8 ADA Compliance:** Add construction funds in FY19.

- **TA-6696 GoDurham Bus Replacement:** Add CMAQ funding in FY19.
- **TP-5151 Orange County Flex to Transit:** Move funding to FY19.
- **U-4726HN Hillandale Road Bike/Ped:** Move ROW to FY19 and Construction to FY20.
- **U-4726HO Carpenter Fletcher Road Bike/Ped:** Move ROW to FY19 and Construction to FY20.
- **U-4726IK Homestead Road Sidewalks:** Move Construction to FY19.
- **U-5543 Variable Message Signs in Chapel Hill:** Move Construction to FY19.
- **U-6118 NC 55 Southbound:** Add new project for planning and environmental study only.

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Morreene Road Bike/Ped

STIP/TIP #: C-4928

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	ROW	STBGDA	\$5,600	\$0	\$1,400	\$7,000
2018	Construction	CMAQ	\$2,331,000	\$0	\$583,000	\$2,914,000
2018	Construction	STBGDA	\$2,140,000	\$0	\$535,000	\$2,675,000
2018	Construction	LOCAL	\$0	\$0	\$194,000	\$194,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$4,476,600	\$0	\$1,313,400	\$5,790,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	ROW	STBGDA	\$5,600	\$0	\$1,400	\$7,000
2020	Construction	CMAQ	\$2,331,000	\$0	\$583,000	\$2,914,000
2020	Construction	STBGDA	\$2,140,000	\$0	\$535,000	\$2,675,000
2020	Construction	LOCAL	\$0	\$0	\$194,000	\$194,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$4,476,600	\$0	\$1,313,400	\$5,790,000

Total Project  
Page 1 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move ROW to FY19 and Construction to FY20 in order to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Jones Creek Greenway

STIP/TIP #: C-5181

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2016	PE/Design	CMAQ	\$33,600	\$0	\$8,400	\$42,000
2017	Construction	CMAQ	\$46,000	\$0	\$12,000	\$58,000
2018	Construction	CMAQ	\$247,000	\$0	\$61,000	\$308,000
2019	Implementation	CMAQ	\$10,000	\$0	\$2,000	\$12,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$336,600	\$0	\$83,400	\$420,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	PE/Design	CMAQ	\$147,200	\$0	\$36,800	\$184,000
2020	Construction	CMAQ	\$533,000	\$0	\$133,250	\$666,250
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$680,200	\$0	\$170,050	\$850,250

Total Project  
Page 3 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Increase the funding for PE to meet actual cost. Move Construction funding to FY20 to match current delivery schedule. Increase funding for Construction to meet new estimated cost.

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



## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Alston Avenue Sidewalks

STIP/TIP #: C-5183 B

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	ROW	CMAQ	\$79,200	\$0	\$19,800	\$99,000
2019	Construction	CMAQ	\$565,160	\$0	\$141,290	\$706,450
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$644,360	\$0	\$161,090	\$805,450

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	CMAQ	\$644,360	\$0	\$161,090	\$805,450
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$644,360	\$0	\$161,090	\$805,450

Total Project  
Page 5 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move FY18 ROW funding to FY19 for Construction; funding is no longer needed for ROW.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Hillsborough Riverwalk Phase III

STIP/TIP #: C-5184

Jurisdiction/Agency: Hillsborough

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	STBGDA	\$518,850	\$0	\$129,713	\$648,563
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$518,850	\$0	\$129,713	\$648,563

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	CMAQ	\$518,850	\$0	\$129,713	\$648,563
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$518,850	\$0	\$129,713	\$648,563

Total Project  
Page 7 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Replace local discretionary STBGDA funds with CMAQ funds. Move Construction to FY19.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Downtown Multi-Use Path

STIP/TIP #: C-5605A

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2017	PE/Design	CMAQ	\$17,064	\$0	\$11,540	\$28,604
2017	ROW	CMAQ	\$5,852	\$0	\$3,957	\$9,809
2018	Construction	CMAQ	\$105,494	\$0	\$71,347	\$176,841
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$128,410	\$0	\$86,844	\$215,254

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2021	PE/Design	CMAQ	\$17,064	\$0	\$11,540	\$28,604
2021	ROW	CMAQ	\$5,852	\$0	\$3,957	\$9,809
2021	Construction	CMAQ	\$105,494	\$0	\$71,347	\$176,841
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$128,410	\$0	\$86,844	\$215,254

Total Project  
Page 9 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move all phases to FY21 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Durham Bike Lanes

STIP/TIP #: C-5605E

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	CMAQ	\$403,200	\$0	\$100,800	\$504,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$403,200	\$0	\$100,800	\$504,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	CMAQ	\$403,200	\$0	\$100,800	\$504,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$403,200	\$0	\$100,800	\$504,000

Total Project  
Page 11 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move Construction funding to FY19 to match current delivery schedule.

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



## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Durham Neighborhood Bike Routes

STIP/TIP #: C-5605I

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	CMAQ	\$429,673	\$0	\$111,210	\$540,883
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$429,673	\$0	\$111,210	\$540,883

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	CMAQ	\$429,673	\$0	\$111,210	\$540,883
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$429,673	\$0	\$111,210	\$540,883

Total Project  
Page 13 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move Construction funding to FY19 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Orange County Bicycle Route 1 (Fordham Boulevard)

STIP/TIP #: EB-5721

Jurisdiction/Agency: Chapel Hill

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	TAP	\$375,200	\$0	\$93,800	\$469,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$375,200	\$0	\$93,800	\$469,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	TAP	\$375,200	\$0	\$93,800	\$469,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$375,200	\$0	\$93,800	\$469,000

Total Project  
Page 15 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move Construction funding from FY18 to FY19 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-20-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Jones Ferry Road Sidewalk

STIP/TIP #: EB-5880

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	PE/Design	TAP	\$71,000	\$0	\$18,000	\$89,000
2020	ROW	TAP	\$25,000	\$0	\$0	\$25,000
2021	Construction	TAP	\$353,000	\$0	\$88,000	\$441,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$449,000	\$0	\$106,000	\$555,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2022	PE/Design	TAP	\$71,000	\$0	\$18,000	\$89,000
2023	ROW	TAP	\$25,000	\$0	\$6,000	\$31,000
2024	Construction	TAP	\$353,000	\$0	\$88,000	\$441,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$449,000	\$0	\$112,000	\$561,000

Total Project  
Page 17 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move all project phases back four years to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-20-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Estes Road Bike/Ped - Carrboro

STIP/TIP #: EB-5886A

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	PE/Design	TAP	\$135,655	\$0	\$33,914	\$169,569
2020	ROW	TAP	\$37,114	\$0	\$9,279	\$46,393
2021	Construction	TAP	\$678,274	\$0	\$169,568	\$847,842
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$851,043	\$0	\$212,761	\$1,063,804

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2020	PE/Design	TAP	\$135,655	\$0	\$33,914	\$169,569
2021	ROW	TAP	\$37,114	\$0	\$9,279	\$46,393
2022	Construction	TAP	\$678,274	\$0	\$169,568	\$847,842
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$851,043	\$0	\$212,761	\$1,063,804

Total Project  
Page 19 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move PE to FY20, ROW to FY21, and Construction to FY22 to match current delivery schedule.

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



## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-20-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Barnes Street Sidewalk

STIP/TIP #: EB-5890

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	PE/Design	TAP	\$37,000	\$0	\$9,000	\$46,000
2021	ROW	TAP	\$13,000	\$0	\$3,000	\$16,000
2022	Construction	TAP	\$184,000	\$0	\$46,000	\$230,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$234,000	\$0	\$58,000	\$292,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2022	PE/Design	TAP	\$37,000	\$0	\$9,000	\$46,000
2023	ROW	TAP	\$13,000	\$0	\$3,000	\$16,000
2024	Construction	TAP	\$184,000	\$0	\$46,000	\$230,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$234,000	\$0	\$58,000	\$292,000

Total Project  
Page 21 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move all project phases back three years to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Morgan Creek Greenway

STIP/TIP #: EL-4828A

Jurisdiction/Agency: Carrboro

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	STBGDA	\$298,000	\$0	\$74,000	\$372,000
2018	Construction	TAP-DA	\$730,000	\$0	\$182,000	\$912,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$1,028,000	\$0	\$256,000	\$1,284,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	STBGDA	\$298,000	\$0	\$74,000	\$372,000
2019	Construction	TAP-DA	\$730,000	\$0	\$182,000	\$912,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$1,028,000	\$0	\$256,000	\$1,284,000

Total Project  
Page 23 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move Construction funding to FY19 to match current delivery schedule. EL-4828A represents the first phase of the original EL-4828. Phase 2 of the project, which was EL-4828B, will be deleted.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: GoDurham Bus Replacement

STIP/TIP #: TA-6696

Jurisdiction/Agency: GoDurham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Capital	CMAQ	\$400,000	\$0	\$100,000	\$500,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$400,000	\$0	\$100,000	\$500,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Capital	CMAQ	\$800,000	\$0	\$200,000	\$1,000,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$800,000	\$0	\$200,000	\$1,000,000

Total Project  
Page 25 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Add \$400,000 in federal funding, and appropriate local match, in order to address cost increases. Move Capital funding to FY19 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Orange County Flex to Transit

STIP/TIP #: TP-5151

Jurisdiction/Agency: Orange County

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Implementation	STBGDA	\$17,330	\$0	\$4,333	\$21,663
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$17,330	\$0	\$4,333	\$21,663

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Implementation	STBGDA	\$17,330	\$0	\$4,333	\$21,663
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$17,330	\$0	\$4,333	\$21,663

Total Project  
Page 27 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move funding to FY19; funds will be flexed to FTA.

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



## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Hillandale Road Bike/Ped

STIP/TIP #: U-4726HN

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2017	ROW	STP-DA	\$26,225	\$0	\$6,556	\$32,781
2018	Construction	STP-DA	\$2,066,903	\$0	\$761,543	\$2,828,446
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$2,093,128	\$0	\$768,099	\$2,861,227

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	ROW	STP-DA	\$26,225	\$0	\$6,556	\$32,781
2020	Construction	STP-DA	\$2,066,903	\$0	\$761,543	\$2,828,446
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$2,093,128	\$0	\$768,099	\$2,861,227

Total Project  
Page 29 of 44 Cost

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

### **Project Details - Continued**

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

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

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

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

Move ROW to FY19 and Construction to FY20 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Carpenter Fletcher Road Bike/Ped

STIP/TIP #: U-4726HO

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2017	ROW	STP-DA	\$21,855	\$0	\$5,464	\$27,319
2018	Construction	STP-DA	\$3,204,976	\$0	\$1,076,411	\$4,281,387
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$3,226,831	\$0	\$1,081,875	\$4,308,706

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	ROW	STP-DA	\$21,855	\$0	\$5,464	\$27,319
2020	Construction	STP-DA	\$3,204,976	\$0	\$1,076,411	\$4,281,387
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$3,226,831	\$0	\$1,081,875	\$4,308,706

Total Project  
Page 31 of 44 Cost

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

### **Project Details - Continued**

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

If this amendment has already been reflected in the NCDOT STIP,  
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Project Description/Details/Termini/etc. to be amended (if applicable):

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

Move ROW to FY19 and Construction to FY20 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Homestead Road Sidewalks

STIP/TIP #: U-4726IK

Jurisdiction/Agency: Chapel Hill

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	STBGDA	\$428,750	\$0	\$107,188	\$535,938
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$428,750	\$0	\$107,188	\$535,938

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	STBGDA	\$428,750	\$0	\$107,188	\$535,938
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$428,750	\$0	\$107,188	\$535,938

Total Project  
Page 33 of 44 Cost

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

### **Project Details - Continued**

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

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

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

Move Construction funding to FY19 to match current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Variable Message Signs in Chapel Hill

STIP/TIP #: U-5543

Jurisdiction/Agency: Chapel Hill

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	STBGDA	\$786,200	\$0	\$196,550	\$982,750
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$786,200	\$0	\$196,550	\$982,750

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	STBGDA	\$786,200	\$0	\$196,550	\$982,750
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$786,200	\$0	\$196,550	\$982,750

Total Project  
Page 35 of 44 Cost

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

### **Project Details - Continued**

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

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

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Move Construction funding to FY19 to match current delivery schedule.

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

**DIVISION 5**

\* U-6116 US 401, SR 1375 (SIMPKINS ROAD) TO SR 2538  
WAKE (MECHANICAL BOULEVARD) IN GARNER. WIDEN TO 6  
PROJ.CATEGORY LANES AND CONVERT TO SUPERSTREET.  
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.

\* U-6117 VARIOUS, APEX TOWNWIDE SIGNAL SYSTEM.  
WAKE UPGRADE EXISTING INFRASTRUCTURE AND INSTALL  
PROJ.CATEGORY NEW FIBER, CONTROLLERS, SIGNALS, AND OTHER  
REGIONAL EQUIPMENT AS NECESSARY.  
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.

\* U-6118 NC 55, MERIDIAN PARKWAY TO I-40 INTERCHANGE IN  
DURHAM DURHAM. ADD THIRD SOUTHBOUND LANE AND  
PROJ.CATEGORY UPGRADE RAMP TERMINALS.  
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.

\* U-6119 VARIOUS, RALEIGH CITYWIDE SIGNAL SYSTEM.  
WAKE UPGRADE SOFTWARE FOR EXISTING ITS SYSTEM.  
PROJ.CATEGORY PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
REGIONAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.

**DIVISION 6**

\* B-6039 SR 1904 (RED BUG ROAD), REPLACE BRIDGE NUMBER CONSTRUCTION FY 2019 - \$800,000 (STBG)  
COLUMBUS 230211 OVER JOCKEY BRANCH. \$800,000  
PROJ.CATEGORY PROJECT ADDED AT REQUEST OF DIVISION.  
DIVISION

R-5888 NC 41 (MARTIN LUTHER KING DRIVE), SR 2110 (SNAKE  
ROBESON ROAD) TO SYCAMORE LANE. WIDEN EXISTING  
PROJ.CATEGORY ROADWAY.  
REGIONAL PROGRAMMED FOR PLANNING AND ENVIRONMENTAL  
STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI  
PROJECT.

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

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

**DIVISION 7**

* B-6037	NC 86, REPLACE BRIDGE 670049 OVER NORTH	RIGHT-OF-WAY	FY 2021 -	\$250,000	(NHPB)
ORANGE	CAROLINA RAILROAD / NORFOLK SOUTHERN	CONSTRUCTION	FY 2023 -	\$2,500,000	(NHPB)
PROJ.CATEGORY	RAILROAD.			\$2,750,000	
REGIONAL	<u><b>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</b></u>				

* B-6038	NC 14 / NC 87, REPLACE BRIDGE 780155 OVER	RIGHT-OF-WAY	FY 2021 -	\$390,000	(NHPB)
ROCKINGHAM	NORFOLK SOUTHERN RAILROAD.	CONSTRUCTION	FY 2023 -	\$3,900,000	(NHPB)
PROJ.CATEGORY				\$4,290,000	
REGIONAL	<u><b>PROJECT ADDED AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</b></u>				

* P-5747	NCRR NORFOLK SOUTHERN H LINE, SOUTH ENGLISH				
GUILFORD	STREET IN GREENSBORO. CONSTRUCT GRADE				
PROJ.CATEGORY	SEPARATION AND CLOSE CROSSING 722955X.				
REGIONAL	<u><b>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</b></u>				

* R-5889	US 29 (FUTURE I-785), SR 2565 (HICONE ROAD) IN				
GUILFORD	GREENSBORO TO US 158 / NC 14 IN REIDSVILLE.				
ROCKINGHAM	UPGRADE CORRIDOR TO INTERSTATE STANDARDS.				
PROJ.CATEGORY	<u><b>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</b></u>				
REGIONAL					

* U-6108	US 220 / SR 2254 (WENDOVER AVENUE), US 220				
GUILFORD	(BATTLEGROUND AVENUE) IN GREENSBORO.				
PROJ.CATEGORY	RECONFIGURE BATTLEGROUND AVENUE, LAWDALE				
REGIONAL	DRIVE, AND WESTOVER TERRACE BETWEEN				
	FERNWOOD DRIVE AND WENDOVER AVENUE.				
	IMPROVE TRAFFIC FLOW AND SAFETY. IMPROVE				
	WENDOVER AVENUE CONNECTIONS AT WESTOVER				
	TERRACE, BATTLEGROUND COURT AND WINSTEAD				
	PLACE. ACCOMMODATE PEDESTRIANS, BICYCLES				
	AND THE A&Y GREENWAY. MAY INCLUDE ROADWAY				
	BRIDGES, PEDESTRIAN GRADE SEPARATIONS, AND				
	MODIFICATIONS TO INTERSECTING STREETS WITHIN				
	THE CORRIDOR.				
	<u><b>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDY ONLY TO EXPEDITE DELIVERY OF NEW STI PROJECT.</b></u>				

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\* INDICATES FEDERAL AMENDMENT

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

**DIVISION 4**

* W-5204 EDGEcombe HALIFAX JOHNSTON NASH WAYNE WILSON	VARIOUS, DIVISION 4 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. <u><b>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</b></u>	CONSTRUCTION	FY 2019 -	<u>\$1,600,000</u>	(HSIP)
				\$1,600,000	

* W-5600 JOHNSTON PROJ.CATEGORY REGIONAL	US 70, US 70 BUSINESS TO NEUSE RIVER BRIDGE. CONVERT TO FREEWAY WITH INTERCHANGES AT SR 1501 (SWIFT CREEK ROAD) AND SR 1919 (WILSON'S MILLS ROAD). <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2019 -	<u>\$10,225,000</u> <u>\$1,325,000</u> <u>\$77,000,000</u>	(NHP) (NHP) (NHP)
				\$88,550,000	

**DIVISION 5**

B-5318 WAKE PROJ.CATEGORY DIVISION	SR 2044 (LIGON MILL ROAD), REPLACE BRIDGE 910126 OVER SMITHS CREEK IN WAKE FOREST. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19 AND CONSTRUCTION FROM FY 19 TO FY 20.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2019 - FY 2019 - FY 2020 -	<u>\$180,000</u> <u>\$1,124,000</u> <u>\$3,300,000</u>	(STBGOFF) (STBGOFF) (STBGOFF)
				\$4,604,000	
P-5706 DURHAM PROJ.CATEGORY STATEWIDE	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 (734737A), GLOVER ROAD (734735L), AND WRENN ROAD (734736T) IN DURHAM. <u><b>REVISE PROJECT DESCRIPTION AT RAIL DIVISION REQUEST TO CLARIFY SCOPE OF WORK.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2028 - FY 2028 -	<u>\$9,327,000</u> <u>\$10,891,000</u> <u>\$167,000</u> <u>\$10,891,000</u> <u>\$167,000</u> <u>\$10,891,000</u> <u>\$166,000</u>	(T) (T) (O) (T) (O) (T) (O)
				\$42,500,000	

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\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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

**DIVISION 5**

* P-5707	CSX S LINE, CONSTRUCT GRADE SEPARATION AT	CONSTRUCTION	FY 2019 -	\$11,800,000	(T)
WAKE	ROGERS ROAD EXTENSION CROSSING (633905Y) IN		FY 2020 -	\$11,800,000	(T)
PROJ.CATEGORY	WAKE FOREST.			\$23,600,000	
REGIONAL	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>				
* R-5785	VARIOUS, DIVISION 5 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
DURHAM	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
FRANKLIN	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
GRANVILLE	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
PERSON	<u><b>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</b></u>			\$5,000,000	
VANCE					
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					
* U-5302	US 401, SOUTH OF SR 1006 (OLD STAGE ROAD) TO	RIGHT-OF-WAY	FY 2019 -	\$850,000	(T)
WAKE	SOUTH OF SR 2538 (MECHANICAL BOULEVARD) /	BUILD NC CONST	FY 2020 -	\$1,030,000	(T)
PROJ.CATEGORY	GARNER STATION BOULEVARD IN GARNER. CONVERT		FY 2021 -	\$1,030,000	(T)
REGIONAL	TO SUPERSTREET.		FY 2022 -	\$1,030,000	(T)
	<u><b>PROJECT TO UTILIZE BUILD NC BONDS</b></u>		FY 2023 -	\$1,030,000	(T)
			FY 2024 -	\$1,030,000	(T)
			FY 2025 -	\$1,030,000	(T)
			FY 2026 -	\$1,030,000	(T)
			FY 2027 -	\$1,030,000	(T)
			FY 2028 -	\$1,030,000	(T)
			FY 2029 -	\$1,030,000	(T)
			POST YR-	\$5,150,000	(T)
		CONSTRUCTION	FY 2020 -	\$1,200,000	(T)
				\$17,500,000	

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\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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

**DIVISION 6**

* R-5786	VARIOUS, DIVISION 6 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
BLADEN	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
COLUMBUS	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
CUMBERLAND	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	\$800,000	(O)
HARNETT	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</u>			\$5,000,000	
ROBESON	<u>PROGRAMMED.</u>				
PROJ.CATEGORY					
DIVISION					

* U-4405	US 401 (RAEFORD ROAD), WEST OF HAMPTON OAKS	CONSTRUCTION	FY 2018 -	\$45,100,000	(STBG)
CUMBERLAND	DRIVE TO EAST OF FAIRWAY DRIVE IN FAYETTEVILLE.		FY 2019 -	\$45,100,000	(STBG)
PROJ.CATEGORY	CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.			\$90,200,000	
DIVISION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

**DIVISION 7**

B-5713	WILLOW ROAD, REPLACE BRIDGE 400352 OVER I-40 /	RIGHT-OF-WAY	FY 2019 -	\$166,000	(NHPB)
GUILFORD	BUSINESS 85 IN GREENSBORO.	CONSTRUCTION	FY 2019 -	\$3,318,000	(NHPB)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$3,484,000	
DIVISION	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 18 TO FY 19,</u>				
	<u>AT REQUEST OF STRUCTURES MANAGEMENT UNIT.</u>				

EB-4707A	SR 1838 / SR 2220, US 15 / US 501 IN ORANGE COUNTY	CONSTRUCTION	FY 2019 -	\$1,925,000	(STBGDA)
DURHAM	TO SR 1113 (POPE ROAD) IN DURHAM COUNTY		FY 2019 -	\$525,000	(TAP)
ORANGE	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>		FY 2019 -	\$350,000	(TAPDA)
PROJ.CATEGORY	<u>RIGHT-OF-WAY PHASE, DELAY CONSTRUCTION FROM</u>		FY 2019 -	\$700,000	(L)
TRANSITION	<u>FY 18 TO FY 19.</u>			\$3,500,000	

EB-5888	SR 1747 (EAST STADIUM DRIVE), SR 1962 (NORTH	ENGINEERING	FY 2019 -	\$40,000	(TAP)
ROCKINGHAM	PIERCE STREET) TO FREEDOM PARK IN EDEN.		FY 2019 -	\$10,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK.	CONSTRUCTION	FY 2020 -	\$354,000	(TAP)
DIVISION	<u>PENDING EXECUTION OF MUNICIPAL AGREEMENT,</u>		FY 2020 -	\$89,000	(L)
	<u>DELAY ENGINEERING FROM FY 18 TO FY 19.</u>			\$493,000	

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\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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

**DIVISION 7**

* I-5711	I-40 / I-85, SR 1007 (MEBANE-OAKS ROAD) IN MEBANE.	RIGHT-OF-WAY	FY 2018 -	\$3,215,000	(NHP)
ALAMANCE	INTERCHANGE IMPROVEMENTS.	UTILITIES	FY 2018 -	\$661,000	(NHP)
PROJ.CATEGORY	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25%</b></u>	CONSTRUCTION	FY 2019 -	<u>\$10,700,000</u>	(NHP)
STATEWIDE	<u><b>THRESHOLDS.</b></u>			\$14,576,000	
* R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), US 29 / SR	RIGHT-OF-WAY	FY 2019 -	\$3,488,000	(T)
GUILFORD	4771 (REEDY FORK PARKWAY) INTERCHANGE	UTILITIES	FY 2019 -	\$485,000	(T)
PROJ.CATEGORY	IMPROVEMENTS IN GREENSBORO. IMPROVE	BUILD NC ROW	FY 2019 -	\$1,287,000	(T)
REGIONAL	ROADWAY, MODIFY INTERCHANGE, AND REPLACE		FY 2020 -	\$1,287,000	(T)
	BRIDGE 400360		FY 2021 -	\$1,287,000	(T)
	<u><b>PROJECT TO UTILIZE BUILD NC BONDS.</b></u>		FY 2022 -	\$1,287,000	(T)
			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$5,148,000	(T)
		CONSTRUCTION	FY 2020 -	\$11,467,000	(T)
			FY 2021 -	\$11,467,000	(T)
			FY 2022 -	<u>\$11,466,000</u>	(T)
				\$57,678,000	
* R-5787	VARIOUS, DIVISION 7 PROGRAM TO UPGRADE	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
ALAMANCE	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2018 -	\$200,000	(O)
CASWELL	WITH DISABILITIES ACT (ADA) USING		FY 2019 -	\$3,200,000	(TAP)
GUILFORD	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2019 -	<u>\$800,000</u>	(O)
ORANGE	<u><b>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY</b></u>			\$5,000,000	
ROCKINGHAM	<u><b>PROGRAMMED.</b></u>				
PROJ.CATEGORY					
DIVISION					

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

\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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

**DIVISION 8**

* R-3830	NC 42; SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42, US 421 (HORNER BOULEVARD) IN SANFORD TO SR 1579 (BROADWAY ROAD) AND SR 1579 (BROADWAY ROAD / NORTH MAIN STREET), NC 42 (AVENTS FERRY ROAD) TO SR 1538 (EAST HARRINGTON AVENUE) IN BROADWAY. WIDEN TO MULTILANES.	BUILD NC CONST	FY 2020 -	\$1,287,000	(T)
LEE			FY 2021 -	\$1,287,000	(T)
PROJ.CATEGORY			FY 2022 -	\$1,287,000	(T)
DIVISION			FY 2023 -	\$1,287,000	(T)
			FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$6,435,000	(T)
		CONSTRUCTION	FY 2020 -	\$5,400,000	(T)
			FY 2021 -	\$5,400,000	(T)
			FY 2022 -	\$5,400,000	(T)
				\$35,505,000	
* R-5788	VARIOUS, DIVISION 8 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	CONSTRUCTION	FY 2018 -	\$800,000	(TAP)
CHATHAM			FY 2018 -	\$200,000	(O)
HOKE			FY 2019 -	\$3,200,000	(TAP)
LEE			FY 2019 -	\$800,000	(O)
MONTGOMERY				\$5,000,000	
MOORE	<u>ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.</u>				
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

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

\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018

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

**DIVISION 3**

* AV-5797	WILMINGTON INTERNATIONAL (ILM), VARIOUS	CONSTRUCTION	FY 2026 -	\$500,000	(T)
NEW HANOVER	IMPROVEMENTS.			\$500,000	
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF MPO.</u>				
STATEWIDE					

**DIVISION 7**

* I-5822	I-40, I-85 TO EAST OF SR 1734 (ERWIN ROAD).	CONSTRUCTION	FY 2019 -	\$12,450,000	(NHPIM)
ORANGE	PAVEMENT REHABILITATION.			\$12,450,000	
PROJ.CATEGORY	<u>DELETE PROJECT AT THE REQUEST OF DIVISION.</u>				
STATEWIDE	<u>WORK TO BE INCORPORATED INTO PROJECT I-3306A.</u>				

**DIVISION 13**

* R-5528A	NEW ROUTE, CONSTRUCT ACCESS ROAD OFF SR 1129
MITCHELL	(HENREDON ROAD) FROM THE END OF PHASE I
PROJ.CATEGORY	PROJECT.
EXEMPT	<u>DELETE AT THE REQUEST OF MITCHELL COUNTY.</u>

**DIVISION 14**

* B-6027	SR 1472 (SNOW HILL ROAD), REPLACE BRIDGE 550088	RIGHT-OF-WAY	FY 2019 -	\$90,000	(STBG OFF)
MACON	OVER COWEE CREEK.	CONSTRUCTION	FY 2020 -	\$900,000	(STBG OFF)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
DIVISION	<u>PROJECT 17BP.14.R.162.</u>				
				\$990,000	

* R-5838	NC 108, I-26 TO US 176. WIDEN ROADWAY.	RIGHT-OF-WAY	FY 2021 -	\$9,400,000	(T)
POLK	<u>DELETE PROJECT AT THE REQUEST OF RPO IN</u>	UTILITIES	FY 2021 -	\$1,200,000	(T)
PROJ.CATEGORY	<u>CONCURRENCE WITH THE DIVISION.</u>	CONSTRUCTION	FY 2022 -	\$9,250,000	(T)
DIVISION			FY 2023 -	\$9,250,000	(T)
			FY 2024 -	\$9,250,000	(T)
			FY 2025 -	\$9,250,000	(T)
				\$47,600,000	

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

\* INDICATES FEDERAL AMENDMENT

Thursday, September 06, 2018



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

**AMENDMENT #6  
October 10, 2018**

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

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

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

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

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

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

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

**WHEREAS**, 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 #6 to the FY 2018-2027 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on October 10, 2018, and as described in the “FY 2018-2027 TIP Amendment #6 Summary Sheet” on this, the 10th day of October, 2018.

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Damon Seils, MPO Board Chair

Durham County, North Carolina

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

Date: October 10, 2018

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\_\_\_\_\_, Notary Public  
My commission expires: \_\_\_\_\_

Durham - Chapel Hill - Carrboro  
Metropolitan Planning Organization Technical Committee  
October 10, 2018

**FY 2018-2027 TIP Amendment #7 Summary Sheet**

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

- **C-5179 North Estes Drive:** Move Construction to FY19 and increase CMAQ funding.
- **EB-4707A Old Durham Road Bike/Ped:** Add TAP, TAP-DA and STBGDA funding for Construction in FY19.
- **EB-4707B Old Chapel Hill Road Bike/Ped:** Add CMAQ and STBGDA funding for Construction in FY19.

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: North Estes Drive

STIP/TIP #: C-5179

Jurisdiction/Agency: Chapel Hill

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	CMAQ	\$1,630,000	\$0	\$408,000	\$2,038,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$1,630,000	\$0	\$408,000	\$2,038,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	CMAQ	\$2,646,618	\$0	\$661,655	\$3,308,273
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$2,646,618	\$0	\$661,655	\$3,308,273

Total Project  
Page 1 of 6 Cost

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

### **Project Details - Continued**

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

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

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

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

Move Construction to FY19 in order to match current delivery schedule. Increase CMAQ funding in order to address cost increases.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Old Durham Road Bike/Ped

STIP/TIP #: EB-4707A

Jurisdiction/Agency: Chapel Hill

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2018	Construction	STBGDA	\$1,540,000	\$0	\$385,000	\$1,925,000
2018	Construction	TAP-DA	\$280,000	\$0	\$70,000	\$350,000
2018	Construction	LOCAL	\$569,000	\$0	\$569,000	\$1,138,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$2,389,000	\$0	\$1,024,000	\$3,413,000

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2019	Construction	STBGDA	\$2,577,068	\$0	\$644,267	\$3,221,335
2019	Construction	TAP-DA	\$1,006,636	\$0	\$251,659	\$1,258,295
2019	Construction	TAP	\$0	\$525,000	\$0	\$525,000
2019	Construction	LOCAL	\$0	\$0	\$128,074	\$128,074
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$3,583,704	\$0	\$1,024,000	\$5,132,704

Total Project  
Page 3 of 6 Cost

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

### **Project Details - Continued**

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

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

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

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

Add state TAP funds and additional STBGDA and TAP-DA funds. Move all funds to FY19 to meet current delivery schedule.

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

## TIP Amendment Request - Revise An Existing Project

### Amendment Request Details



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



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



There are previous  
amendments to  
this project.

Date: 9-4-18

Amendment Requested By: DCHC MPO

### Existing Project Details

Project Name: Old Chapel Hill Road Bike/Ped

STIP/TIP #: EB-4707B

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2016	ROW	STP-DA	\$1,665,426	\$0	\$416,356	\$2,081,782
2017	Construction	STP-DA	\$3,392,850	\$250,000	\$598,212	\$4,241,062
2017	Construction	HP	\$2,002,950	\$0	\$500,738	\$2,503,688
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$7,061,226	\$250,000	\$1,515,306	\$8,826,532

Total Project  
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
2016	ROW	STP-DA	\$1,665,426	\$0	\$416,356	\$2,081,782
2017	Construction	STP-DA	\$3,392,850	\$250,000	\$598,212	\$4,241,062
2017	Construction	HP	\$2,002,950	\$0	\$500,738	\$2,503,688
2019	Construction	CMAQ	\$1,710,393	\$0	\$427,598	\$2,137,991
			\$0	\$0	\$0	\$0
2019	Construction	STBGDA	\$309,812	\$0	\$77,453	\$387,265
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$9,081,431	\$250,000	\$2,020,357	\$11,351,788

Total Project  
Page 5 of 6 Cost



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

### **Project Details - Continued**

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

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

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

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

Add CMAQ and STBGDA funds to address cost increases.

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

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

**AMENDMENT #7  
November 14, 2018**

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

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

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

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

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

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

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

**WHEREAS**, 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 #7 to the FY 2018-2027 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on November 14, 2018, and as described in the “FY 2018-2027 TIP Amendment #7 Summary Sheet” on this, the 14th day of November, 2018.

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Damon Seils, MPO Board Chair

Durham County, North Carolina

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

Date: November 14, 2018

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\_\_\_\_\_, Notary Public  
My commission expires: \_\_\_\_\_

## MEMORANDUM

**To:** DCHC MPO Board

**From:** DCHC MPO Lead Planning Agency

**Date:** October 10, 2018

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

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

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

### **Major UPWP – Projects**

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

- ✓ Completed
- Farrington Road Amendment likely to be adopted – September 2018

#### **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

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

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

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

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

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

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

**MPO Website Update and Maintenance**

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

**Triangle Regional Model Update**

- ✓ Completed
- Work Commences on the Rolling Household Survey

**Prioritization 5.0/STI/FY 2020-2029 TIP Development**

- ✓ Summarize MPO P4 projects not funded (“Holding Tank” for P5) –February 2017
- ✓ Board approves existing projects revisions/modifications projects to be submitted for SPOT-5 – May 10, 2017 (deadline July 30, 2017)
- ✓ Preparation and ranking of new projects (23 for each mode) –February to June 2017
- ✓ Existing project revision/modification/deletion due to NCDOT for receiving extra new submittals (one out, one in) – July 30, 2017
- ✓ SPOT-5 Online opens for entering new P5 projects July 5 (deadline September 29, 2017)
- ✓ Board approves new projects to be submitted for SPOT-5 – September 13, 2017
- ✓ MPO submits new SPOT-5 projects to NCDOT – September 29, 2017
- ✓ LPA updates local ranking methodology – December 2017
- ✓ TCC makes recommendation on local ranking methodology – January 2018
- ✓ Board approves local ranking methodology – March 2018
- ✓ MPO applies local ranking methodology for Regional projects – April 2018
- ✓ Board releases MPO initial Regional points list for local input/public comments – May 9, 2018
- ✓ LPA addresses public comments and makes draft recommendation on local points for Regional category – June 2018
- ✓ Approval of Regional Impact points – June-July 2018
- ✓ Submission of Regional Impact points to NCDOT – July 2018
- ✓ MPO applies local ranking methodology for Division projects – August 2018
- ✓ Board releases MPO initial Division points list for local input/public comments – August 2018
- LPA addresses public comments and makes draft recommendation on local points for Division category – September 2018
- Approval of Division Impact points – October 2018
- Submission of Regional Impact points to NCDOT – November 2, 2018
- Draft STIP Released – January 2019

**Regional Freight Plan**

- ✓ Consultant Selection/Contract Approval Complete
- ✓ Kick-Off Meeting – Conducted in July 2015
- ✓ Stakeholder outreach and engagement – October 2015
- ✓ Formation of the freight advisory committee – October 2015
- ✓ Data collection, analysis and assessment – November 2015
- ✓ Freight goals & objectives and performance measures – February 2016
- ✓ Analysis of freight existing conditions and trends – TBD
- ✓ Forecasts of future demands (2035 and 2045) – TBD
- ✓ Evaluation of future conditions – TBD
- ✓ Strategic freight corridors and zones – TBD
- ✓ Recommendation & implementation strategies – TBD
- Final report and presentation – September 2018

- Release formal report for public comment – September 2018
- Approve final report – November 2018

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

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

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

- ✓ Project kick-off and initial public engagement – February 2017
- ✓ Transportation analysis (and public engagement) – June 2017
- ✓ Conceptual designs and options (and public engagement) – September/October 2017
- ✓ Draft Final plan – February 2018
- ✓ Recommendation/Public workshop – Underway
- Release final report for comment – August 2018
- Approve formal report – October 2018

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

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

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

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

### **Regional Intelligent Transportation System**

- ✓ Project management plan
- Development of public involvement strategy and communication plan
- Conduct stakeholder workshops
- Analysis of existing conditions
- Assessment of need and gaps
- Review existing deployments and evaluate technologies
- Identification of ITS strategies
- Update Triangle Regional Architecture
- Develop Regional Architecture Use and maintenance
- Develop project prioritization methodology
- Prepare Regional ITS Deployment Plan and Recommendation
- 

### **Regional Toll Study**

- ✓ Prepare project management and coordination plan
- ✓ Project initiation
- ✓ Survey and questionnaire/education
- ✓ Data preparation /data collection/screening
- ✓ Review state of the practice
- ✓ Analysis of market characteristics
- Screening and presentation to MPO Boards at joint MPO Board Meeting – October 2018
- Tolling and managed lane strategies
- Recommendations
- Project prioritization

### **Project Development/NEPA**

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

### **DOLRT-Engineering**

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

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

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

### **Up Coming Projects**

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



<b>Contract Number:</b> C203394		<b>Route:</b> I-885, NC-147, NC-98 US-70	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> U-0071			
<b>Length:</b> 4.009 miles		<b>Federal Aid Number:</b>	
<b>NCDOT Contact:</b> Cameron D. Richards		<b>NCDOT Contact No:</b> (919)835-8200	
<b>Location Description:</b> EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM.			
<b>Contractor Name:</b> DRAGADOS USA INC			
<b>Contract Amount:</b> \$141,949,500.00		<b>Cost Overrun/Underrun:</b> 9.24%	
<b>Work Began:</b> 02/26/2015		<b>Letting Date:</b> 11/18/2014	
<b>Original Completion Date:</b> 05/10/2020		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 09/22/2018		<b>Scheduled Progress:</b> 70.91%	
<b>Latest Payment Date:</b>		<b>Actual Progress:</b> 70.86%	

<b>Contract Number:</b> C203492		<b>Route:</b> SR-2220	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> EB-4707B			
<b>Length:</b> 1.756 miles		<b>Federal Aid Number:</b> STPDA-0505(64)	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> SR-2220 (OLD CHAPEL HILL ROAD) FROM SR-1113 (POPE ROAD) TO SR-1116 (GARRETT ROAD).			
<b>Contractor Name:</b> FSC II LLC DBA FRED SMITH COMPANY			
<b>Contract Amount:</b> \$7,295,544.75		<b>Cost Overrun/Underrun:</b> 5.5%	
<b>Work Began:</b> 06/26/2017		<b>Letting Date:</b> 05/16/2017	
<b>Original Completion Date:</b> 05/14/2019		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 08/31/2018		<b>Scheduled Progress:</b> 74.9%	
<b>Latest Payment Date:</b> 09/13/2018		<b>Actual Progress:</b> 68.14%	

<b>Contract Number:</b> C203567		<b>Route:</b> NC-55	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> U-3308			
<b>Length:</b> 1.134 miles		<b>Federal Aid Number:</b> STP-55(20)	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST).			
<b>Contractor Name:</b> ZACHRY CONSTRUCTION CORPORATION			
<b>Contract Amount:</b> \$39,756,916.81		<b>Cost Overrun/Underrun:</b> 2.77%	
<b>Work Began:</b> 10/05/2016		<b>Letting Date:</b> 07/19/2016	
<b>Original Completion Date:</b> 03/30/2020		<b>Revised Completion Date:</b> 07/16/2020	
<b>Latest Payment Thru:</b> 09/15/2018		<b>Scheduled Progress:</b> 42.1%	
<b>Latest Payment Date:</b> 09/25/2018		<b>Actual Progress:</b> 33.26%	

<b>Contract Number:</b> C203987		<b>Route:</b> SR-1616	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> B-4943			
<b>Length:</b> 0.18 miles		<b>Federal Aid Number:</b> BRZ-1616(10)	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> BRIDGE #20 OVER DIAL CREEK ON SR-1616.			
<b>Contractor Name:</b> FSC II LLC DBA FRED SMITH COMPANY			
<b>Contract Amount:</b> \$1,475,475.00		<b>Cost Overrun/Underrun:</b> 1.97%	
<b>Work Began:</b> 05/07/2018		<b>Letting Date:</b> 01/16/2018	
<b>Original Completion Date:</b> 04/30/2019		<b>Revised Completion Date:</b> 05/14/2019	
<b>Latest Payment Thru:</b> 08/31/2018		<b>Scheduled Progress:</b> 65.5%	
<b>Latest Payment Date:</b> 09/13/2018		<b>Actual Progress:</b> 69.46%	

<b>Contract Number:</b> C204087		<b>Route:</b> US-70	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b>			
<b>Length:</b> 44.124 miles		<b>Federal Aid Number:</b>	
<b>NCDOT Contact:</b> Cameron D. Richards		<b>NCDOT Contact No:</b> (919)835-8200	
<b>Location Description:</b> 1 SECTION OF US-70 AND 106 SECTIONS OF SECONDARY ROADS.			
<b>Contractor Name:</b> CAROLINA SUNROCK LLC			
<b>Contract Amount:</b> \$7,054,264.20		<b>Cost Overrun/Underrun:</b> 4.26%	
<b>Work Began:</b> 01/16/2018		<b>Letting Date:</b> 09/19/2017	
<b>Original Completion Date:</b> 11/15/2018		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 08/31/2018		<b>Scheduled Progress:</b> 30%	
<b>Latest Payment Date:</b> 09/20/2018		<b>Actual Progress:</b> 32.99%	

<b>Contract Number:</b> C204167		<b>Route:</b> -, SR-1118, SR-1407 SR-1648, SR-1811	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b>			
<b>Length:</b> 24.77 miles		<b>Federal Aid Number:</b> STATE FUNDED	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> 51 SECTIONS OF SECONDARY ROADS.			
<b>Contractor Name:</b> CAROLINA SUNROCK LLC			
<b>Contract Amount:</b> \$0.00		<b>Cost Overrun/Underrun:</b> 0%	
<b>Work Began:</b> 08/01/2018		<b>Letting Date:</b> 05/15/2018	
<b>Original Completion Date:</b> 11/30/2019		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b>		<b>Scheduled Progress:</b> 0%	
<b>Latest Payment Date:</b>		<b>Actual Progress:</b> 0%	

<b>Contract Number:</b> C204168		<b>Route:</b> -	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b>			
<b>Length:</b> 15.188 miles		<b>Federal Aid Number:</b> STATE FUNDED	
<b>NCDOT Contact:</b> Cameron D. Richards		<b>NCDOT Contact No:</b> (919)835-8200	
<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>Cost Overrun/Underrun:</b> 0.76%	
<b>Work Began:</b> 07/02/2018		<b>Letting Date:</b> 05/15/2018	
<b>Original Completion Date:</b> 11/30/2019		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 08/31/2018		<b>Scheduled Progress:</b> 20%	
<b>Latest Payment Date:</b> 09/11/2018		<b>Actual Progress:</b> 20.62%	

<b>Contract Number:</b> DE00173		<b>Route:</b> SR-1104	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> W-5205V			
<b>Length:</b> 0 miles		<b>Federal Aid Number:</b> HSIP-1104(19)	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> SR 1104/SR 1105 (HERNDON RD) AT SR 1106 (MASSEY CHAPEL/ BARBEE RD) IN DURHAM COUNTY			
<b>Contractor Name:</b> TRIANGLE GRADING & PAVING INC			
<b>Contract Amount:</b> \$1,046,988.75		<b>Cost Overrun/Underrun:</b> 18.91%	
<b>Work Began:</b> 05/01/2017		<b>Letting Date:</b> 11/09/2016	
<b>Original Completion Date:</b> 08/18/2017		<b>Revised Completion Date:</b> 11/05/2017	
<b>Latest Payment Thru:</b> 09/15/2018		<b>Scheduled Progress:</b> 100%	
<b>Latest Payment Date:</b> 09/25/2018		<b>Actual Progress:</b> 87.33%	

<b>Contract Number:</b> DE00206		<b>Route:</b> SR-1308	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b>			
<b>Length:</b> 0.23 miles		<b>Federal Aid Number:</b>	
<b>NCDOT Contact:</b> Cameron D. Richards		<b>NCDOT Contact No:</b> (919)835-8200	
<b>Location Description:</b> BRIDGE #117 OVER MUD CREEK SR 1308 (CORNWALLIS ROAD)			
<b>Contractor Name:</b> DANE CONSTRUCTION INC			
<b>Contract Amount:</b> \$919,328.69		<b>Cost Overrun/Underrun:</b> 19.81%	
<b>Work Began:</b> 05/09/2018		<b>Letting Date:</b> 12/13/2017	
<b>Original Completion Date:</b> 02/24/2019		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 09/15/2018		<b>Scheduled Progress:</b> 100%	
<b>Latest Payment Date:</b> 09/25/2018		<b>Actual Progress:</b> 79.12%	

<b>Contract Number:</b> DE00228		<b>Route:</b> I-85	
<b>Division:</b> 5		<b>County:</b> Durham	
<b>TIP Number:</b> I-5729			
<b>Length:</b> 5.61 miles		<b>Federal Aid Number:</b> NHPP-0085(013)	
<b>NCDOT Contact:</b> James M. Nordan, PE		<b>NCDOT Contact No:</b> (919)220-4680	
<b>Location Description:</b> I-85 FROM US-15/501 TO EAST OF SR-1827 (MIDLAND TERRACE RD) IN DURHAM			
<b>Contractor Name:</b> INTERSTATE IMPROVEMENT INC			
<b>Contract Amount:</b> \$4,168,265.78		<b>Cost Overrun/Underrun:</b> 56.23%	
<b>Work Began:</b> 03/13/2018		<b>Letting Date:</b> 10/11/2017	
<b>Original Completion Date:</b> 11/01/2018		<b>Revised Completion Date:</b>	
<b>Latest Payment Thru:</b> 08/22/2018		<b>Scheduled Progress:</b> 100%	
<b>Latest Payment Date:</b> 08/28/2018		<b>Actual Progress:</b> 76.06%	

<b>Contract Number:</b> DE00248		<b>Route:</b> SR-1637	
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<b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 0.18 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> BRIDGE #72 IN DURHAM COUNTY <b>Contractor Name:</b> DANE CONSTRUCTION INC <b>Contract Amount:</b> \$1,123,051.10 <b>Work Began:</b> 06/14/2018 <b>Original Completion Date:</b> 03/21/2019 <b>Latest Payment Thru:</b> 09/07/2018 <b>Latest Payment Date:</b> 09/13/2018	<b>County:</b> Durham <b>Federal Aid Number:</b> 15005.1032011 <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 0.4% <b>Letting Date:</b> 05/23/2018 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 66% <b>Actual Progress:</b> 61.18%
<b>Contract Number:</b> DE00253 <b>Division:</b> 5 <b>TIP Number:</b> W-5705K <b>Length:</b> 0 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> SR 1327 (GREGSON ST) AND LAMOND AVE <b>Contractor Name:</b> TRAFFIC CONTROL DEVICES INC <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> 09/01/2018 <b>Original Completion Date:</b> 02/28/2019 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>	<b>Route:</b> - <b>County:</b> Durham <b>Federal Aid Number:</b> HSIP-1327(006) <b>NCDOT Contact No:</b> (919)220-4680 <b>Cost Overrun/Underrun:</b> 0% <b>Letting Date:</b> 07/25/2018 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 0% <b>Actual Progress:</b> 0%
<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> 09/07/2018 <b>Latest Payment Date:</b> 09/12/2018	<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> 0.99% <b>Letting Date:</b> 05/23/2018 <b>Revised Completion Date:</b> <b>Scheduled Progress:</b> 14.8% <b>Actual Progress:</b> 7.8%

## NCDOT Division 5 Contract Status

Let Est	TIP Sub No.	Let Type	Description	R/W (B)	Division Project Manager	Con Est	ROW Est	Comments
12/18	U-5745	Division POC	NC 751 (HOPE VALLEY ROAD) AT SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.	07/17	STEPHEN REID DAVIDSON	\$1,300,000	\$150,000	Utility Agreement needed with City
12/18	EB-4707A	Division POC	SR 1838/ SR 2220 FROM US 15/501 IN ORANGE COUNTY TO SR 1113(POPE ROAD) IN DURHAM COUNTY BICYCLE, PEDESTRIAN AND TRANSIT IMPROVEMENTS	08/15	BENJAMIN J. UPSHAW	\$2,844,000	\$1,534,000	Utility Agreement needed with OWASA
12/18	W-5601EM	Division POC	SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET. SAFETY IMPROVEMENTS.		JOHN EDWARD SANDOR	\$14,000		coordinating with the city
01/19	W-5705M	Division POC	I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)		JOHN EDWARD SANDOR	\$80,000		waiting on final designs
01/19	W-5705U	Division POC	US 70 BUSINESS (MORGAN STREET) AT CAROLINA THREATRE		JOHN EDWARD SANDOR	\$20,000		
01/19	W-5705V	Division POC	NC 54 AT HUNTINGRIDGE ROAD		JOHN EDWARD SANDOR	\$80,000		
04/19	U-5968	Raleigh Lettin	CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM			\$21,865,000	\$750,000	
08/19	I-5994	Division Desig	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147. BRIDGE REHABILITATION. MULTIPLE STRUCTURES. COORDINATE WITH I-5993.		DOUGLAS R. MCNEAL	\$6,652,000		
08/19	I-5995	Division Desig	I-40 - DURHAM/WAKE COUNTIES FROM EAST OF NC 147 TO SR 3015(AIRPORT BOULEVARD). PAVEMENT REHABILITATION.		DOUGLAS R. MCNEAL	\$5,272,000		
01/20	I-5993	Division Desig	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147. PAVEMENT REHABILITATION. COORDINATE WITH I-5994. PROJECT CREATED PER THE DRAFT 2020-2029 STIP.		DOUGLAS R. MCNEAL	\$4,900,000		
04/20	U-5717	Division Desig	US 15/US 501 @ SR 1116 (GARRETT ROAD) IN DURHAM CONVERT AT-GRADE INTERSECTION TO INTERCHANGE	04/19	BENJAMIN J. UPSHAW	\$27,700,000	\$53,500,000	25% plans approved, VE study completed
05/20	U-5516	Division Desig	AT US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.	05/19	BENJAMIN J. UPSHAW	\$5,500,000	\$6,341,000	Public meeting 8/23/2018
06/20	I-5707	Raleigh Lettin	I-40 - FROM NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM	06/19		\$3,550,000	\$323,000	
06/20	P-5717	Raleigh Lettin	NORFOLK SOUTHERN H LINE CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	06/19		\$10,000,000	\$2,500,000	
09/20	W-5705S	Division POC	US 15/501 AT NC 751 SOUTHBOUND ON RAMP - EXTEND RAMP		JOHN EDWARD SANDOR	\$460,000		
12/20	B-5674	Raleigh Lettin	REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND	09/19		\$2,209,000	\$110,000	
04/21	W-5705T	Division POC	SR 1815/1917 (MINERAL SPRINGS ROAD) AT PLEASANT DRIVE CONSTRUCT ROUNDABOUT	04/20	JOHN EDWARD SANDOR	\$800,000	\$85,000	
01/22	I-6000	Division POC	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION/REHABILITATION. COORDINATE WITH I-5998 & I-5999.		DOUGLAS R. MCNEAL	\$4,541,000		
02/22	U-5934	Design Build	NC 147 FROM I-40 TO FUTURE I-885(EAST END CONNECTOR)IN DURHAM ADD LANES AND REHABILITATE PAVEMENT	44607		\$177,100,000	\$2,148,000	
03/22	U-5720A	Design Build	US 70 (MIAMI BLVD) FROM LYNN ROAD TO SR 1959 (SOUTH MIAMI BOULEVARD/SR 1811 (SHERRON ROAD)	44635		\$57,000,000	\$35,800,000	
03/22	U-5720B	Design Build	US 70 (MIAMI BLVD) AT SR 1959 (SOUTH MIAMI BOULEVARD)/SR 1811 (SHERRON ROAD)INTERSECTION	44635		\$25,300,000	\$17,321,000	
03/22	U-5720C	Design Build	US 70 (MIAMI BLVD) FROM SR 1959 (SOUTH MIAMI BLVD)/SR 1811 (SHERRON ROAD) TO SR 2095 (PAGE ROAD EXTENSIONS). UPGRADE TO CONTROLLED-ACCESS FACILITY AND CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	44635		\$110,800,000	\$40,400,000	
01/23	I-5998	Division POC	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION. COORDINATE WITH I-5999 & I-6000.		DOUGLAS R. MCNEAL	\$3,800,000		

## NCDOT Division 5 Contract Status

Let Est	TIP Sub No.	Let Type	Description	R/W (B)	Division Project Manager	Con Est	ROW Est	Comments
02/23	U-6021	Division Desig	SR 1118 (FAYETTEVILLE ROAD),FROM WOODCROFT PARKWAY TO BARBEE ROAD IN DURHAM. WIDEN TO 4-LANE DIVIDED FACILITY WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS.	02/21	BENJAMIN J. UPSHAW	\$13,770,000	\$5,769,000	traffic analysis under review
03/23	U-5937	Raleigh Lettin	NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1445(SOUTH DUKE STREET)TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AULILIARY LANES AND OPERATIONAL IMPROVEMENTS.	03/21		\$47,001,000	\$10,202,000	

## 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	Dec. 2018	\$40,500 R/W \$43,200 CON	R/W acquisition pending	Dawn McPherson
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> .	9/6/2018	FY2021	\$775,000	Utility coordination underway, R/W certified with delay of entries, Project let and received no bids, Re-let scheduled 9/6/18	Chad Reimakoski
47798	Increase length of existing turn lane / slip ramp and improve existing radius in the SE quadrant of US 70 Business/ NC 86 at US 70 Bypass in <b>Hillsborough</b>	Dec. 2018	Jun. 2019	\$189,000	Planning and design activities underway - 75% plans complete, R/W acquisition - 15% complete	Chad Reimakoski
I-5822 50465.1.1 50465.3.1	Pavement Rehabilitation on I-40 from I-85 to East of SR 1734 (Erwin Road)	1/15/2019	FY 2020	\$12,450,000	Project to be completed under I-3306A	Chris Smitherman
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> .	1/17/2019	FY 2020	\$775,000	Planning and design activities underway	Chris Smitherman
B-4962 40174.1.1 40174.2.1 40174.3.1	Replace Bridge #46 over Eno river on US 70 Bypass	4/16/2019	FY 2021	\$5,826,000	Planning and Design activities underway, ROW acquisition - 15% complete	Kevin Fischer
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.	Summer 2019	Fall 2019	\$261,000	Planning and design activities underway	Chad Reimakoski

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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	6/30/2019	Aug. 2019	\$395,000	Planning and design activities underway, re-let due to bids exceeded engineers estimate, new let date pending - tentative June 2019	Chad Reimakoski
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
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	Jennifer Evans
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
I-3306AC 34178.1.6 34178.2.5 434178.3.9	Interchange improvements at I-40 and NC86 in <b>Chapel Hill</b>	3/21/2023	FY 2025	\$16,500,000	Planning and Design activities underway	Laura Sutton
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	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	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-5984	Laura Sutton

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

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
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 U-5845 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	Planning and design activities underway	Jennifer Evans





# 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>
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	11/01/2017	93.20	86.93
C203641		REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.	R.E. BURNS & SONS CO., INC.	Kirkman, PE, Christopher D	\$5,940,323.00	06/01/2015	11/01/2018	06/01/2015	08/31/2018	100.00	99.40
C203946	B-5348	REPLACE BRIDGE #85 OVER PHILS CRK ON SR-1005(OLD G'BORO RD)	DANE CONSTRUCTION INC	Kirkman, PE, Christopher D	\$984,596.98	02/01/2018	12/27/2018	02/01/2018	01/30/2019	99.00	85.05
C204025	I-5954	PAVEMENT REHAB ON I-40/I-85 FROM EAST OF NC-54 IN GRAHAM TO WEST OF SR-1114 (BUCKHORN RD) IN ORANGE COUNTY.	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Kirkman, PE, Christopher D	\$9,699,053.68						
DG00302	P-4405K	EXTEND BRYDSVILLE ROAD TO NC 86 AND REMOVE RAIL CROSSING	TRIANGLE GRADING & PAVING INC	Kirkman, PE, Christopher D	\$1,683,900.00	07/01/2016	12/30/2017	09/29/2016	10/31/2018	100.00	89.87
DG00321	W-5143	SR 1004 (EFLAND-CEDAR GROVE RD)	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,711,133.05	04/02/2018	04/02/2019	04/02/2018	04/02/2019	25.00	49.86
DG00332	W-5601 IF	I-85 GUARDRAIL END TERMINAL UPGRADES	NICKELSTON INDUSTRIES INC	Kirkman, PE, Christopher D	\$494,243.00	12/05/2016	09/05/2017	05/01/2017	09/05/2018	100.00	100.00
DG00371		RESURFACE 9 SECONDARY ROADS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,688,750.33	07/05/2017	11/01/2018	08/30/2017	11/01/2018	42.40	92.43
DG00372	R-5787B	ADA CURB RAMPS IN BURLINGTON, GIBSONVILLE, GRAHAM, MEBANE IN ALAMANCE CO., CARRBORO & CHAPEL HILL IN ORANGE COUNTY	ATLANTIC CONTRACTING COMPANY, INC.	Kirkman, PE, Christopher D	\$128,910.00	07/24/2017	03/28/2019	02/26/2018	03/28/2019	40.95	54.52
DG00391		REPLACE BRIDGE # 104 OVER STONEY CREEK ON SR 1712 (UNIVERSITY STATION RD)	R.E. BURNS & SONS CO., INC.	Kirkman, PE, Christopher D	\$561,562.02	01/30/2018	10/26/2018	03/01/2018	05/02/2019	60.07	72.05
DG00393		RESURFACE 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	Kirkman, PE, Christopher D	\$1,084,520.40	04/02/2018	10/12/2018	06/18/2018	10/12/2018	24.00	25.98
DG00395		REPLACE BRIDGE #189 ON SR 1114 (BUCKHORN ROAD) OVER CANE CREEK	S T WOOTEN CORPORATION	Kirkman, PE, Christopher D	\$723,924.13	04/01/2018	01/01/2019	05/07/2018	02/07/2019	95.25	69.47
DG00413		RESURFACE US 70 BUS, SR 1009, SR 1102, SR 1129, SR 1239, SR 1352, SR 1716 AND SR 1841	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,562,232.66	05/28/2018	11/01/2019	05/29/2018	11/01/2019	23.00	24.53
DG00419		RESURFACE NC 86 AND 17 SECONDARY ROADS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,764,001.64	05/14/2018	11/01/2019	05/14/2018	11/01/2019	26.00	7.32
DG00427		REPLACE BRIDGE #51 ON SR 1534 (MCKEE ROAD) OVER BUFFALO CRK	NATIONAL BRIDGE BUILDERS LLC	Kirkman, PE, Christopher D	\$521,443.82	05/07/2018	03/04/2019	07/30/2018			
DG00435		AST RETREATMENT ON 22 SECONDARY ROADS	WHITEHURST PAVING CO INC	Kirkman, PE, Christopher D	\$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	Kirkman, PE, Christopher D	\$1,039,900.00	07/16/2018	05/16/2019				



## 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>
DG00445	R-5787BB	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020				
	W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020				
DG00451	U-5854	SR 1008 (MT. CARMEL CHURCH ROAD) AND SR 1913 (BENNETT ROAD) ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,833,468.84	08/15/2018	04/30/2020				

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

## **As more scooters hit the streets in Raleigh, Durham still debating what to do about them**

The Herald-Sun By Dawn Baumgartner Vaughan September 20, 2018

Raleigh got its second electric scooter company in downtown this week, while Durham kicked its scooter can down the road.

The Durham City Council postponed a vote on a proposed scooter ordinance for the city, even though scooters could still show up on Durham streets anyway.

The Raleigh City Council is still working on its own scooter ordinance, but already has two scooter companies operating in the city. On Wednesday, scooters from Bird, which have been in the city for weeks, were joined by scooters from Lime. That's the same company behind LimeBikes in the city.

Green LimeBikes are all over downtown Durham, too, but neither the Lime nor Bird scooters have yet to appear in the city.

Lime scooters debuted on the N.C. State University campus in Raleigh on Wednesday morning and made their way downtown by evening.

Kevin Ernest and Luke Netto took them for a ride.

"I like them better than Bird ones right now," Ernest said, pointing out that Lime has a speedometer. Ernest already had the Lime app on his phone from riding the scooters in Austin, Texas.

"This has a better bell [than Bird]," Netto added, ringing the bell on his Lime scooter.

Both men were in Raleigh for work, and they rode the scooters to dinner downtown.

"It's a little easier than Lyft or Uber," Netto said.

"And fun," Ernest said.

The Durham City Council talked about its proposed scooter ordinance — which it refers to as a "shared active transportation ordinance" — briefly at its meeting Monday. But it decided to wait until council members had more input from the Durham Bicycle and Pedestrian Advisory Commission, as well as what the Durham Police Department says about enforcement.

The city's interpretation of state law classifies the scooters as mopeds, which would require lights and a rearview mirror. Bird and Lime scooters on the streets in Raleigh have lights, but no license plate or mirror. And while helmets are suggested by the companies to ride scooters, most people do not.

Durham City Council member Charlie Reece asked for the delay in the scooter ordinance this week after riding a Bird scooter in Raleigh earlier this month. Reece described the electric scooters as "fun and terrifying in equal measure."

"Where there are bike lanes, these devices are amazing, but where there are no bikes lanes, they seem much less safe than bicycles because it appears that the drivers of cars and trucks have a harder time seeing these scooters," Reece wrote in an email to Durham leaders.

He said he missed having a rearview mirror and that while he wore a helmet, "nearly every other motorized scooter I saw in Raleigh was ridden on the sidewalk by someone who was not wearing a helmet."

Durham Mayor Steve Schewel responded to Reece in an email that he hopes they can figure out a way to regulate the scooters in a way that makes sense and goes along with state law.

"I do have concerns that the scooters will simply show up and get dumped on us unregulated," Schewel wrote. "This worries me for the safety of the users as well as for the inconvenience they could cause."

Although scooters did show up on Raleigh streets before the city passed regulations, no scooters are in Durham yet.

In Chapel Hill, Bird scooters descended on the UNC campus briefly as part of a "[university pop-up tour](#)", [The News & Observer reported](#) in August. But then they were quickly picked up again by Bird as the university considers a partnership with the scooter company.

A representative from Bird scooters, Servando Esparza, came to the Durham council meeting this week. He asked that the draft ordinance, which calls for a \$100 fee per scooter, be reduced. Durham City Council members will discuss the scooter permitting ordinance again at a work session meeting in a few weeks.

Fred Lamar, a senior city attorney in Durham, told the council in August that "there are a number of hurdles these companies are going to have to overcome if operating on the streets."

"If not in the streets, they wouldn't necessary fall to state law on mopeds ... but in Durham, we have ordinances that do not allow motorize vehicles or bicycles on the sidewalk," Lamar said.