



Technical Committee Meeting Agenda

Wednesday, May 23, 2018

9:00 AM

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

1. Roll Call
2. Adjustments to the Agenda
3. Public Comment

CONSENT AGENDA

4. **Approval of the April 25, 2018 TC Meeting Minutes** [18-140](#)

A copy of the April 25, 2018 minutes is enclosed.

TC Action: Approve the minutes of the April 25, 2018 TC meeting.

Attachments: [2018-05-23 \(18-140\) 4.25.18 TC Meeting Minutes_LPA2.pdf](#)

ACTION ITEMS

5. **FY2018 Q3 Durham and Orange Transit Tax Quarterly Report (5 minutes)** [18-147](#)

Mo Devlin, LPA Staff

Per the Durham-Orange Interlocal Agreement for Cost Sharing, GoTriangle shall produce quarterly reports to the DCHC MPO. Staff is preparing a memo describing the financial activity of the Durham-Orange Tax District and the Special Tax District through the third quarter of FY2018. This memo is supported by a financial report as issued by GoTriangle, the transit tax administrator.

TC Action: No action is necessary on this item, it is for informational purposes only.

6. **Quarterly Update on the Durham-Orange Light Rail Transit Project (15 minutes)** [18-146](#)

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.

7. **Durham and Orange FY2019 Annual Transit Plan Work Plan (15 minutes)** [18-148](#)

Mo Devlin, LPA Staff

Per the 2017 Durham and Orange County Transit Plans, annual Work Plans shall be developed for the administration of Durham-Orange Tax District and Special Tax District funds. The Staff Working Group plans to release the Transit Work Plans for public comment on May 21, 2018, which includes MPO technical committee and MPO Board presentations. They will be available for public comment and review until June 13 on the Staff Working Group web page at http://www.dchcmpo.org/programs/transit/staff_working_group/default.asp.

TC Action: Provide comment on the draft Durham and Orange FY2019 Annual Transit Work Plans.

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

Aaron Cain, LPA Staff

On May 7, 2018, a TC subcommittee convened to discuss potential deviations from the adopted Methodology for the application of points for Regional Impact projects, as prescribed by the Methodology. Subsequent discussions with local jurisdictions and Divisions 5, 7, and 8 have further refined the options for application of local input points. The most recent proposal will be shared with the TC for discussion at the meeting.

On May 9, 2018, the DCHC MPO Board approved the release of the initial allocation points for Regional Impact projects for P5 for public comment. Any public comments received to date will also be provided to the TC for review.

LPA staff is prepared to bring the DCHC MPO Board a final recommended allocation of local input points for adoption at the Board's June meeting, which would require a formal recommendation from the TC at this meeting. However, NCDOT has pushed back its timeline for the Divisions to release their initial list of projects to receive points to May 31, and for the Divisions to hold public comment on local points allocation in June. This timetable may not allow the DCHC MPO TC to incorporate the Divisions' plans for local points into their recommendation to the Board. Therefore, the TC could consider pushing its formal recommendation to the June meeting, with the Board meeting in July to adopt its final points allocation.

TC Action: Discuss and provide input on local points allocation for Regional Impact projects. The TC can choose to either make a formal recommendation on those projects at this meeting, or postpone until its June meeting in order to allow for more discussion with the Divisions.

9. Comprehensive Transportation Plan (CTP) Amendment #1 (5 minutes)[18-136](#)**Andy Henry, LPA Staff**

The TC requested that the DCHC MPO and NCDOT amend the Comprehensive Transportation Plan (CTP) to change the proposed future configuration of the portion of Farrington Road between Southwest Durham Drive and the Falconbridge Road Extension from a four-lane divided to a two-lane cross-section. The MPO Board released this proposed amendment at their May meeting for a minimum 42-day public comment period. The attached memorandum provides the reasoning for the amendment and related maps and a table.

The adoption schedule includes:

- * May 9 -- DCHC MPO board releases amendment #1 for public input
- * June 13 -- DCHC MPO conducts a public hearing on amendment #1
- * June 20 -- public involvement period ends
- * July 11 or August 8 -- DCHC MPO Board adopts amendment #1
- * September -- North Carolina Board of Transportation (BOT) adopts amendment #1

TC Action: Receive update on CTP amendment #1 and provide comments.

Attachments: [2018-05-23 \(18-136\) CTP-Amendment#1.pdf](#)

10. FY19 Unified Planning Work Program (UPWP) Amendment #1 (5 mins)[18-141](#)**Meg Scully, LPA Staff**

The DCHC MPO is required by federal regulations to prepare an annual Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. The UPWP identifies MPO planning tasks to be performed with the use of federal transportation funds. Changes to the UPWP budget requires an amendment approved by the

Board. Amendment #1 of the FY2019 UPWP proposes to allocate Surface Transportation Block

Grant-Direct Attributable (STBG-DA) funds among various task codes for the Lead Planning Agency. The attached memorandum and resolution with tables provide details.

TC Action: Recommend the Board approve the FY19 UPWP Amendment #1.

Attachments: [2018-05-23 \(18-141\) Memorandum FY19 UPWP Amend 1.pdf](#)
[2018-05-23 \(18-141\) 2019 UPWP amend 1 Resolution with table.pdf](#)

11. FFY18 Section 5307/5340 FULL Apportionment Split Letter (5 mins)[18-142](#)**Meg Scully, LPA Staff**

Section 5307/5340 funds are allocated to urbanized areas for transit capital and operating assistance, and for transportation-related planning. The DCHC MPO full apportionment for FFY18 for each program was released by the Federal Transit Administration (FTA) and the LPA staff, in consultation with the four fixed-route transit operators and MPO policy, developed a recommended distribution of this funding. A 'split letter' to FTA regarding the allocation of these funds among transit operators must be approved by the Board to authorize the transit operators to seek applications for funding. Attached is the split letter to FTA and a memorandum with additional information on the 5307/5340 program.

TC Action: Recommend that the Board approve the distribution and endorse the attached FFY18 FULL apportionment split letter.

Attachments: [2018-05-23 \(18-142\) FTA Section 5307-5340 FFY18 full apportionment memo.r](#)
[2018-05-23 \(18-142\) FFY18 5307 FULL split letter.pdf](#)

12. FFY17 and FFY18 Section 5339 Full Apportionment Split Letter (5 mins)[18-143](#)**Meg Scully, LPA Staff**

The Section 5339 Buses and Bus Facilities program (49 U.S.C. 5339) makes Federal resources available to states and designated recipients to replace, rehabilitate, and purchase buses and related equipment, and to construct bus-related facilities. DCHC MPO is the designated recipient for the Durham urbanized area (UZA). Section 5339 formula funds are allocated to the urbanized areas (UZAs) based upon population, vehicle revenue miles, and passenger miles. The Durham UZA was awarded \$791,187 in FFY2017 and \$1,077,146 in FFY2018 (Total = \$1,868,333). As designated recipient for the 5339 funds for the Durham UZA, the DCHC MPO may allocate funding to fixed route operators. The split letter, as developed by LPA staff in conjunction with fixed-route operators and according to MPO policy, defines the intended allocation for FFY17 and FFY18.

TC Action: Recommend the Board approve the FFY17 and FFY18 Section 5339 distribution and endorse the full apportionment split letter.

Attachments: [2018-05-23 \(18-143\) FTA Section 5339 FY17 FY18 memo.pdf](#)
[2018-05-23 \(18-143\) FFY17 FFY18 5339 full split letter.pdf](#)

13. Enhanced Mobility of Seniors and Individuals with Disabilities [18-144](#)
(Section 5310) Grant - FY17 and FY18 Call for Projects (5 mins)

Meg Scully, LPA Staff

Section 5310 - Enhanced Mobility of Seniors and Individuals with Disabilities provides funds to improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation mobility options. The DCHC MPO is the designated recipient of these funds for the Durham urbanized area (UZA) and distributes the funds to eligible sub-recipients through a competitive selection process. A Call for Projects is conducted during even numbered years and includes funds from two fiscal years. A total of \$492,598 was apportioned to the Durham UZA for FY2017 and FY2018 and will be available for the 2018 Call for Projects. Attached is the Section 5310 application including the application process schedule.

TC Action: Receive the proposed Section 5310 Grant Call for Projects schedule.

Attachments: [2018-05-23 \(18-144\) 5310 Grant Application 2018.pdf](#)

REPORTS FROM STAFF:

14. Report from Staff [18-107](#)

Felix Nwoko, LPA Staff

TC Action: Receive report from Staff.

Attachments: [2018-05-23 \(18-107\) LPA staff report.pdf](#)

15. Report from the Chair [18-108](#)

Ellen Beckmann, TC Chair

TC Action: Receive report from the TC Chair.

16. NCDOT Reports [18-109](#)

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

TC Action: Receive reports from NCDOT.

Attachments: [2018-05-23 \(18-109\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS:

Adjourn

Next meeting: June 27, 9 a.m., Committee Room

Dates of Upcoming Transportation-Related Meetings: None

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TECHNICAL COMMITTEE

April 25, 2018

MINUTES OF MEETING

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Technical Committee met on February 28, 2018, at 9:02 a.m. in the Marriott Conference Room, located on the first floor of the Durham Marriott City Center. The following people were in attendance:

Ellen Beckmann (Chair)	City of Durham Transportation
Kayla Seibel (Member)	Chapel Hill Planning
Kumar Neppalli (Member)	Chapel Hill Engineering
Pierre Osei-Owusu (Member)	City of Durham Transportation/GoDurham
Hannah Jacobson (Member)	City of Durham Planning
Tina Moon (Member)	Carrboro Planning
Zack Hallock (Member)	Carrboro Planning
Evan Tenenbaum (Member)	Durham County Planning
Scott Whiteman (Member)	Durham County Planning
Tom Altieri (Member)	Orange County Planning
Nishith Trivedi (Member)	Orange County Planning
Cara Coppola (Member)	Chatham County Planning
John Hodges-Copple (Member)	Triangle J Council of Governments
Geoff Green (Member)	GoTriangle
Julie Bogle (Member)	NCDOT, TPD
Bill Judge (Member)	NCDOT, Division 5
Ed Lewis (Alternate)	NCDOT, Division 7
Bryan Kluchar (Member)	NCDOT, Division 8
Felix Nwoko	DCHC MPO
Andy Henry	DCHC MPO
Meg Scully	DCHC MPO
Brian Rhodes	DCHC MPO
Aaron Cain	DCHC MPO

Quorum Count: 18 of 31 Voting Members

Chair Ellen Beckmann called the meeting to order at 9:02 a.m. A roll call was performed. The Voting Members and Alternate Voting Members of the DCHC MPO Technical Committee (TC) were identified and are indicated above. Chair Ellen Beckmann reminded everyone to sign-in using the sign-in sheet that was being circulated.

Chance Mullins, Chatham County Transportation Planner and new representative for Chatham County on the TC, and Arik Lansford, a Planner with the Kerr-Tar RPO, were introduced.

PRELIMINARIES:

2. Adjustments to the Agenda

There were no adjustments to the agenda.

3. Public Comments

There were no members of the public signed up to speak.

CONSENT AGENDA:

4. Approval of January 24, 2018 TC Meeting Minutes

Geoff Green made a motion to approve the March 24, 2018, TC Meeting minutes. Tom Altieri seconded the motion. The motion passed unanimously.

ACTION ITEMS:

5. Initial Allocation of Local Input Points for Regional Impact Projects

Aaron Cain, LPA Staff

Aaron Cain stated that the MPO Board approved the DCHC MPO Methodology for Identifying and Ranking New Transportation Improvement Program Project Requests, which was also approved by North Carolina Department of Transportation (NCDOT), in March 2018. Aaron Cain added that the DCHC MPO is able to deviate from the initial list for a variety of reasons, as described in the Methodology. He continued that it is required to document the reasons for deviation from the initial list. Aaron Cain stated that the DCHC MPO received 1,800 points for distribution between highway, transit, and rail.

Aaron Cain stated that he first ranked the projects using the DCHC MPO Methodology, and then secondarily by using the Strategic Planning Office of Transportation (SPOT) score. He added that a project would not cascade down from the Statewide tier to the Regional tier if it costs more than \$5M, per the Methodology. Aaron Cain stated that he was to recommend that the MPO Board to release the Initial Local Points list for public comment from May 14 through June 4.

67 Nishith Trivedi asked about timelines for recommendations by local boards for this project.

68 Aaron Cain answered that he preferred a deadline by the middle of May in order to contribute those
69 recommendations to the TC Meeting on May 23, 2018.

70 Nishith Trivedi and Aaron Cain discussed that, per the DCHC MPO Methodology, projects in
71 Durham scored the highest for all of the highway projects. Aaron Cain then reviewed the list of proposed
72 highway projects from the Initial Local Points List, starting with the highest ranked projects from the
73 DCHC MPO.

74 Aaron Cain, Ed Lewis, and Richard Hancock discussed how a project that is funded at the
75 Regional tier could be funded at the Statewide tier.

76 Aaron Cain and Andy Henry discussed the cost of the US 15-501 project that would construct
77 capacity improvements and add sidewalks, wide-outside lanes, and transit accommodations in Chapel
78 Hill. Chair Ellen Beckmann stated that the cost would be approximately \$35 million. Aaron Cain
79 discussed other projects on the Initial Local Points List.

80 Aaron Cain stated that the MPO Board agreed to put 800 points on highway projects and 1,000
81 points on non-highway projects, but there were not enough non-highway projects on which to add
82 points. He concluded that the 366 points that could not be added to non-highway projects would be
83 added to highway projects per the DCHC MPO Methodology. Aaron Cain discussed the scoring and
84 points distribution of points for the D-O LRT project in relationship to other boards, including the Capital
85 Area Metropolitan Planning Organization (CAMPO). Aaron Cain stated that he recommends putting 100
86 points on transit projects, such as GoTriangle's Raleigh-Durham Express (RDX) and Orange-Durham
87 Express (ODX) bus service expansion for FY19 and FY23, respectively. Aaron Cain discussed the various
88 other transit projects on the Initial Local Points List and how some projects might not get funded due to
89 their relatively low scores.

90 Felix Nwoko and Aaron Cain discussed creating a Prioritization Line for these projects. Aaron
91 Cain stated that he will communicate that Prioritization Line to the TC Committee at a later date. Ed
92 Lewis, Bryan Kluchar, and Aaron Cain also discussed the need for coordination between the Divisions
93 and the MPO on the issue of distributing points. Aaron Cain stated that he plans to schedule
94 subcommittee meetings between the MPO and the Divisions in early May, prior to the MPO Board
95 meeting on May 9.

96 Cara Coppola and Aaron Cain discussed that the priority list can be changed during this meeting
97 and also at a later date. Evan Tenenbaum and Aaron Cain discussed the commuter rail project and the
98 distribution of points for that project. Aaron Cain discussed the point distribution for the ODX and its
99 relationship to the point distribution from Burlington-Graham Metropolitan Planning Organization (BG
100 MPO). Cara Coppola and Aaron Cain discussed the point distribution between DCHC and Triangle Area
101 Rural Transportation Planning Organization (TARPO)

102 Evan Tenenbaum and Aaron Cain discussed the need to recommend that the MPO Board release
103 this list to the public for the 21-day comment period, and that deviations from this list do not trigger an
104 additional public comment period.

105 Tina Moon and Aaron Cain discussed the points for the NC-54 project to improve intersections
106 in Orange County. Aaron Cain stated that its quantitative score was relatively high, but that it did not
107 receive a high score per the DCHC MPO Methodology.

108 Felix Nwoko and Aaron Cain discussed NC-751 and US-64 projects, and their relationship to the
109 Triangle Area Rural Transportation Planning Organization (TARPO). Chair Ellen Beckman and Aaron Cain
110 discussed the possibility of different planning organizations giving and receiving points for various
111 projects and the capacity for each respective Board to decide to accept those points.

Nishith Trivedi made a motion to recommend that the MPO Board release the Initial Allocation of Local Input Points for Regional Impact Projects list for public review. Scott Whiteman seconded the motion. The motion passed unanimously.

6. MPO Collector Street Plan

Andy Henry, LPA Staff

Andy Henry stated that the DCHC MPO and many of its local jurisdictions have collector street plans, but many of these are older plans. He noted that these plans only cover a small portion of the MPO planning area and certain areas may need to be added or updated. Andy Henry stated that local governments can continue using their local collector street plan or opt for an updated plan. Andy Henry stated that the LPA staff believes that some roadways that were included in the recently adopted CTP and 2045 Metropolitan Transportation Plan (MTP) will be funded, built and function as collector streets, not as arterial roadways. Andy Henry listed the benefits of collector streets, including: less congestion by better distribution of traffic; improved routes for pedestrians; and reduction of travel times without faster speeds. Andy Henry also noted that some citizens might not want their neighborhoods to be a part of the collector street plan. Meg Scully and Andy Henry discussed handling the collector street plan at the MPO as opposed to hiring outside consultants.

Nishith Trivedi asked what would be required for local jurisdictions for the collector street plan. Andy Henry replied that local jurisdictions would be included and there would be collaboration on where and how to use collector streets and to inform elected officials. Tina Moon and Andy Henry discussed the difference between collector streets and connector streets.

Cara Coppola asked about public involvement for other jurisdictions. Andy Henry stated that there would be other public meetings outside of Durham in other counties concerning the collector street plan. Andy Henry continued that, due to the signed the MPO's Memorandum of Understanding among the jurisdictions and counties, the jurisdictions do not have to approve this plan in order to use it in the development review process.

138 Scott Whiteman asked if there is a proposed timeframe for the collector street plan to be
 139 completed. Andy Henry answered that the proposed timeframe for the plan to be completed would be
 140 by the end of 2018. Chair Ellen Beckmann, Bill Judge, Scott Whiteman, and Andy Henry discussed the
 141 various requirements and timetable used in order to complete the collector street plan. Andy Henry
 142 added that he will address these concerns, such as the schedule and public involvement, at the next
 143 MPO Board meeting. Chair Ellen Beckmann stated that there are recommendations coming from project
 144 development plans. Andy Henry added that the 2045 MTP already includes collector streets from
 145 corridor studies and other plans.

146 Nishith Trivedi made a motion to recommend to the MPO Board that they direct MPO staff to
 147 start a collector street plan. Scott Whiteman seconded the motion. The motion passed unanimously.

148 **7. Comprehensive Transportation Plan (CTP) Amendment**

149 Andy Henry, LPA Staff

150 Geoff Green, GoTriangle

151 Julie Bogle, NCDOT Transportation Planning

153 Andy Henry stated that GoTriangle has requested that the DCHC MPO and NCDOT amend the
 154 Comprehensive Transportation Plan (CTP) to change the section of Farrington Road between Southwest
 155 Durham Drive and the Falconbridge Road Extension from a four-lane divided to a two-lane cross-section.
 156 Andy Henry added that GoTriangle believes that the required right-of-way reservation for the four-lane
 157 divided cross-section will hamper the zoning amendment approval process for the D-O LRT's Rail
 158 Operations and Maintenance Facility (ROMF). He added that, due to the NCDOT's schedule, he prefers
 159 to amend the CTP for only that roadway and not include other unrelated changes.

160 Felix Nwoko and Andy Henry discussed public involvement for an amendment to the CTP, with
 161 Andy Henry suggesting opening the public comment period to 42 days.

Julie Bogle and Andy Henry discussed making minor changes to the CTP. Andy Henry stated that he recommends making only the proposed amendment to the CTP in order to streamline the process and avoid delays.

Chair Ellen Beckman asked about the modeling used in the CTP. Andy Henry stated that the model incorporates projects from the NC-54/I-40 Corridor Study.

Chair Ellen Beckman asked for clarification as to which section of Farrington Road would be changed. Andy Henry replied that the section of Southwest Durham Drive that is north of the Southwest Durham Drive/Farrington Road convergence will be a four-lane divided facility, and therefore capable of handling vehicles from the convergence of those 2 two-lane roadways.

Scott and Geoff Green discussed the schedule to make and approve these changes. Geoff Green stated that he recommends having this amendment approved by the Durham City Council in November 2018.

Scott Whiteman made a motion to release the amendment of the CTP for public comment. Julie Bogle seconded the motion. The motion passed unanimously.

8. Triangle Toll Study Update

Andy Henry, LPA Staff

Andy Henry stated that the goal of the Triangle Toll Study is to determine if toll lanes and/or managed lanes are advisable in the Triangle Region and to develop a strategy to address funding, equity and consensus building. He stated that the issues are addressed and mediated in the Best Practices report located on the study's website. Andy Henry also stated that there have been several stakeholder meetings.

Andy Henry stated the next step is to develop screening criteria, which considers what roadways would be the best candidates for tolls. He added that these criteria would be completed by the end of September 2018. He added that consultants and other associated personnel will brief the MPO Board at a later meeting. Evan Tenenbaum and Andy Henry discussed the high level nature of this project. Felix

Nwoko and Andy Henry discussed the screening process. . Chair Ellen Beckmann and Andy Henry stated that there will be a presentation to the Board during its next meeting.

No further action was required by the TC.

9. Amendment #3 to the FY2018-2027 Transportation Improvement Plan (TIP)

Aaron Cain, LPA Staff

Aaron Cain stated that part of the amendment includes changing the language to be used in the DCHC MPO FY2018-27 TIP, which was recommended by the NCDOT, to address the performance measurement requirement. He also stated that there were several projects to be amended, including: U-4724, R-5753, and EB-5720. Chair Ellen Beckmann stated that EB-5720 is the R. Kelly Bryant Bridge that has already been amended, and does need to be included in the final amendment. Chair Ellen Beckmann also stated that projects list in the CAMPO portion of the attachment are also duplicate and do not need to go forward to the Board.

Geoff Green made a motion to approve amendment #3 to the FY2018-2017 TIP, as amended by Chair Ellen Beckmann. Julie Bogle seconded the motion. The motion passed unanimously.

REPORTS:

10. Reports from the LPA Staff

Felix Nwoko, LPA Manager

There was no additional report from the LPA Staff.

9. Report from the DCHC MPO TC Chair

Ellen Beckmann, DCHC MPO TC Chair

There was no additional report from the TC Chair.

10. NCDOT Reports

There was no additional report from NCDOT Division 5.

Ed Lewis, NCDOT Division 7, stated that the next STI public meeting will be held on May 14 at the Division Office in Greensboro, NC, from 5-7 p.m.

Bryan Kluchar Division 8 stated the next STI public meeting will be on May 17 from 5-7p.m.

214 There was no additional report from NCDOT Transportation Planning Division.

215 INFORMATIONAL ITEMS:216 **11. Recent News, Articles, and Updates**

217 There were no informational items.

218 ADJOURNMENT:

219 There being no further business before the DCHC MPO Technical Committee, the meeting was

220 adjourned at 10:14 a.m.

DCHC MPO

CTP -- Amendment #1

Amendment #1

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) proposes that the DCHC MPO and NCDOT amend the Comprehensive Transportation Plan (CTP) to change the proposed future configuration of the segment of Farrington Road between Southwest Durham Drive and the Falconbridge Road Extension. The CTP currently lists this roadway segment as a future four-lane divided cross-section. The MPO believes that a two-lane cross-section that includes bicycle and pedestrian facilities is more appropriate for forecasted traffic volume in that corridor and the future, adjacent land use. The segment of Southwest Durham Drive that is north of the Southwest Durham Drive/Farrington Road convergence (i.e., close to where the converged roadway crosses I-40) is defined as a future four-lane divided facility. This converged roadway will be capable of handling the combined vehicles to/from the 2 two-lane roadways to the south, i.e., Farrington Road and Southwest Durham Drive.

The table below shows the current and proposed amendment #1 attributes for this segment of Farrington Road in the CTP. The proposed changes are shown in **bold blue** font – the cross section will be 2E (2-lane with bicycle and pedestrian facilities) and the classification will be minor arterial.

Highway												
ID	Facility	Segment		Dist. (mi)	Lanes	2015 Existing System		2040 Proposed System				CTP Class
		From	To			Existing Capacity (vpd)	2011 Volume	2040 Volume E+C	2040 V/C	Status	Cross- Section	
Current CTP...												
DURH0039-H	Farrington Rd	Falconbridge Ext.	Southwest Durham Dr	0.8	2	12,700	11,000	23,200	1.80	NI	4D	Blvd
Amendment												
DURH0039-H	Farrington Rd	Falconbridge Ext.	Southwest Durham Dr	0.8	2	12,700	11,000	23,200	1.80	NI	2E	Min

Maps

The close-up of the CTP highway map on page 3 identifies the segment of Farrington Road that is proposed for amendment. A larger, interactive map can be found at the top of the following CTP Web page: www.bit.ly/DCHCMPO-Adopted-CTP. The map on page 4 shows the forecasted traffic volume in the year 2045 for the roadways in the Farrington Road/Southwest Durham Drive corridor.

Schedule and Public Involvement

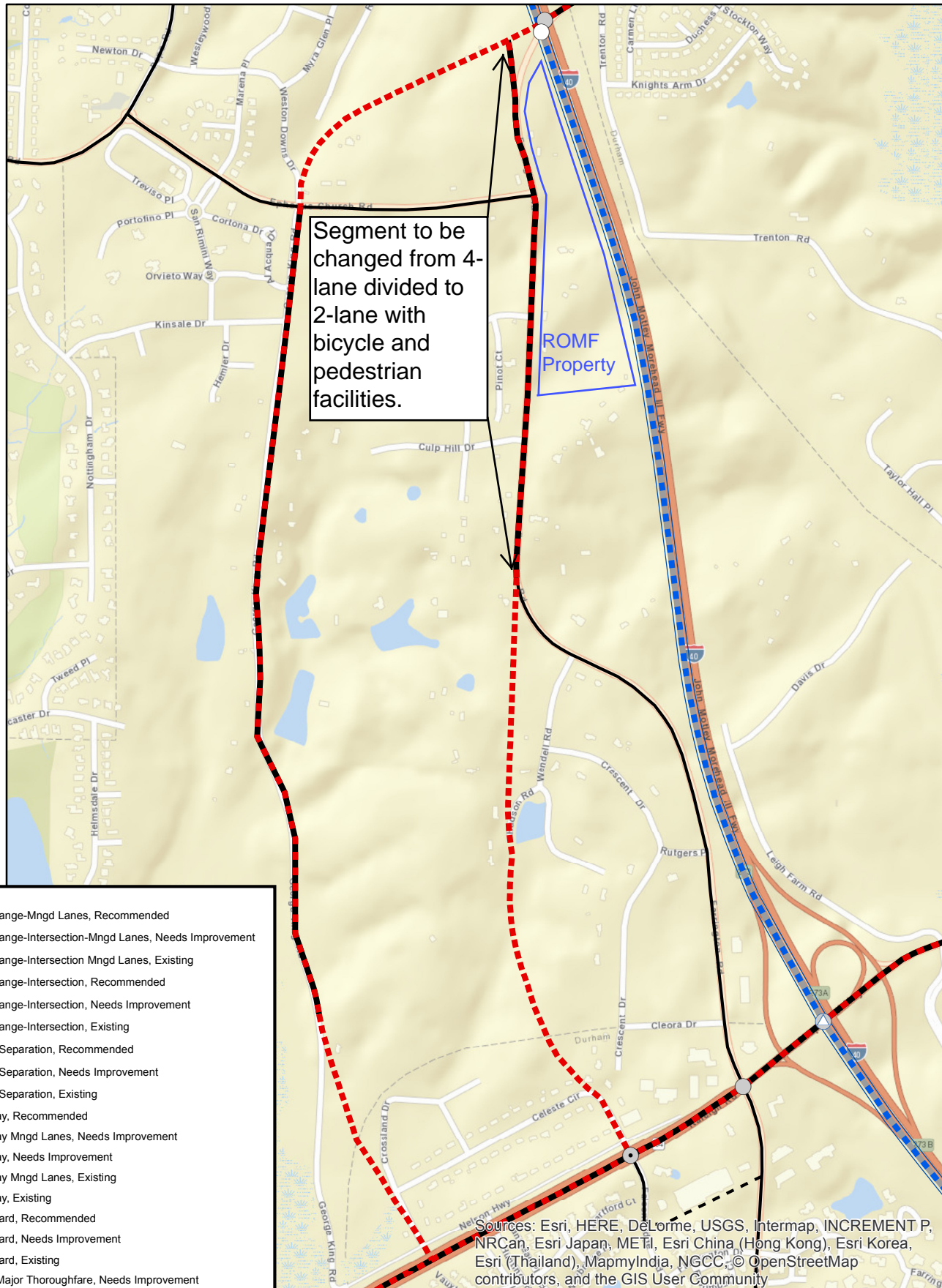
The MPO's public involvement policy requires that this proposed amendment be released for public input for a minimum of 42 days. The schedule for amendment #1 will be:

- May 9 -- DCHC MPO Board releases amendment #1 for public input
- June 13 – DCHC MPO Board conducts public hearing on amendment #1 (Committee Room, 2nd floor Durham City Hall, 9am)
- June 20 – Public involvement period ends
- July 11 or August 8 – DCHC MPO Board adopts amendment #1

Comprehensive Transportation Plan (CTP)

Technical Committee 5/23/2018 Item 9

DCHC MPO -- Amendment #1



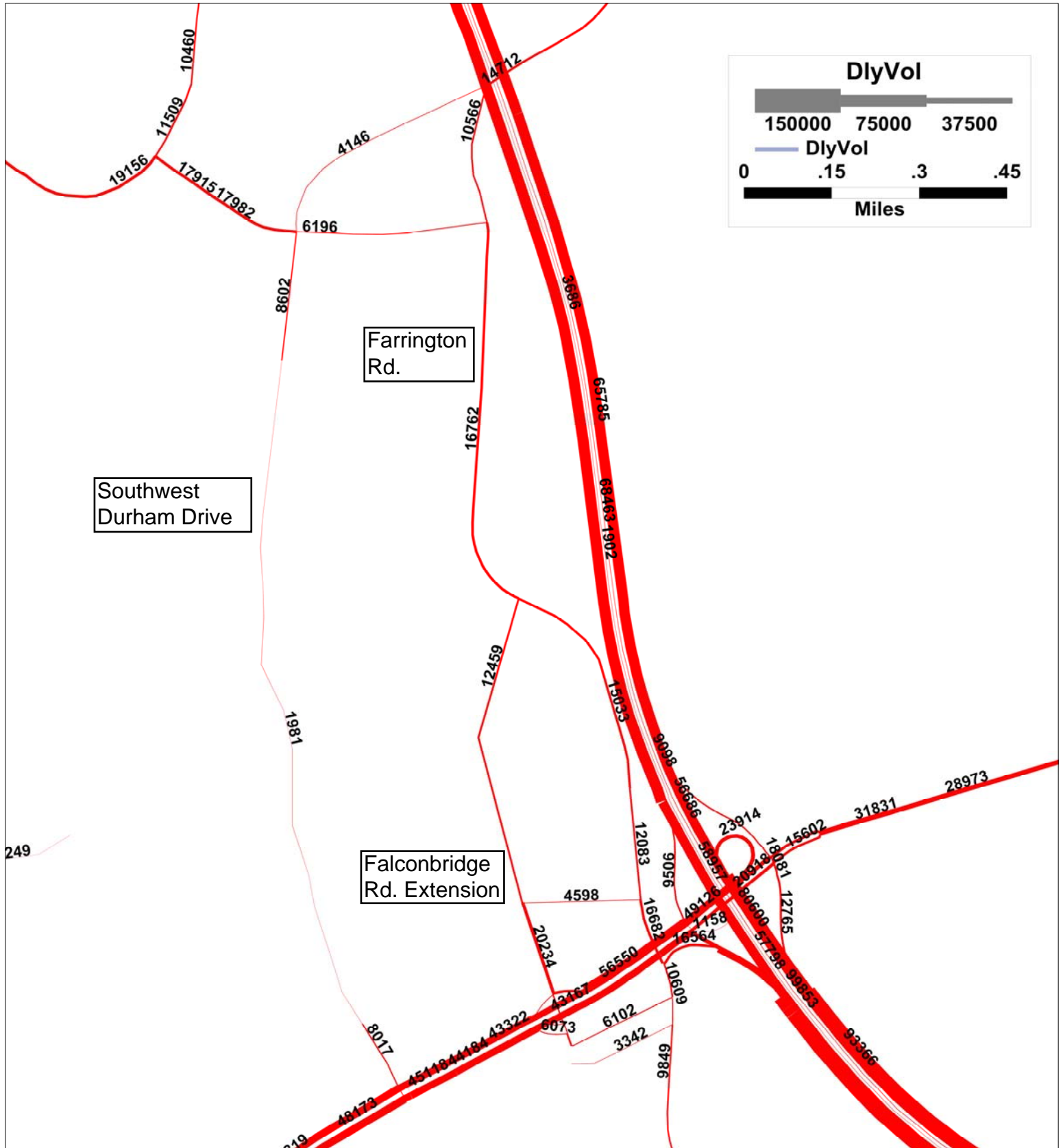
- Interchange-Mngd Lanes, Recommended
- Interchange-Intersection-Mngd Lanes, Needs Improvement
- Interchange-Intersection Mngd Lanes, Existing
- Interchange-Intersection, Recommended
- Interchange-Intersection, Needs Improvement
- Interchange-Intersection, Existing
- Grade Separation, Recommended
- Grade Separation, Needs Improvement
- Grade Separation, Existing
- Freeway, Recommended
- Freeway Mngd Lanes, Needs Improvement
- Freeway, Needs Improvement
- Freeway Mngd Lanes, Existing
- Freeway, Existing
- Boulevard, Recommended
- Boulevard, Needs Improvement
- Boulevard, Existing
- Other Major Thoroughfare, Needs Improvement
- Other Major Thoroughfare, Existing
- Minor Thoroughfare, Recommended
- Minor Thoroughfare, Needs Improvement
- Minor Thoroughfare, Existing

This is a close-up view of the CTP highway map.
See www.bit.ly/DCHCMPO/Adopted-CTP for a full, interactive map.

05/09/18

Triangle Regional Model (TRM) Version 6.0 2045 Daily Traffic Volume

018 Item 9



April 19, 2018

MEMORANDUM

To: DCHC MPO Board
 From: DCHC MPO Lead Planning Agency Staff
 Date: June 13, 2018
 Subject: FY 2019 Unified Planning Work Program – Amendment #1

The Lead Planning Agency (LPA) staff is requesting an amendment to the FY2019 Unified Planning Work Program (UPWP). The proposed amendment is necessary in order to reflect the following:

- Addition of STBG-DA funds by Lead Planning Agency.

The UPWP provides yearly funding allocations to support the ongoing transportation planning activities of the DCHC MPO. The UPWP must identify MPO planning tasks to be undertaken with the use of federal transportation funds. The proposed revisions are illustrated in amendment tables below. The addition of funds allows for full funding of LPA salary and consulting operations that were not included in the previous budget due to on-going discussions among stakeholders and carry over for two studies.

Lead Planning Agency – STBG-DA Proposed Amendment #1 (addition of funds to several task codes)*

Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Travel Model Updates	\$ 315,400	\$ 125,000	\$190,400
Travel Surveys	\$87,000	\$66,000	\$21,000
Transit Element of MTP	\$81,120	\$49,000	\$32,120
Environmental Justice	\$52,000	\$43,000	\$9,000
Special Studies	\$314,000	\$300,000	\$14,000
Management and Operations	\$144,000	\$65,000	\$79,000
Total Revision	\$1,648,000	\$648,000	\$1,000,000

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

RESOLUTION

**TO APPROVE AMENDMENT #1 TO THE FY 2019 UNIFIED PLANNING WORK
PROGRAM OF THE DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN
PLANNING ORGANIZATION (DCHC MPO)**

June 13, 2018

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

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

WHEREAS, The Durham-Chapel Hill-Carrboro MPO requests an amendment to the 2019 UPWP as outlined on the attached tables; and

WHEREAS, Members of the Board agree that the Unified Planning Work Program amendment effectively advances transportation planning for 2019

Now, therefore, be it resolved that the Board hereby endorses Amendment #1 of the Durham-Chapel Hill-Carrboro Urban Area Unified Planning Work Program for the FY 2019 as described in the attached sheets.

I, Damon Seils, MPO Board Chair, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Durham-Chapel Hill- Carrboro Urban Area MPO Board, duly held on the 13th day of June, 2018

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

Durham County, North Carolina

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

Date: June 13, 2018

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

MPO-Wide STBG-DA Amendment #1 FY19 UPWP (Includes Lead Planning Agency Amendment)*

Task/Description	After Amend. #1 (total share–100%)	Change (total share–100%)	Original (total share–100%)
Travel Model Updates	\$315,400	\$125,000	\$190,400
Travel Surveys	\$87,000	\$66,000	\$21,000
Transit Element of MTP	\$110,385	\$49,000	\$61,385
Environmental Justice	\$52,000	\$43,000	\$9,000
Special Studies	\$357,304	\$300,000	\$57,304
Management and Operations	\$163,406	\$65,000	\$98,406
Total Revision	\$2,024,641	\$648,000	\$1,376,641

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

MEMORANDUM

TO: DCHC MPO Board

FROM: Meg Scully
DCHC MPO Lead Planning Agency

DATE: June 13, 2018

SUBJECT: FFY 2018 Section 5307/5340 Full Apportionment for Durham NC UZA

The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes Federal resources available to urbanized areas and to Governors for transit capital and operating assistance in urbanized areas and for transportation related planning. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Department of Commerce, Bureau of the Census. The Growing States and High Density States Formula Distribution program (49 U.S.C. 5340) provides additional funds to states meeting criteria as a growing state or a high density state. North Carolina meets definition of a growing state and is apportioned additional funds.

Funding is made available to designated recipients (DR) that must be public bodies with the legal authority to receive and dispense Federal funds. Governors, responsible local officials and publicly owned operators of transit services are to designate a recipient to apply for, receive, and dispense funds for transportation management areas pursuant to 49 USC 5307(a)(2). Generally, a transportation management area (TMA) is an urbanized area with a population of 200,000 or more. The Governor or Governor's designee is the designated recipient for urbanized areas with population between 50,000 and 200,000.

For urbanized areas with 200,000 or more in population, funds are apportioned and flow directly to a DR selected locally to apply for and receive Federal funds. Eligible activities include planning, engineering, design and evaluation of transit projects and other technical transportation-related studies; job access and reverse commute projects; capital investments in bus and bus-related activities such as replacement of buses, overhaul of buses, rebuilding of buses, crime prevention and security equipment and construction of maintenance and passenger facilities; and capital investments in new and existing fixed guideway systems including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software. All preventive maintenance and some Americans with Disabilities Act complementary para-transit service costs are considered capital costs.

The DCHC MPO, as the DR for the Durham UZA, has received the full FFY2018 Apportionment and has prepared a recommended split by agency. Funding is apportioned on the basis of legislative formulas. For areas with populations of 200,000 and more, the formula is based on a combination of bus revenue vehicle miles, bus passenger miles, fixed guideway revenue vehicle miles, and fixed guideway route miles as well as population and population density.


Durham–Chapel Hill–Carrboro Metropolitan Planning Organization

Member Organizations: Town of Carrboro, Town of Chapel Hill, Chatham County, City of Durham, Durham County, Town of Hillsborough, NC Department of Transportation, Orange County, GoTriangle

June 13, 2018

Regional Administrator
Federal Transit Administration
Atlanta Federal Center
230 Peachtree Street, NW, Suite 800
Atlanta, GA 30303-8917

Attn: Marie Lopez, Transportation Program Specialist

Subject: FFY 2018 Section 5307/5340 FULL Apportionment for Durham NC UZA

Dear Regional Administrator:

We have been advised that the FFY 2018 FULL apportionment for the Durham-Chapel Hill-Carrboro Urbanized Area includes both 5307 and 5340 funds and is \$7,676,093. Distribution of the FFY 2018 Section 5307/5340 Durham UZA apportionment in the table below includes an allocation to the four fixed-route transit operators within the Durham Chapel-Hill Carrboro Metropolitan Planning Organization (DCHC MPO). The safety and security apportionments are also calculated in the table below. Chapel Hill Transit and GoDurham will not be applying for safety and security projects with this funding as other sources of funding are used by each agency to meet their safety and security needs. Orange Public Transit will be using the minimum 1% for safety and security for the purchase of cameras for buses and facilities. GoTriangle will use 1% toward a safety and security project for the installation of cameras at agency facilities.

	FFY2018 FULL Apportionment	Safety and Security (Minimum 1%)	Net Available for other Transit Expenditures
Chapel Hill Transit	\$ 1,960,178	\$ 0	\$ 1,960,178
GoDurham (formerly Durham Area Transit Authority)	\$ 4,116,964	\$ 0	\$ 4,116,964
GoTriangle (formerly Triangle Transit)	\$ 1,504,983	\$ 15,050	\$ 1,489,933
NCDOT/PTD Orange Public Transit	\$ 93,968	\$ 940	\$ 93,028
Totals	\$ 7,676,093	\$ 15,990	\$7,660,103

As identified in this Split Letter, the Designated Recipient authorizes the assignment/allocation of Section 5307 to the Direct Recipient according to table above. The undersigned agree to the Split Letter and the amounts allocated/assigned to each Direct Recipient. Each Direct Recipient is responsible for its application to the Federal Transit Administration to receive Section 5307 funds and assumes the responsibilities associated with any award for these funds. The transit agencies will consider low-income tier activities as part of their apportionment.



Durham–Chapel Hill–Carrboro Metropolitan Planning Organization

Member Organizations: Town of Carrboro, Town of Chapel Hill, Chatham County, City of Durham, Durham County, Town of Hillsborough, NC Department of Transportation, Orange County, GoTriangle

Please copy the North Carolina Department of Transportation, Public Transportation Division with your confirmation letter stating that the approved distribution has been completed. Should you have any questions regarding this request, please contact Felix Nwoko at Felix.Nwoko@Durhamnc.gov or Margaret Scully at Margaret.Scully@Durhamnc.gov.

Sincerely,

Damon Seils, Chair
MPO Board

cc:

Felix Nwoko, MPO Lead Planning Agency
Harmon Crutchfield, City of Durham Transportation
Brian Litchfield, Chapel Hill Transit Administrator
Tim Schwarzauser, Chapel Hill Transit
Tom Altieri, Orange County Planning
Nishith Trivedi, Orange County Planning
Travis Myren, Orange County
Pierre Osei-Owusu, GoDurham
Theo Letman, Orange Public Transit
Deirdre Walker, GoTriangle
Geoff Greene, GoTriangle
Ryan Mayers, Mobility Development Specialist, NCDOT PTD

MEMORANDUM

TO: DCHC MPO Board

FROM: Meg Scully,
DCHC MPO Lead Planning Agency

DATE: June 13, 2018

SUBJECT: FFY 2017 and FFY2018 Section 5339 Grant Bus and Bus Facilities

The Section 5339 Buses and Bus Facilities program (49 U.S.C. 5339) makes Federal resources available to States and designated recipients to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities. Under the Moving Ahead for Progress in the 21st Century (MAP-21) Act, the 5339 grant replaced the former Section 5309 Bus and Bus Facilities Program. Fixing America's Surface Transportation (FAST) Act continues the program.

The 5339 Formula Program allocates funds to urbanized areas (UZAs) by a formula based upon population, vehicle revenue miles, and passenger miles using the same apportionment formula as the Urbanized Area Formula Program (Section 5307). Funds for UZAs with population of 200,000 or more are apportioned directly to one or more designated recipient within each UZA for allocation to eligible projects and recipients within the UZA. DCHC MPO is the designated recipient for the Durham UZA and was awarded \$791,187 in FFY2017 and \$1,077,146 in FFY2018 (Total = \$1,868,333).

As designated recipient for the 5339 funds for the Durham UZA, the DCHC MPO may allocate funding to fixed-route operators. The split letter defines the intended allocation for FFY17 and FFY18. Funds are available for three years after the fiscal year it was apportioned and the Federal share is 80%. A 20% local match is required.


Durham–Chapel Hill–Carrboro Metropolitan Planning Organization

Member Organizations: Town of Carrboro, Town of Chapel Hill, Chatham County, City of Durham, Durham County, Town of Hillsborough, NC Department of Transportation, Orange County, GoTriangle

June 13, 2018

Regional Administrator
Federal Transit Administration
Atlanta Federal Center
230 Peachtree Street, NW, Suite 800
Atlanta, GA 30303-8917

Attn: Marie Lopez, Transportation Program Specialist

Subject: FFY17 and FFY 2018 Section 5339 Full Apportionment for Durham NC UZA

Dear Regional Administrator:

We have been advised that the full apportionment for the Durham-Chapel Hill-Carrboro Urbanized Area for Section 5339 funds is \$791,187 for FFY17 and \$1,077,146 for FFY18. Distribution of the FFY 2017 and FFY18 Section 5339 Durham UZA apportionment in the table below includes an allocation to the four fixed-route transit operators within the DCHC MPO.

	FFY2017 Full Apportionment	FFY18 Full Apportionment	Total for FFY17/FFY18
Chapel Hill Transit	\$ 200,603	\$ 273,563	\$ 474,166
GoDurham (Durham Area Transit Authority)	\$ 415,242	\$ 573,966	\$ 989,208
GoTriangle (Triangle Transit)	\$ 167,956	\$ 215,356	\$ 383,312
NCDOT/ Orange Public Transit	\$ 7,386	\$ 14,261	\$ 21,647
Totals	\$ 791,187	\$ 1,077,146	\$ 1,868,333

As identified in this Split Letter, the Designated Recipient (DCHC MPO) authorizes the assignment/allocation of Section 5339 to the Direct Recipient according to table above. The undersigned agree to the Split Letter and the amounts allocated/assigned to each Direct Recipient. Each Direct Recipient is responsible for its application to the Federal Transit Administration to receive Section 5339 funds and assumes the responsibilities associated with any award for these funds.

Please copy the North Carolina Department of Transportation, Public Transportation Division with your confirmation letter stating that the approved distribution has been completed. Should you have any questions regarding this request, please contact Felix Nwoko at Felix.Nwoko@Durhamnc.gov or Margaret Scully at Margaret.Scully@Durhamnc.gov.

Sincerely,

Damon Seils, Chair
MPO Board



Durham–Chapel Hill–Carrboro Metropolitan Planning Organization

Member Organizations: Town of Carrboro, Town of Chapel Hill, Chatham County, City of Durham, Durham County, Town of Hillsborough, NC Department of Transportation, Orange County, GoTriangle

cc:

Felix Nwoko, MPO Lead Planning Agency
Harmon Crutchfield, City of Durham Transportation
Brian Litchfield, Chapel Hill Transit Administrator
Tim Schwarzauser, Chapel Hill Transit
Tom Altieri, Orange County Planning
Nishith Trivedi, Orange County Planning
Travis Myren, Orange County
Pierre Osei-Owusu, GoDurham
Theo Letman, Orange Public Transit
Deirdre Walker, GoTriangle
Geoff Greene, GoTriangle
Ryan Mayers, Mobility Development Specialist, NCDOT PTD

Funding Application

Section 5310 Grant: Enhanced Mobility of Seniors and Individuals with Disabilities

Introduction

On October 1, 2012 the Moving Ahead for Progress in the 21st Century (MAP-21) was passed into law as the new federal transportation funding legislation. MAP-21 replaced the former law known as SAFETEA-LU, ending both the New Freedom (Section 5317 grant) and the Elderly Individuals and Individuals with Disabilities (Section 5310 grant) as distinct programs. Under Map-21, the new section 5310 consolidates activities previously funded by the New Freedom grant and the SAFETEA-LU 5310 grant. Activities previously funded under New Freedom are also eligible under the Enhanced Mobility for Seniors and Individuals with Disabilities Program (Section 5310).

With the passage of MAP-21, transportation projects receiving funding under Section 5310 must “be included in the local coordinated human service-public transportation plan.” However, on an interim basis, FTA defines “included in” to mean essentially the same as “derived from,” which is consistent with the policy established under SAFETEA-LU, so long as there is evidence the plan was developed and approved with inclusion from the specific targeted populations. The 2014 Coordinated Public Transit-Human Services Transportation Plan Update (CPT-HSTP) is the policy document applicants should reference for project proposals for 5310 funds.

The Fixing America’s Surface Transportation (FAST) Act was signed into law in December, 2015 and continues the Section 5310 program. **This funding application addresses the Federal Transit Administration (FTA) program funded by MAP-21 and FAST Act: Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program.**

Background on Grant Program

Section 5310 – Seniors and Individuals with Disabilities

This program is intended to enhance mobility for seniors and persons with disabilities by providing funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and Americans with Disabilities Act (ADA) complementary paratransit services.

The amount of funding available through this call for applications is \$492,598 in federal funding with \$245,733 apportioned in FFY17 and \$246,865 apportioned in FFY18.

Eligibility Overview: Section 5310 Grant Funds

Eligible Applicants

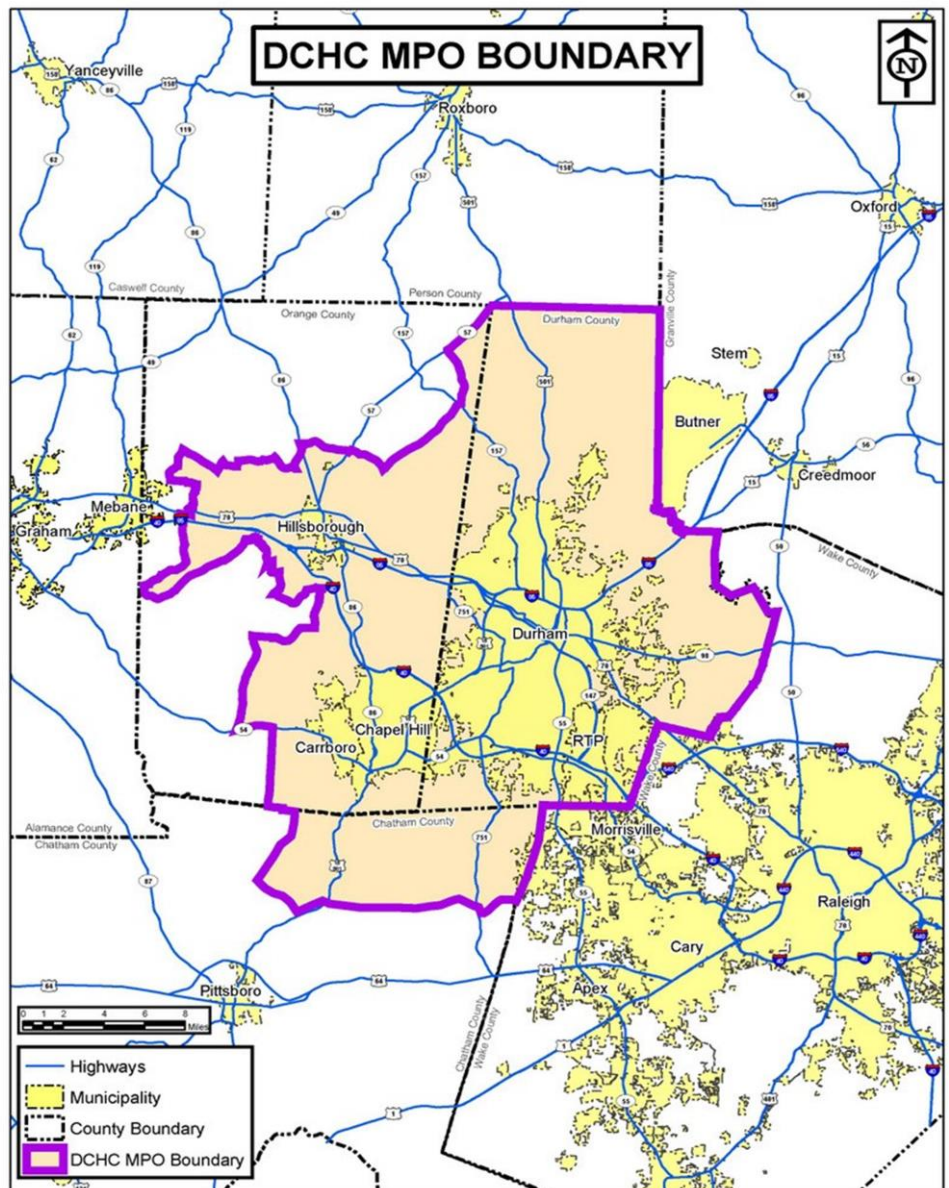
Section 5310 is a formula grant program for member jurisdictions in the Durham Chapel Hill – Carrboro Metropolitan Planning Organization (DCHC MPO). Applicants may include state or local government authorities; private non-profit organizations; and operators of public transportation services including private operators of public transportation services.

Eligible Use of Program Funds:

Section 5310 program funds are intended to fund innovative and flexible programs that identify the transportation needs of individuals with disabilities and older adults. Therefore, it is expected that 5310 funds be directed to meet these needs by funding new programs and services, or to continue existing programs.

Eligible Projects:

5310 funds may be used for the planning, capital or operating costs of services and facilities that improve mobility for seniors and persons with disabilities. Specific project eligibility is detailed later in this document under each program's description. Further, the DCHC-MPO is soliciting projects that have been derived from the adopted 2014 Coordinated Public Transportation - Human Services Transportation Plan Update (CPT-HSTP). The plan outlines a vision for improving mobility options for the disabled, aging, and low- income population living in the region. Federal funding of projects through these two programs will be utilized to meet plan goals.



Application Requirements

PART I: Funding Request – Grants Title Page

PART II: Project Narrative

Please include the following documents:

- 1) Map of Applicant Service Area
- 2) Existing and Proposed Transportation Services
- 3) Project Needs
- 4) Goals & Objectives
- 5) Implementation Plan
- 6) Coordination (partners in project or coordination with other services, if applicable)
- 7) Program Outreach Plan
- 8) Program Effectiveness & Performance Measures

PART III: Proposed Project Budget

PART IV: Required Certifications

1. Drug and Alcohol Testing Policy or Drug-Free Workplace Policy (*Please attach your organization's policy to application.*)
2. Local Match Certification Form (*Please attach a signed certification like sample provided.*)
3. Lobbying Certification Form (Please attach a signed certification like sample provided.)
4. Equal Employment Opportunity Certification (Please attach a signed certification like sample provided.)
5. Title VI Non-discrimination policy (*Please attach your organization policy or a signed certification like the sample provided.*)

Project Application Procedures

This Section 5310 program application is for funds to be used within the DCHC MPO service area. The initial project application consists of the program-specific requirements detailed in this package of forms and instructions. After a project application has been selected for funding, the applicant will be required to submit appropriate background Certifications and Assurances, and other documentation necessary to meet the requirements of the FTA and DCHC MPO.

Eligibility Overview:

Program Description:

This program is intended to enhance mobility for seniors and persons with disabilities by providing funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and Americans with Disabilities Act (ADA) complementary par transit services.

Eligible Agencies:

Section 5310 funds have two categories of projects. Not all sub-recipients are eligible for both categories. Reference the chart on the next page to view and then select projects your agency is eligible to receive. **Please Note:** *All organizations or business entities receiving 5310 funds must have a Data Universal Numbering System (DUNS) registration number.* This is a nine-digit identification number that provides a unique identification for business entities. Applicants that do not currently have a DUNS number can obtain one for free from Dun and Bradstreet (www.dnb.com). It takes about five weeks to receive the DUNS number after all the information is entered. **DCHC-MPO will allow organizations to apply without the DUNS number, but will not be able to disburse any grant funds until the DUNS is provided.**

Traditional 5310 Projects	Non-Traditional 5310 Projects
1) Private, non-profit organizations 2) State or local governmental authorities approved by the state to: <ol style="list-style-type: none"> coordinate services for seniors and individuals with disabilities or certify that there are no non-profit organizations readily available in the area to provide the service. 	1) Private, non-profit organizations. 2) State or local governmental authority approved by the state to coordinate services. 3) Operators of public transportation (including taxicab programs).

Eligible Activities:

Traditional Section 5310 Projects At least 55% of program funds must be used on capital projects that are public transportation projects planned, designed, and carried out to meet the special needs of seniors and individuals with disabilities when public transportation is insufficient, inappropriate, or unavailable. *Capital expenses* that are considered traditional projects include, but are not limited to:

- Vehicle rehabilitation (e.g. radios, wheelchair lifts, ramps)
- Passenger facilities (benches, shelters, and amenities)
- Intelligent transportation systems (ITS)
- Dispatch and fare collection systems
- Lease of equipment when it is more cost effective
- Transportation services under contract or lease
- Capital and operating expenses associated with contracted services
- Mobility management (including travel training, marketing of services, & eligibility management)
- Coordination programs among public transportation providers and other human services agencies

Mobility Management is an eligible *capital cost*. Activities may include: promotion and enhancement of access to transit services; short term management activities for planning/implementation of coordination; support of local coordination bodies and councils; operation of transportation brokerages to coordinate providers; provision of coordination services such as travel training and trip planning for customers; development and operation of one-stop travel call centers; eligibility management; operations and planning using intelligent transportation technology (GIS, GPS, coordinated vehicle scheduling/dispatch/monitoring, coordinated billing, and single smart customer payment systems). *The purchase of technology is also an eligible capital expense.*

Non-Traditional Section 5310 Projects Up to 45% of program funds may be used for public transportation projects that exceed the requirements of the ADA, improve access to fixed route service and decrease reliance on paratransit service, or provide alternatives to public transportation that assist seniors and individuals with disabilities with transportation. The following activities are examples of eligible projects that go beyond the minimum requirements of ADA:

- Expansion of paratransit service beyond the $\frac{3}{4}$ mile required by ADA
- Expansion of service hours for ADA paratransit beyond hours of fixed-route services
- Incremental cost of providing same day service; incremental cost of making door-to-door service available to all ADA paratransit riders

- Enhancing service by providing escorts or assisting riders through the door of their destination
- Purchase of equipment designed for mobility aids that exceed the dimensions/weight ratings under the ADA and labor costs of aides to help drivers with over-sized wheelchairs
- Installation of additional securement locations in public buses beyond ADA requirement feeder service to other transit services for which complementary paratransit service is not required under the ADA
- Making accessibility improvements to transit and intermodal stations not designated as key stations or renovation to an existing station
- Building accessible paths to bus stops that are currently inaccessible (curb cuts, sidewalks, pedestrian signals, or other accessible features)
- Improving signage or wayfinding technology
- Other technology improvements that enhance accessibility for those with disabilities including ITS
- Travel training
- Public transportation alternatives that assist seniors and individuals with disabilities with transportation.

Public Transportation Alternatives activities may include: ride sharing, and/or vanpooling programs; supporting the administration and expense related to new voucher programs for existing transportation services offered by human service providers (mileage reimbursement as part of a volunteer driver program, taxi trip, or trips provided by human service agency). Vouchers are an operational expense that requires a 50/50 match. Support of volunteer driver and aide programs is also an eligible activity (administration, safety, background checks, scheduling, coordination of passengers, and insurance associated with volunteer driver programs).

Cost Sharing/Match Requirement:

The 5310 grant program requires a local match to ensure projects are 100% funded. The FTA's contribution varies according to project type (please see below). Non-DOT funds and local and private funds can be used as the local match. Examples of types of programs that are potential sources of local match include: employment, training, aging, medical, community services, and rehabilitation services. Funds can be used to support:

- Capital Projects – 80% Fed/20% Local Match
- Operating – 50% Fed/ 50% Local Match
- ADA vehicle-related equipment (on and attached to the vehicle) – 90% Fed/ 10% local

DCHC MPO Section 5310 Grant Application 2018

Project Selection for 5310 Grants:

Projects will be awarded through a competitive selection process. Applications will be received by DCHC MPO staff and passed along to the Selection Subcommittee who will review and score the applications. After scoring the proposals, projects recommended for funding will be presented to the DCHC MPO Technical Committee (TC). TC will review the projects recommended for funding and make a recommendation to the DCHC Board. The Board will vote on funding of the recommended projects. The list of approved projects will be published and submitted to the FTA for funding.

Note: All proposals should reflect public transportation and human service transportation priorities and projects documented in the CPT-HSTP.

Call for Projects and Application Schedule

- May 23, 2018 TC receives schedule/Notification of 2018 Call for Projects
- June 13, 2018 Board receives schedule/Notification of 2018 Call for Projects
- 5/23/2018–
7/13/2018 Advertising & solicitation for applications
- **7/13/2018 Application deadline: 5:00 pm**
- 7/13/2018 –
8/10/2018 LPA reviews and scores proposals; selects projects for recommendation.
- 8/22/2018 TC action on FY2018 Program of Projects recommendations
- 9/12/2018 Board action on FY2018 Program of Projects recommendations
- Notification of funding is conveyed to sub-recipients, federal grant application process is completed, and funding packages are distributed.

SCORING CRITERIA

The following information and scoring criteria will be used to score and rate project applications for Section 5310 projects.

- a. *Project Needs/Goals and Objectives (30 points)*: The project should directly address priority transportation needs identified through the Durham-Chapel Hill-Carrboro MPO's locally developed Coordinated Public Transportation - Human Services Transportation Plan. Project application should clearly state the overall program goals and objectives, and demonstrate how the project is consistent with the objectives of the 5310 grant program. The project application should indicate the number of persons expected to be served, and the number of trips (or other units of service) expected to be provided.
- b. *Implementation Plan and Evaluation (15 points)*: For all projects, applicants must provide a well-defined service operations plan and/or capital procurement plan, and describe implementation steps and timelines for carrying out the plan. The implementation plan should identify key personnel assigned to this project and their qualifications. Project sponsors should demonstrate their institutional capability to carry out the service delivery aspect of the project as described.
- c. *Project Budget (15 points)*: Projects must submit a clearly defined project budget, indicating anticipated project expenditures and revenues, including documentation of matching funds. Proposals should address long-term efforts and identify potential funding sources for sustaining the service beyond the grant period.
- d. *Partnerships and Program Outreach (25 points)*: Proposed projects will be evaluated based on their ability to coordinate with other public transportation, community transportation and/or social service resources. Projects that include partnerships with non-profits, private business, or other stakeholders will also receive higher points. Project sponsors should clearly identify project stakeholders, and how they will keep stakeholders involved and informed throughout the project. Project sponsors should also describe how they would promote public awareness of the project. Letters of support from key stakeholders and/or customers should be attached to the grant application.
- e. *Program Effectiveness and Performance Indicators (10 points)*: The project will be scored based on the project sponsor's ability to demonstrate that the proposed project is the most appropriate match of service delivery to the need, and is a cost-effective approach. Project sponsors must also identify clear, measurable outcome-based performance measures to track the effectiveness of the service in meeting the identified goals. A plan should be provided for ongoing monitoring and evaluation of the service, and steps to be taken if original goals are not achieved. Sponsor should describe their steps to measure the effectiveness and magnitude of the impact that the project will have on target markets (i.e., persons with disabilities or seniors for the 5310 funds).
- f. *Innovation (5 points)*: The project will be examined to see if it contains innovative ideas (service concepts or facilities, creative financing, or new technologies) that have the potential for improving access and mobility for the target populations and may have future application elsewhere in the region.

Section 5310 Project Evaluation Score Sheet

Project Name:) _____

Funding Type: _____ Capital Only _____ Operating Only
 _____ Capital & Operating _____ Mobility Management/Coordinated Planning

The Selection Committee must find that the answer to each of the following questions is affirmative for a project to be considered eligible for grant funding.

Each proposal will receive a score from the Project Selection Committee according to following criteria:

Is the proposed project a non-duplicative service or program?	Yes	No
Are eligible local matching funds identified and available?	Yes	No
Does the project provide benefits to the Durham – Chapel Hill – Carrboro urbanized area (see map on p.3)?	Yes	No
5310 Criteria		
Is the proposed project a “Traditional Section 5310 Project” or “Non-Traditional Section 5310 Project”? Please Select.	Trad	Non-Trad
Is the agency eligible for the project type selected?	Yes	No
Is the proposed project identified within the CPT-HSTP (a project listed within the plan)?	Yes	No
Is the proposed project targeted toward meeting the transportation needs of seniors and individuals w/ disabilities?	Yes	No

Project Evaluation Criteria	Possible Points	Project Score
Project Need/Goals & Objectives 30%		
How well does this project address high-priority needs identified in the Coordinated Plan?	20	
How effectively will this project increase the numbers of target market customers served?	10	
Implementation Plan 15%		
What is the quality of the implementation plan?	15	
Project Budget 15%		
How efficiently will the projects provide benefits to the customers (e.g., cost per customer served).	10	
How financially sustainable is the program/service beyond the grant period?	5	
Partnerships, Collaboration, & Outreach 25%		
Does the project maximize resources (coordination with other transit services or local match from other non-DOT Federal programs)?	5	
Does the project partner/collaborate with non-profit, human services agencies, or private business?	10	
What is the quality of marketing/outreach plan?	5	
How widely will the benefits of this project be felt? (more points for region-wide benefits).	5	
Program Effectiveness and Performance Indicators 10%		
What is the quality of the evaluation plan? Are performance monitoring metrics and key performance indicators sound and effective in evaluating the project?	10	
Innovation 5%		
Does the project contain innovative ideas, creative financing, or new technologies that could be applied elsewhere in the region?	5	
	100	
	Possible Points	Project Points

Application Checklist

Applicants should use this checklist to ensure that all applicable parts of the application and attachments are completed and submitted.

PART I: Funding Request – Grants Title Page

- ☐ Applicant Data
- ☐ Project Description

PART II: Project Narrative

- ☐ Map of Applicant Service Area
- ☐ Existing and Proposed Transportation Services
- ☐ Project Needs
- ☐ Goals & Objectives
- ☐ Implementation Plan
- ☐ Coordination (partners in project or coordination with other services, if applicable)
- ☐ Program Outreach Plan
- ☐ Program Effectiveness & Performance Measures

PART III: Proposed Project Budget

- ☐ Project Funding Worksheet
- ☐ Project Funding & Local Match

PART IV: Required Certifications

- ☐ Drug and Alcohol Testing Policy or Drug-Free Workplace Policy (*please attach your organization's policy to application*)
- ☐ Local Match Certification Form (*please attach a signed certification like the sample provided*)
- ☐ Lobbying Certification Form (*please attach a signed certification like the sample provided*)
- ☐ Equal Employment Opportunity Certification (*please attach a signed certification like sample provided*)
- ☐ Title VI Non-discrimination policy (*please attach your organization policy or a signed certification like the sample provided*)

Application for Funding

Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities

PART I – Applicant Data

Legal Name:

DUNS Number:

Contact Person:

Address:

City, State, Zip:

Telephone:

Fax:

E-mail:

Agency Type: *Check one please*

☐ Operator of Public Transit ☐ Non-profit organization

☐ State or local government agency ☐ Other (please describe) _____

☐ State or local government agency certifying that there are no non-profit organizations readily available in the area to provide the service.

Project Description

Title: _____

Brief Description: _____

Funding Program:

5310 Traditional Project _____ 5310 Non-traditional Project _____

Project Type: Capital Only _____ Capital & Operating _____
Operating Only _____ Mobility Mgt./Coordinated Planning _____

New or continuing project? _____ New _____ Continuing

Duration of project: 1 year _____ Multi-year (number of years) _____
Other period of time _____

Service (days/hours) *(if applicable):* _____

Estimated operating cost per one-way trip *(if applicable):* _____

Estimated daily riders *(if applicable):* Weekday: _____ Weekend: _____

PART II – Narrative

Project Need/Goals and Objectives

1. Describe the unmet transportation need that the proposed project seeks to address and the relevant planning effort that documents the need. Does it cover an area targeted by the CPT-HSTP? Describe how the project will mitigate the transportation need. Estimate the number of people served and/or the number of service units that will be provided. Describe the specific community this project will serve, and provide pertinent demographic data and/or maps.
2. What are the project's goals and objectives?

Implementation Plan

1. Describe key personnel assigned to this project, and your agency's ability to manage the project.
2. Provide an operational plan for delivering service. Include route or service area map, if applicable. OR provide an implementation plan for completing a capital project, including key milestones and estimated completion date.
3. Explain how this project relates to other services or facilities provided by your agency or firm and demonstrate how it can be achieved within your technical capacity.

Project Budget

1. Project sponsor should provide a complete budget indicating project revenues and expenditures in the format provided in Part III and describe efforts to ensure its cost-effectiveness.

Partnerships, Collaboration, and Outreach

1. Describe how the project will be coordinated with public and/or private transportation and social service agencies serving low-income populations, seniors, and individuals with disabilities. Is the project co-sponsored with other partners?
2. Describe efforts to market the project, and ways to promote public awareness of the program. Letters of support should be obtained from key stakeholders and attached to the grant application.

Program Effectiveness and Performance Indicators

1. Project application should demonstrate that the proposed project is the most appropriate match of service delivery to the need. Identify performance measures to track the effectiveness of the service in meeting the identified goals. For capital-related projects, project sponsor is responsible to establish milestones and report on the status of project delivery.
2. Describe a plan for monitoring and evaluation of the service, and steps to be taken if original goals are not achieved.

Innovation

1. Describe any proposed use of innovative approaches that will be employed for this project (service concepts or facilities, creative financing, or new technologies). Discuss what is innovative about the approach and how the innovations could be applied elsewhere in the region.
-

PART III – Project Budget

Project Funding Worksheet

Please fill in the areas below that are relevant for the project type selected.

A. Total Project Budget \$ _____

Capital Federal Share \$ _____ **80%**

Capital Local Match \$ _____ **20%**

Operating Federal Share \$ _____ **50%**

Operating Local Match \$ _____ **50%**

ADA vehicle-related equipment Federal Share \$ _____ **90%**

ADA vehicle-related equipment Local Match \$ _____ **10%**

B. Duration of Project (*please select*): 1 Year _____
 2 Year _____
 Other (*note time period*) _____

DCHC MPO Section 5310 Grant Application 2018

Project Funding & Local Match

Local matching funds will be required for all application submittals. For projects requiring operating funds, the required match is 50% from non-DOT funds. For capital projects the required match is 20% from non-DOT funds. Funds from local government, other federal sources, non-profits, and other private sources can be used for the local match required.

C. Local Match Funding Source(s):

D. Will there be a commitment of funds beyond the grant period? _____ Yes _____ No

Describe: _____

PART IV – Required Certifications & Policies (please attach to application)

1. Drug and Alcohol Testing Policy or Drug-Free Workplace Policy *(please attach)*
2. Local Match Certification *(please attach form or letter similar to sample)*
3. Lobbying Certification Form (please attach a signed certification like sample provided)
4. Title VI Non-discrimination policy *(please attach your organization policy or a signed certification like the sample provided)*
5. Equal Employment Opportunity Certification (please attach certification like sample provided)

DCHC MPO Section 5310 Grant Application 2018

Local Match Certification Letter Sample

Date

Meg Scully, Grants Administrator
DCHC MPO
101 City Hall Plaza
Transportation Dept.
Durham, NC 27701

RE: FY 2014 5310 Application

(Organization/Business Name) is submitting an application for the Enhanced Mobility for Seniors and Individuals with Disabilities funds for (Project name/service).

The purpose of this letter is to serve as the official assurance of the 0% local match required for the project. Sufficient funds are allocated in the budget to provide local match should the grant be approved. This letter serves to certify that of the total project cost of \$000,000 and requires local matching funds in the amount of \$000,000.

Sincerely,

(Name of Finance Administrator/CFO/CEO/etc.)

Title VI Non-Discrimination Policy Statement Sample

It is the policy of (your organization name) to ensure that no person shall, on the ground of race, color, sex, age, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program of activity as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and any other related non-discrimination Civil Rights laws and authorities.

_____ (signature)

Name
Company Position

Date

Equal Employment Opportunity Certification

[Company Name] provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability or genetics. In addition to federal law requirements, *[Company Name]* complies with applicable state and local laws governing nondiscrimination in employment in every location in which the company has facilities. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, and transfer, leaves of absence, compensation and training.

[Company Name] expressly prohibits any form of workplace harassment based on race, color, religion, gender, sexual orientation, gender identity or expression, national origin, age, genetic information, disability, or veteran status. Improper interference with the ability of *[Company Name]*'s employees to perform their job duties may result in discipline up to and including discharge.

DCHC MPO Section 5310 Grant Application 2018

Lobbying Certification

You must select the following certifications if you apply on behalf of your applicant for a Federal grant or cooperative agreement exceeding \$100,000, or a loan (including a line of credit), loan guarantee, or loan insurance exceeding \$150,000, except if you are applying on behalf of an Indian tribe, tribal organization, or other Indian organization or if we determine otherwise in writing.

As required by 31 U.S.C. 1352 and U.S. DOT regulations, "New Restriction on Lobbying," specifically 49 CFR 20.110, you and your Applicant understand that:

- a. The lobbying restrictions of your certification apply your Applicant's request for:
 - (1) \$100,000 or more in Federal funding for a grant or cooperative agreement, and
 - (2) \$150,000 or more in Federal funding for a loan, line of credit, or loan guarantee,
- b. Its certification covers the lobbying activities of:
 - (1) It,
 - (2) Its principals, and
 - (3) Its first tier subrecipients:

Therefore, on behalf of your Applicant, you certify to the best of your knowledge and belief, that:

1. No Federal appropriated funds have been or will be paid by or on its behalf to any person:
 - a. To influence or attempt to influence:
 - (1) An officer or employee of any Federal agency,
 - (2) A Member of Congress, an employee of a member of Congress, or an officer or employee of Congress,
 - b. Regarding the award of a :
 - (1) Federal grant or cooperative agreement, or
 - (2) Federal loan, line of credit, loan guarantee, or loan insurance
2. It will submit a complete OMB Standard Form-LLL, "Disclosure of Lobbying Activities (Rev. 7-97)," in accordance with its instructions, if any funds other than Federal appropriated funds have been or will be paid to any person:
 - a. To influence or attempt to influence:
 - (1) An office or employee of any Federal agency,
 - (2) A Member of Congress, an employee of a Member of Congress, or an officer or employee of Congress, or
 - b. Regarding any application for a:
 - (1) Federal grant or cooperative agreement,
 - (2) Federal loan, line of credit, loan guarantee, or loan insurance, and
3. It will include the language of this certification in the award documents for all subawards at all tiers including, but not limited to subcontracts, subgrants, subagreements, and third party contracts under a Federal grant or cooperative agreement, or Federal loan, line of credit, loan guarantee, or loan insurance, and
4. It understands that:
 - a. This certification is a material representation of fact that the Federal Government relies on, and
 - b. It must submit this certification before the Federal Government may award funding for a transaction covered by 31 U.S.C. 1352, including a:
 - (1) Federal grant or cooperative agreement, or
 - (2) Federal loan, line of credit, loan guarantee, or loan insurance, and
5. It also understands that any person who does not file a required certification will be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Name/Position (printed)

Name (signed)

Date

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: May 9, 2018

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

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
- Minor update is proposed to address ROMF

2045 Metropolitan Transportation Plan (MTP)

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

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

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

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

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

GIS Online (AGOL)/Data Management

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

MPO Website Update and Maintenance

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

Triangle Regional Model Update

- ✓ Completed
- Work Commences on the Rolling Household Survey

Prioritization 5.0/STI/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 – 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 – September 12, 2018
- LPA addresses public comments and makes draft recommendation on local points for Division category – October 2018
- Approval of Division Impact points – November 14, 2018
- Submission of Regional Impact points to NCDOT – November 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 – TBD

MPO ADA Transition Plan

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

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
- 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

Contract Number: C203394		Route: I-885, NC-147, NC-98 US-70	
Division: 5		County: Durham	
TIP Number: U-0071			
Length: 4.009 miles		Federal Aid Number:	
NCDOT Contact: Cameron D. Richards		NCDOT Contact No: (919)835-8200	
Location Description: EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM.			
Contractor Name: DRAGADOS USA INC			
Contract Amount: \$141,949,500.00		Cost Overrun/Underrun: 7.28%	
Work Began: 02/26/2015		Letting Date: 11/18/2014	
Original Completion Date: 05/10/2020		Revised Completion Date:	
Latest Payment Thru: 04/22/2018		Scheduled Progress: 62.4%	
Latest Payment Date:		Actual Progress: 64.4%	

Contract Number: C203492		Route: SR-2220	
Division: 5		County: Durham	
TIP Number: EB-4707B			
Length: 1.756 miles		Federal Aid Number: STPDA-0505(64)	
NCDOT Contact: James M. Nordan, PE		NCDOT Contact No: (919)220-4680	
Location Description: SR-2220 (OLD CHAPEL HILL ROAD) FROM SR-1113 (POPE ROAD) TO SR-1116 (GARRETT ROAD).			
Contractor Name: FSC II LLC DBA FRED SMITH COMPANY			
Contract Amount: \$7,295,544.75		Cost Overrun/Underrun: 3.2%	
Work Began: 06/26/2017		Letting Date: 05/16/2017	
Original Completion Date: 05/14/2019		Revised Completion Date:	
Latest Payment Thru: 03/31/2018		Scheduled Progress: 35.5%	
Latest Payment Date: 04/12/2018		Actual Progress: 40.1%	

Contract Number: C203567		Route: NC-55	
Division: 5		County: Durham	
TIP Number: U-3308			
Length: 1.134 miles		Federal Aid Number: STP-55(20)	
NCDOT Contact: James M. Nordan, PE		NCDOT Contact No: (919)220-4680	
Location Description: NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST).			
Contractor Name: ZACHRY CONSTRUCTION CORPORATION			
Contract Amount: \$39,756,916.81		Cost Overrun/Underrun: 2.59%	
Work Began: 10/05/2016		Letting Date: 07/19/2016	
Original Completion Date: 03/30/2020		Revised Completion Date: 07/16/2020	
Latest Payment Thru: 04/15/2018		Scheduled Progress: 22.8%	
Latest Payment Date: 04/23/2018		Actual Progress: 24.48%	

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

Contract Number: C204087		Route: US-70	
Division: 5		County: Durham	
TIP Number:			
Length: 44.124 miles		Federal Aid Number:	
NCDOT Contact: Cameron D. Richards		NCDOT Contact No: (919)835-8200	
Location Description: 1 SECTION OF US-70 AND 106 SECTIONS OF SECONDARY ROADS.			
Contractor Name: CAROLINA SUNROCK LLC			
Contract Amount: \$7,054,264.20		Cost Overrun/Underrun: 0.21%	
Work Began: 01/16/2018		Letting Date: 09/19/2017	
Original Completion Date: 11/15/2018		Revised Completion Date:	
Latest Payment Thru: 03/31/2018		Scheduled Progress: 23%	
Latest Payment Date: 04/09/2018		Actual Progress: 16.36%	

Contract Number: DE00173 Division: 5 TIP Number: W-5205V Length: 0 miles NCDOT Contact: James M. Nordan, PE Location Description: SR 1104/SR 1105 (HERNDON RD) AT SR 1106 (MASSEY CHAPEL/ BARBEE RD) IN DURHAM COUNTY Contractor Name: TRIANGLE GRADING & PAVING INC Contract Amount: \$1,046,988.75 Work Began: 05/01/2017 Original Completion Date: 08/18/2017 Latest Payment Thru: 04/15/2018 Latest Payment Date: 04/20/2018	Route: SR-1104 County: Durham Federal Aid Number: HSIP-1104(19) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 9.58% Letting Date: 11/09/2016 Revised Completion Date: 10/31/2017 Scheduled Progress: 100% Actual Progress: 69.04%
Contract Number: DE00206 Division: 5 TIP Number: Length: 0.23 miles NCDOT Contact: Cameron D. Richards Location Description: BRIDGE #117 OVER MUD CREEK SR 1308 (CORNWALLIS ROAD) Contractor Name: DANE CONSTRUCTION INC Contract Amount: \$0.00 Work Began: Original Completion Date: Latest Payment Thru: Latest Payment Date:	Route: SR-1308 County: Durham Federal Aid Number: NCDOT Contact No: (919)835-8200 Cost Overrun/Underrun: 0% Letting Date: 12/13/2017 Revised Completion Date: Scheduled Progress: 0% Actual Progress: 0%
Contract Number: DE00213 Division: 5 TIP Number: Length: 0 miles NCDOT Contact: Cameron D. Richards Location Description: VARIOUS PRIMARY AND SECONDARY ROUTES IN DURHAM COUNTY Contractor Name: CAROLINA SUNROCK LLC Contract Amount: \$4,169,878.04 Work Began: 10/18/2017 Original Completion Date: 06/01/2018 Latest Payment Thru: 03/31/2018 Latest Payment Date: 04/10/2018	Route: NC-55 County: Durham Federal Aid Number: NCDOT Contact No: (919)835-8200 Cost Overrun/Underrun: 7.1% Letting Date: 06/28/2017 Revised Completion Date: Scheduled Progress: 34.1% Actual Progress: 46.88%
Contract Number: DE00214 Division: 5 TIP Number: Length: 0 miles NCDOT Contact: James M. Nordan, PE Location Description: VARIOUS SECONDARY ROUTES IN DURHAM AND PERSON COUNTIES Contractor Name: WHITEHURST PAVING CO INC Contract Amount: \$0.00 Work Began: 05/08/2018 Original Completion Date: 07/01/2018 Latest Payment Thru: Latest Payment Date:	Route: SR-XXX County: Durham Federal Aid Number: NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 0% Letting Date: 06/14/2017 Revised Completion Date: Scheduled Progress: 0% Actual Progress: 0%
Contract Number: DE00216 Division: 5 TIP Number: W-5601GD, W-5601GG, W-5601HX W-5601HY Length: 0 miles NCDOT Contact: James M. Nordan, PE Location Description: SR 1361 (VICKERS AVE) AT LAKEWOOD AVENUE IN DURHAM COUNTY Contractor Name: BRENTWOOD DISPLAY SERVICES INC. Contract Amount: \$211,982.82 Work Began: 07/05/2017 Original Completion Date: 12/05/2017 Latest Payment Thru: 12/31/2017 Latest Payment Date: 01/11/2018	Route: SR-1361 County: Durham Federal Aid Number: HSIP-1361(010) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 8.23% Letting Date: 05/24/2017 Revised Completion Date: Scheduled Progress: 100% Actual Progress: 68.27%

Contract Number: DE00228	Route: I-85
Division: 5	County: Durham
TIP Number: I-5729	
Length: 5.61 miles	Federal Aid Number: NHPP-0085(013)
NCDOT Contact: James M. Nordan, PE	NCDOT Contact No: (919)220-4680
Location Description: I-85 FROM US-15/501 TO EAST OF SR-1827 (MIDLAND TERRACE RD) IN DURHAM	
Contractor Name: INTERSTATE IMPROVEMENT INC	
Contract Amount: \$4,168,265.78	Cost Overrun/Underrun: 2.02%
Work Began: 03/13/2018	Letting Date: 10/11/2017
Original Completion Date: 11/01/2018	Revised Completion Date:
Latest Payment Thru: 03/22/2018	Scheduled Progress: 5.6%
Latest Payment Date: 04/02/2018	Actual Progress: 10.61%

Contract Number: DE00230	Route: SR-1118
Division: 5	County: Durham
TIP Number: W-5601EH	
Length: 0 miles	Federal Aid Number: HSIP-1118(007)
NCDOT Contact: James M. Nordan, PE	NCDOT Contact No: (919)220-4680
Location Description: SR 1118 (FAYETTEVILLE ROAD) AT COOK ROAD (SOUTHERN INTERSECTION) IN DURHAM	
Contractor Name: FULCHER ELECTRIC OF FAYETTEVILLE INC	
Contract Amount: \$70,660.50	Cost Overrun/Underrun: 1.08%
Work Began: 02/15/2018	Letting Date: 12/13/2017
Original Completion Date: 04/15/2018	Revised Completion Date:
Latest Payment Thru: 03/31/2018	Scheduled Progress: 96.5%
Latest Payment Date: 04/11/2018	Actual Progress: 77.96%

NCDOT Division 5 Contract Status

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	CONST \$	Comments
W-5705C	US 501 AT GARRETT ROAD, US 501 BUSINESS AT WESTGATE DRIVE, US 501 BUSINESS AT TOWER BOULEVARD, AND US 501 BUSINESS AT SHANNON ROAD SAFETY IMPROVEMENTS			Division POC Let (DPOC)	4/25/2018	MICHAEL KNEIS	\$375,000	Under Construction
W-5705M	I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)			On Call Contract (OCC)	5/3/2018	MICHAEL KNEIS	\$80,000	
W-5705N	I-85 AT CLUB BOULEVARD, GLEN SCHOOL ROAD, RED MILL ROAD, REDWOOD ROAD INTERCHANGE RAMPS, SAFETY IMPROVEMENTS (MP: 5.474- 12.304)			On Call Contract (OCC)	5/3/2018	ROGER KLUCKMAN	\$322,000	
15005.1032011	PIPE NO. 72 ON REDWOOD ROAD Repairs due to Hurricane Matthew for Site 32001, located on DOT_Number(SR 1637), in Durham County			Division POC Let (DPOC)	5/23/2018	Lisa Gilchrist		
W-5705K	SR 1327(GREGSON STREET)AT LAMOND AVENUE(MP:0.386-0.386); AND SR 1445(DUKE STREET)AT WEST CORPORATION STREET (MP:1.230-1.230) SAFETY IMPROVEMENTS			Division POC Let (DPOC)	6/28/2018	MICHAEL KNEIS	\$65,000	
EB-5514	NC 751 / SR 1183 (UNIVERSITY DRIVE) / SR 2220 (CHAPEL HILL ROAD) / NON-SYSTEM (UNIVERSITY DRIVE) FROM SR 1116 (GARRETT ROAD) TO SR 1158 (CORNWALLIS ROAD)IN DURHAM. ADD BICYCLE LANES AND PEDESTRIAN IMPROVEMENTS.			NON - DOT LET (LAP)	7/5/2018	VACANT	\$1,025,000	Coordination with Wegmans Development ongoing
EB-4707A	SR 1838/ SR 2220 FROM US 15/501 IN ORANGE COUNTY TO SR 1113(POPE ROAD) IN DURHAM COUNTY BICYCLE, PEDESTRIAN AND TRANSIT IMPROVEMENTS	8/20/2015	8/20/2015	Division POC Let (DPOC)	8/22/2018	MICHAEL KNEIS	\$2,844,000	
17BP.5.R.96	REPLACE BRIDGE 376 OVER LITTLE BLACK CREEK ON SR 2761 WAKE COUNTY			Division POC Let (DPOC)	9/26/2018	Lisa Gilchrist	\$965,000	
U-5745	NC 751 (HOPE VALLEY ROAD) AT SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.	8/21/2017	7/6/2017	Division POC Let (DPOC)	9/26/2018	ROGER KLUCKMAN	\$1,300,000	
17BP.5.C.02	REMOVE 50 FEET OF EXISTING DUAL 48" CMP REPLACE WITH SINGLE 9'-11", 6' x 8" ALUMINUM BOX DURHAM COUNTY			Division POC Let (DPOC)	12/7/2018	Lisa Gilchrist		
W-5601EM	SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET. SAFETY IMPROVEMENTS.			Division POC Let (DPOC)	12/12/2018	MICHAEL KNEIS	\$14,000	R/W certified. Waitin on Agreements from City City request to add sidewalk and curb and gutter - may need to delay
C-5605E	CITY OF DURHAM BICYCLE LANE STRIPING: 8 MILE OF BIKE LANES.			NON - DOT LET (LAP)	12/31/2018	VACANT	\$504,000	
C-5605I	DURHAM NEIGHBORHOOD BIKE ROUTE:~7 MILES OF SIGNED AND MARKED NEIGHBORHOOD BIKE ROUTES IN CENTRAL DURHAM.		8/30/2018	NON - DOT LET (LAP)	3/29/2019	VACANT	\$540,883	
U-5968	CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM			Raleigh Letting (LET)	4/16/2019	SHERRY C. YOW	\$21,865,000	

NCDOT Division 5 Contract Status

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	CONST \$	Comments
U-4726HO	CARPENTER - FLETCHER ROAD BIKE - PED; CONSTRUCT BIKE LANES / SIDEWALKS (CITY MAINTAINED) FROM WOODCROFT PARKWAY (CITY MAINTAINED) TO ALSTON AVENUE (SR 1945).		6/30/2018	NON - DOT LET (LAP)	6/30/2019	VACANT		
C-5605H	DOWNTOWN DURHAM WAYFINDING PROGRAM SIGNS/KIOSKS TO FACILITATE NAVIGATION AND PARKING.	9/30/2018	9/30/2018	NON - DOT LET (LAP)	7/1/2019	VACANT	\$605,000	
47451.3.1	NC 98 (Holloway Street) - Traffic Signal at Adams Street and channelization at S. Woodcrest Street			On Call Contract (OCC)	7/15/2019	Roger Kluckman		
C-5183B	SR 1945 (S ALSTON AVENUE) FROM SR 1171 (RIDDLE ROAD) TO CAPPS STREET. CONSTRUCT SIDEWALKS IN DURHAM			NON - DOT LET (LAP)	7/31/2019	VACANT	\$706,000	
EB-5703	DURHAM - LASALLE STREET FROM KANGAROO DRIVE TO SPRUNT AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES FROM KANGAROODRIVE TO US 70 BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDEFROM HILLSBOROUGH ROAD TO SPRUNT AVENUE.			NON - DOT LET (LAP)	9/29/2019	VACANT	\$578,000	
EB-5708	NC 54 FROM NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT INDURHAM CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE			NON - DOT LET (LAP)	9/29/2019	VACANT	\$275,000	
EB-5715	US 501 BYPASS (NORTH DUKE STREET) FROM MURRAY AVENUE TO US 501 BUSINESS (NORTH ROXBORO ROAD) IN DURHAM CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN EXISTING GAPS			NON - DOT LET (LAP)	9/29/2019	VACANT	\$1,269,000	
17BP.5.R.97	BRIDGE 89 OVER LICK CREEK ON SR 1902			Division POC Let (DPOC)	10/15/2019	Lisa Gilchrist		
U-4726HN	CONSTRUCT BIKE LANES/SIDEWALKS IN DURHAM - HILLDALE ROAD	10/30/2018	10/30/2018	NON - DOT LET (LAP)	1/30/2020	VACANT		
C-4928	SR 1317 (MORRENE ROAD) FROM NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.	11/1/2018	11/1/2018	NON - DOT LET (LAP)	2/28/2020	VACANT	\$5,783,000	
U-5717	US 15/US 501 @ SR 1116 (GARRETT ROAD) IN DURHAM CONVERT AT-GRADE INTERSECTION TO INTERCHANGE	4/21/2019	4/21/2019	Division Design Raleigh Let (DDRL)	4/21/2020	BENJAMIN J. UPSHAW	\$26,300,000	Preferred Alternate Selected
17BP.5.R.83	BRIDGE 84 OVER CHUNKY PIE CREEK ON SR 1815			Division POC Let (DPOC)	4/22/2020	Lisa Gilchrist		
U-5516	AT US 501 (ROXBORO ROAD) TO SR 1448 (LATTI ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.	5/17/2019	5/17/2019	Division Design Raleigh Let (DDRL)	5/20/2020	BENJAMIN J. UPSHAW	\$5,500,000	Developing alternatives in response to public comments.
I-5707	I-40 - FROM NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM	6/18/2019	6/18/2019	Raleigh Letting (LET)	6/16/2020	TATIA L. WHITE	\$3,550,000	

NCDOT Division 5 Contract Status

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	CONST \$	Comments
P-5717	NORFOLK SOUTHERN H LINE CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	6/28/2019	6/30/2019	Raleigh Letting (LET)	6/23/2020	KUMAR TRIVEDI	\$10,000,000	
U-4724	DURHAM - CORNWALLIS RD (SR 1158) FROM SR 2295 (SOUTH ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD) IN DURHAM. BIKE AND PEDESTRIAN FEATURES.			NON - DOT LET (LAP)	6/30/2020	VACANT	\$4,978,000	
EB-5904	DUKE BELT LINE TRAIL - PETTIGREW STREET TO AVONDALE STREET IN DURHAM, CONSTRUCT A MULTI-USE TRAIL ON FORMER RAIL CORRIDOR	8/30/2018	9/30/2018	NON - DOT LET (LAP)	9/1/2020	VACANT	\$3,750,000	
EB-5837	THIRD FORK CREEK TRAIL FROM SOUTHERN BOUNDARIES PARK TO AMERICAN TOBACCO TRAIL IN DURHAM. CONSTRUCT SHARED USE PATH AND SIDEWALKS, AND INSTALL BEACON AT SR 1158 (CORNWALLIS RD.) CROSSING.	6/1/2020	6/30/2020	NON - DOT LET (LAP)	6/30/2021	VACANT	\$2,546,000	
U-5823	WOODCROFT PARKWAY EXTENSION. FROM SR 1116 (GARRETT ROAD) TONC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT.	1/27/2020	1/27/2020	NON - DOT LET (LAP)	8/30/2021	VACANT	\$1,798,000	
EB-5720	BRYANT BRIDGE NORTH/GOOSE CREEK WEST TRAIL, NC 55 TO DREW-GRANBY PARK IN DURHAM. CONSTRUCT SHARED-USE PATH AND CONNECTING SIDEWALKS.	9/30/2020	9/30/2020	NON - DOT LET (LAP)	9/30/2021	VACANT	\$4,432,000	
U-5934	NC 147 FROM I-40 TO FUTURE I-885(EAST END CONNECTOR)IN DURHAM ADD LANES AND REHABILITATE PAVEMENT		2/15/2022	Design Build Let (DBL)	2/15/2022	TATIA L. WHITE	\$177,100,000	
U-5720A	US 70 (MIAMI BLVD) FROM LYNN ROAD TO SR 1959 (SOUTH MIAMI BOULEVARD/SR 1811 (SHERRON ROAD)		3/15/2022	Design Build Let (DBL)	3/15/2022	TATIA L. WHITE	\$57,000,000	
U-5720B	US 70 (MIAMI BLVD) AT SR 1959 (SOUTH MIAMI BOULEVARD)/SR 1811 (SHERRON ROAD)INTERSECTION		3/15/2022	Design Build Let (DBL)	3/15/2022	TATIA L. WHITE	\$25,300,000	
U-5720C	US 70 (MIAMI BLVD) FROM SR 1959 (SOUTH MIAMI BLVD)/SR 1811 (SHERRON ROAD) TO SR 2095 (PAGE ROAD EXTENSIONS). UPGRADE TO CONTROLLED-ACCESS FACILITY AND CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		3/15/2022	Design Build Let (DBL)	3/15/2022	TATIA L. WHITE	\$110,800,000	
EB-5834	NC 157 / SR 1322 (GUESS RD.) FROM HILLCREST DRIVE TO SR 1407(WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES.		6/30/2021	NON - DOT LET (LAP)	9/20/2022	VACANT	\$589,000	
U-6021	SR 1118 (FAYETTEVILLE ROAD),FROM WOODCROFT PARKWAY TO BARBEE ROAD IN DURHAM. WIDEN TO 4-LANE DIVIDED FACILITY WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS.	2/19/2021	2/19/2021	Division Design Raleigh Let (DDRL)	2/21/2023	BENJAMIN J. UPSHAW	\$13,770,000	

NCDOT Division 5 Contract Status

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	CONST \$	Comments
U-5937	NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1445(SOUTH DUKE STREET)TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AULILIARY LANES AND OPERATIONAL IMPROVEMENTS.	3/19/2021	3/19/2021	Raleigh Letting (LET)	3/21/2023	TATIA L. WHITE	\$47,001,000	
EB-5835	NC 55 (ALSTON AVE.) FROM SR 1171 (RIDDLE RD.) TO CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN MISSING GAPS.		6/20/2022	NON - DOT LET (LAP)	9/20/2023	VACANT	\$525,000	
I-5941	I-85 FROM ORANGE COUNTY LINE TO US 15 /US 501 IN DURHAM PAVEMENT REHABILITATION	9/5/2023		Division Design Raleigh Let (DDRL)	12/19/2023	MICHAEL KNEIS	\$2,973,000	
I-5942	I-85 /US 15 FROM NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY PAVEMENT REHABILITATION	9/5/2023		Division Design Raleigh Let (DDRL)	12/19/2023	MICHAEL KNEIS	\$8,357,000	
B-5674	REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND	1/20/2023	1/20/2023	Raleigh Letting (LET)	1/16/2024	KEVIN FISCHER	\$2,209,000	
U-5774B	NC 54 FROM US 15/US 501 IN ORANGE COUNTY TO SR 1110 (BARBEECHAPEL ROAD) IN DURHAM COUNTY	6/16/2022	6/16/2022	Raleigh Letting (LET)	6/18/2024	TATIA L. WHITE	\$30,900,000	
U-5774C	NC 54 FROM SR 1110 (BARBEE CHAPEL ROAD) TO I-40	6/16/2022	6/16/2022	Raleigh Letting (LET)	6/18/2024	TATIA L. WHITE	\$23,700,000	
U-5774H	NC 54 FROM NC 751 TO SR 1118 (FAYETTEVILLE ROAD)	7/15/2022	7/15/2022	Raleigh Letting (LET)	10/15/2024	TATIA L. WHITE	\$13,200,000	
I-5982	I-540 DURHAM & WAKE COUNTY FROM I-40 IN DURHAM TO I-495/US 64/US 264 IN KNIGHTDALE. CONSTRUCT MANAGED SHOULDERS.		1/21/2025	Design Build Let (DBL)	1/21/2025	RODGER ROCHELLE	\$109,970,000	
P-5706	EAST DURHAM SAFETY AND TRACK IMPROVEMENTS. CONSTRUCT EXTENSION, TO INCLUDE COMBINATION GRADE SEPARATIONS AND CLOSURESAT ELLIS ROAD SOUTH END CROSSING (734737A), GLOVER ROAD CROSSING (734735L), AND WRENN ROAD CROSSING (734736T) IN DURHAM.	2/1/2023	2/1/2023	NON - DOT LET (Rail)	1/31/2025	MATTHEW SIMMONS	\$42,400,000	
P-5716	NORFOLK SOUTHERN H LINE CROSSING 735236Y AT SR 1171 (ELLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	6/30/2023	6/30/2023	Raleigh Letting (LET)	6/23/2026	MATTHEW SIMMONS	\$3,700,000	
P-5728	NS H LINE DURHAM COUNTY CONSTRUCT GRADE SEPARATION AT NEAL ROAD. COST INFORMATION DOES NOT EXIST AT THIS TIME AND A PLACEHOLDER VALUE OF \$1 WAS USED IN THE COST ESTIMATING SCREEN.	12/20/2024	1/21/2025	Raleigh Letting (LET)	12/15/2026	MATTHEW SIMMONS	\$4,000,000	
U-6067	US 15/US 501 DURHAM COUNTY FROM I-40 TO US 15/US 501 BUSINESS IN DURHAM UPGRADE CORRIDOR TO EXPRESSWAY.	2/21/2025	2/21/2025	Raleigh Letting (LET)	2/17/2027	TATIA L. WHITE	\$140,300,000	

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
B-4962 40174.1.1 40174.2.1 40174.3.1	Replace Bridge #46 over Eno river on US 70 Bypass	2/19/2019	FY 2021	\$5,012,000	Planning and Design activities underway	Kevin Fischer
I-3306AC 34178.1.6 34178.2.5 434178.3.9	Interchange improvements at I-40 and NC86 in Chapel Hill	3/21/2023	FY 2025	\$16,500,000	Planning and Design activities underway	Laura Sutton
P-5701 46395.1.1 46395.3.1	Construct Platform, Passenger Rail Station Building at Milepost 41.7 Norfolk Southern H-line in Hillsborough	6/30/2021	FY2022	\$7,200,000	PE funding scheduled 7/1/2020	Matthew Simmons
SS-4907BS 44894.2.1 44894.3.1	Installation of traffic signal at the intersection of US70 and SR 1114 (Buckhorn Road) East of Mebane .	5/31/2017	Jan. 2018	\$40,500 R/W \$43,200 CON	Utility relocations complete , R/W acquisition pending	Dawn McPherson
SS-4907BW 47356.1.1 47356.3.1	Intersection improvements at SR 1114 (Buckhorn Road) and SR 1146 (West Ten Road) east of Mebane. Convert two way stop to ALL WAY STOP. Construct radius improvements to accommodate turning traffic	9/1/2017	Dec. 2017	\$3000 PE \$55,000 CON	Installation 4-way stop complete, radius improvements completed by resurfacing -Spring 2018, RTE final inspection 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 Carrboro .	4/19/2018	Mar. 2019	\$775,000	Planning and design activities underway, R/W acquisition - 25% complete	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 Chapel Hill / Carrboro .	Jan. 2019	Mar. 2019	\$775,000	Planning and design activities underway	Chris Smitherman
U-5854 46382.1.1 46328.2.1 46382.3.1	Construct a roundabout at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road) in Chapel Hill	Jun. 2018	FY 2019	\$775,000	Planning and design activities underway, Utility coordination underway, R/W acquisition - 40% complete	Chris Smitherman

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

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



North Carolina Department of Transportation

Active Projects Under Construction - Orange Co.

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

Chatham County - DCHC MPO - Upcoming Projects - Division 8--April 2018								
Contract # or 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