



Technical Committee Meeting Agenda

Wednesday, March 28, 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 February 28, 2018 TC Meeting Minutes** [18-127](#)

A copy of the February 28, 2018 minutes is enclosed.

TC Action: Approve the minutes of the February 28, 2018 TC meeting.

Attachments: [2018-03-28 \(18-127\) 2.28.18 TC Meeting Minutes_LPA2.pdf](#)

ACTION ITEMS

5. **FY18 Unified Planning Work Program (UPWP) Amendment #3 (5 mins)** [18-126](#)

Meg Scully, LPA Staff

The DCHC MPO is required by federal regulations to prepare an annual Unified Planning Work Program (UPWP) that details and guides the urban area transportation planning activities. The UPWP identifies MPO planning tasks to be performed with the use of federal transportation funds. Changes to the UPWP budget during the fiscal year requires an amendment approved by the Board. Amendment #3 of the FY2018 UPWP proposes to re-allocate Surface Transportation Block Grant-Direct Attributable (STBG-DA) funds among various task codes for the Town of Carrboro, and de-obligate STBG-DA funds from various task codes as well as re-allocate Section 5303 funds among various task codes for the Town of Chapel Hill. The attached memorandum and resolution with tables provide details.

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

Attachments: [2018-03-28 \(18-126\) Memorandum FY18 UPWP Amend 3.pdf](#)
[2018-03-28 \(18-126\) 2018 UPWP amend 3 Resolution with tables.pdf](#)

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

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

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

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

Attachments: [2018-03-28 \(18-128\) TIP Amendment #2 Full Report.pdf](#)
 [2018-03-28 \(18-128\) TIP Amendment #2 Summary Sheet.pdf](#)
 [2018-03-28 \(18-128\) TIP Amendment #2 Resolution.pdf](#)

REPORTS FROM STAFF:**7. Report from Staff**[18-107](#)**Felix Nwoko, LPA Staff**

TC Action: Receive report from Staff.

Attachments: [2018-03-28 \(18-107\) LPA staff report.pdf](#)

8. Report from the Chair[18-108](#)**Ellen Beckmann, TC Chair**

TC Action: Receive report from the TC Chair.

9. 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: [2018-03-28 \(18-109\) NCDOT Progress Report.pdf](#)

INFORMATIONAL ITEMS:

Adjourn

Next meeting: April 25, 9 a.m., Durham Convention Center, 301 West Morgan Street

**Dates of Upcoming Transportation-Related Meetings:
NCAMPO 2018 Conference April 25-27, Durham**

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TECHNICAL COMMITTEE

February 28, 2018

MINUTES OF MEETING

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Technical Committee met on February 28, 2018, at 9:00 a.m. in the City Council Committee Room, located on the second floor of Durham City Hall. The following people were in attendance:

Ellen Beckmann (Chair)	City of Durham Transportation
Margaret Hauth (Vice Chair)	Hillsborough Planning
Kayla Seibel (Member)	Chapel Hill Planning
Kumar Neppalli (Member)	Chapel Hill Engineering
Hannah Jacobson (Member)	City of Durham Planning
Tina Moon (Member)	Carrboro Planning
Bergen Watterson (Member)	Chapel Hill 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
John Hodges-Copple (Member)	Triangle J Council of Governments
Geoff Green (Member)	GoTriangle
Julie Bogle (Member)	NCDOT, TPD
Kurt Stolka (Member)	UNC
David Keilson (Alternate)	NCDOT, Division 5
Ed Lewis (Alternate)	NCDOT, Division 7
Bryan Kluchar (Member)	NCDOT, Division 8
Eddie Dancausse	Federal Highway Administration
Dale McKeel	City of Durham/DCHC MPO
Felix Nwoko	DCHC MPO
Andy Henry	DCHC MPO
Meg Scully	DCHC MPO
Brian Rhodes	DCHC MPO
Aaron Cain	DCHC MPO
Anne Phillips	City of Durham Transportation

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.

Zach Hallock, the new transportation planner from the Town of Carrboro, was 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

Chair Ellen Beckmann stated that she was listed as being affiliated with the City of Durham's Planning Department, instead of Transportation, in the January minutes. Ed Lewis stated that an interstate project was incorrectly identified as a Congestion Mitigation/Air Quality (CMAQ) Improvement project. Geoff Green made a motion to approve the January 24, 2018, minutes as amended. Nishith Trivedi seconded the motion. The motion passed unanimously.

ACTION ITEMS:

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

Geoff Green, GoTriangle
Maureen Devlin, LPA Staff

Geoff Green stated that as part of the interlocal agreement between Orange County, Durham County, and GoTriangle, it was requested that quarterly updates on the transit plans be given to the GoTriangle Board, both County Commissions, and the MPO Board. He added that with the hiring of Maureen Devlin as staff working group administrator, there is now someone dedicated to the project and charged with setting up processes and procedures. Geoff Green drew attention to the web link for the GoTriangle

67 Annual Report, and noted that the financial report for each county transit plan was included in the report.

68 Geoff Green briefly discussed the contents of the transit plan, and the status of the staff working groups.

69 Mo Devlin stated that producing a work plan for FY19 is the top priority of the staff working
70 groups. She also stated that for the current quarterly report, the working groups are planning to write a
71 memo and forward it to mayors, boards, and Commissions, instead of providing a more number-driven
72 report. She stated that this was done to avoid confusion. Mo Devlin discussed plans for a more detailed
73 presentation at a later date. She stated that the new staff working group website is up, and discussed how
74 the new website would be used to get information out to the public. Mo Devlin also discussed the timeline
75 for developing the FY19 work plan, including releasing the draft work plan to internal stakeholders and
76 then for a 30-day public comment period. In response to a question from Felix Nwoko, Mo Devlin
77 discussed how to find the staff working group website from the DCHC MPO's website.

78 Geoff Green stated that the light rail project is on track for \$1.2 billion of federal investment, and
79 that the capital cost of the project is \$2.476 billion. He stated that 50% of the design of the project is about
80 to be complete, and currently, local staff is being prepared for the material they are about to receive.

81 Geoff Green discussed the consultants who are working on various aspects of the light rail project. He also
82 discussed the Disadvantaged Business Enterprise (DBE) goals of the project, and how they are being met.

83 Geoff Green discussed various sources of funding for the light rail project, including funding from Durham
84 and Orange Counties, attempts to secure funding through the Strategic Prioritization Office of
85 Transportation (SPOT) 5.0 process, and the non-profit organization, GoTriangle Partners, that was formed
86 to raise funds for the project. Geoff Green discussed the contingency allocated in the project budget,
87 noting that the budget for the project is fixed. He added that it is expected that there will be cost increases
88 in some areas, and decreases in others.

89 Geoff Green discussed how GoTriangle is working with the Federal Transit Administration (FTA) to
90 make sure that the cost estimate is reasonable and there is a sufficient contingency to complete the

91 project. He described recent work that went into securing a rail operations and maintenance facility in the
92 City of Durham. Geoff Green stated that 50% design of the project is expected to be complete in March
93 2018. Geoff Green discussed efforts related to a Transit Oriented Development (TOD) grant that
94 GoTriangle received, and GoTriangle's recent Opportunity Summit that was held in February 2018. Felix
95 Nwoko and Geoff Green discussed how TOD and joint development have been incorporated into the
96 project. Geoff Green also discussed examples of healthcare and affordable housing related joint
97 development near light rail transit stations. Felix Nwoko, Geoff Green, and Matthew Clark discussed
98 whether GoTriangle is tracking what they are spending in relation to the overall budget for the project.
99 Felix Nwoko and Geoff Green discussed whether deadlines have been established for local staff that is
100 required to assist with reviewing designs. Geoff Green discussed two public involvement meetings that
101 were held in recent months.

102 Geoff Green stated that in response to an MPO request, the project team has been working with
103 partners to identify places where high impact bicycle and pedestrian connections could be made to the
104 light rail system. He stated that 22 locations are being studied as potential locations for bicycle and
105 pedestrian infrastructure improvements. He discussed the benefits of these bicycle and pedestrian
106 improvements, and provided specific examples of areas that are being studied. There was discussion of the
107 demolition of houses along Alston Avenue that is needed to accommodate the widening of the street that
108 is required for the light rail project. Geoff Green stated that community outreach on this issue found that a
109 number of the houses are vacant.

110 Felix Nwoko and Geoff Green discussed how the connectivity projects related to the light rail
111 project would be funded, and whether they would need to be submitted to the SPOT process. There was
112 discussion of the federal and non-federal dollars that can be applied to the light rail project. John Hodges-
113 Copple provided Geoff Green with feedback on how to improve the presentation before taking it to the
114 MPO Board, especially in relation to questions about the materialization of state funding and the

contingency calculation. Chair Ellen Beckmann and Geoff Green discussed revisions to the light rail project environmental documentation, and whether comments were received on the first environmental document. Chair Ellen Beckmann suggested that materials related to the agenda item be made available to the MPO Board ahead of the presentation. Geoff Green commented that many MPO Board members have already seen versions of the presentation. John Hodges-Copple commented on the importance of taking a well-communication and well-coordinated presentation to the MPO Board in light of the weighted vote at the February MPO Board meeting.

No further action was required by the TC.

6. 2045 Metropolitan Transportation Plan (MTP)

Andy Henry, LPA Staff

Andy Henry stated that the MPO Board approved the release of the full 2045 MTP report, and Goals, Objectives, Performance Measures and Targets for a 30-day public input period, and that the MPO Board extended the public comment period to March 2, 2018, based on Federal Highway Administration (FHWA) comments and a recommendation from the TC. Andy Henry stated that the MPO Board will adopt the 2045 MTP at its next meeting. He clarified that adoption will include the socioeconomic data, the 2045 MTP projects and financial plan, Goals/Objectives/ Performance Measures/Targets, the full report by resolution, and the Triangle Regional Model (TRM) by a separate resolution and letter. Andy Henry reviewed the changes that were made to the various MTP documents. Andy Henry discussed how the current Fixing America's Surface Transportation (FAST) Act performance measures were incorporated into the MTP, and added that any future measures will be added to the MTP once the MPO adopts them. Andy Henry stated that all of the comments received on the MTP are available online. He added that he has received several comments pertaining to Bolin Creek in Carrboro. He stated that it is possible that members of the public might show up to comment about Bolin Creek at the March MPO Board meeting.

Tina Moon explained that the comments about Bolin Creek may be related to a recent presentation to the Carrboro Board of Aldermen. Andy Henry and Tina Moon discussed whether MPO

Board Chair Damon Seils was aware that members of the public may show up to speak about Bolin Creek at the upcoming MPO Board meeting.

Nishith Trivedi made a motion to recommend that the MPO Board adopt the 2045 MTP by resolution, and adopt version 6 of the TRM by letter and resolution. Vice Chair Margaret Hauth seconded the motion. The motion passed unanimously.

7. Local Input Points Methodology

Aaron Cain, LPA Staff

Aaron Cain stated that he recently received comments from the North Carolina Department of Transportation (NCDOT) review committee on the Local Input Points Methodology, and that he recently sent the TC a new version of the methodology with strikeouts and underlining. Aaron Cain stated that for the most part, the changes were minor. Chair Ellen Beckmann and Aaron Cain discussed the nature of the changes to the methodology. Chair Ellen Beckmann and Aaron Cain discussed whether the North Carolina Board of Transportation adopts the methodology after the work group.

Vice Chair Margaret Hauth made a motion to recommend that the MPO Board approve the revised Local Input Points Methodology. Scott Whiteman seconded the motion. The motion passed unanimously.

REPORTS:

8. Reports from the LPA Staff

Felix Nwoko, LPA Manager

Aaron Cain reminded the TC that the MPO would be hosting the North Carolina Association of Metropolitan Planning Organizations (NCAMPO) in Durham in April 2018. He stated that the mobile workshop information would be available on the NCAMPO website shortly, and asked mobile workshop organizers to send descriptions of their workshop as soon as possible. Aaron Cain requested donations of branded merchandise for the conference gift bags. In response to a question from Geoff Green, Aaron Cain clarified that 400 of each item would be needed. John Hodges-Copple and Aaron Cain discussed the

possibility of reaching out to consultants to request branded items. In response to a question from Felix Nwoko, Aaron Cain stated that the April TC meeting would be held at the Durham Convention Center at its usual time.

9. Report from the DCHC MPO TC Chair

Ellen Beckmann, DCHC MPO TC Chair

Chair Ellen Beckmann stated that the City of Durham recently received an update from NCDOT on the NC 54 widening project. She stated that there was a six lane and an eight lane option for the project, but that the six lane option is more in keeping with adopted plans. Chair Ellen Beckmann stated that the initial US 15-501 corridor study meeting would be held in March. Scott Whiteman asked for and received an update on the Downtown Durham Transportation Study.

10. NCDOT Reports

David Keilson, NCDOT Division 5, discussed upcoming lane shifts associated with the East End Connector project. He added that the Barbee Road/Herndon Road roundabout would be completed in April. He also discussed upcoming traffic shifts related to the Old Chapel Hill Road project.

Ed Lewis, NCDOT Division 7, stated that Chapel Hill and Carrboro came to an agreement about the Franklin Street/Merritt Mill Road intersection project at a recent meeting. Ed Lewis stated that there would need to be concurrence in the State Transportation Improvement Program (STIP) and the MPO's Transportation Improvement Program (TIP) on this project. Bergen Watterson and Ed Lewis discussed the bicycle and pedestrian aspect of the project. Tina Moon and Ed Lewis discussed whether the highway aspect of the project would be removed or tabled. There was discussion of which aspects of the project would be kept in the STIP, and which aspects would be reflected in local plans, and whether a lack of consistency between the STIP and TIP would create a problem for the project. Bergen Watterson and Ed Lewis discussed whether there would be a municipal agreement for the project.

Ed Lewis and Vice Chair Margaret Hauth discussed the upcoming public meeting related to the Orange Grove Extension project. Ed Lewis also provided an update on the Town of Hillsborough's low-cost

high-impact project, a slip lane at NC 86 and US 70. Ed Lewis stated that the traffic signals going up on NC 54 were temporary, and were done to facilitate the bridge replacement project on Greensboro Street/Chapel Hill Road. Aaron Cain and Ed Lewis discussed whether it was possible to obtain documentation about funding for the slip lane at NC 86 and US 70. Aaron Cain explained that the project was part of another project that was submitted to the SPOT process, and part of the project receiving funding through other means will reduce the cost of the project, and potentially make the overall project more competitive.

There was no additional report from NCDOT Division 8.

Julie Bogle, NCDOT Transportation Planning Division, stated that her division was developing an agreement between the MPOs and NCDOT pertaining to the FAST Act performance measures. There was discussion about whether the agreement would cover all performance measures, or just specific ones like transit and safety. Julie Bogle stated that the 2017 average annual daily traffic counts that are coming out later this year will have hourly profiles. Felix Nwoko and Julie Bogle discussed whether the MPO could access data needed for its mobility report card earlier than the summer of 2018.

INFORMATIONAL ITEMS:

11. Recent News, Articles, and Updates

There were no informational items.

ADJOURNMENT:

There being no further business before the DCHC MPO Technical Committee, the meeting was adjourned at 10:14 a.m.

MEMORANDUM

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

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

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

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

The proposed revisions are illustrated in amendment tables below.

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

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

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

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

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

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

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

RESOLUTION

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

April 11, 2018

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

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

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

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

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

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

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

Durham County, North Carolina

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

Date: April 11, 2018

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

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

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

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

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

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

TIP Amendment Request - Revise An Existing Project

Amendment Request Details



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



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



There are previous
amendments to
this project.

Date: 3-7-18

Amendment Requested By: City of Durham

Existing Project Details

Project Name: R. Kelly Bryant Bridge Trail

STIP/TIP #: EB-5720

Jurisdiction/Agency: City of Durham

WBS or Local ID or Federal Aid #:

MUNIS #:

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

Use the MPO database: bitly.com/mpoprojects

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

Total Project
Cost

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

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

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

Total Project
Cost

TIP Amendment Request - Revise An Existing Project

Project Details - Continued

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

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

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

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

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

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

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

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

DIVISION 5

* R-5785

DURHAM

FRANKLIN

GRANVILLE

PERSON

VANCE

WAKE

WARREN

PROJ.CATEGORY

DIVISION

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

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

CONSTRUCTION

FY 2018 - \$800,000 (TAP)

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

\$1,000,000

* U-4727

CHATHAM

DURHAM

ORANGE

PROJ.CATEGORY

DIVISION

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

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

PLANNING

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

FY 2018 - \$435,000 (L)

\$2,173,000

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

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

DIVISION 7

* R-5787

ALAMANCE

CASWELL

GUILFORD

ORANGE

ROCKINGHAM

PROJ.CATEGORY

DIVISION

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

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

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

DIVISION 8

* R-5788

CHATHAM

HOKE

LEE

MONTGOMERY

MOORE

RANDOLPH

RICHMOND

SCOTLAND

PROJ.CATEGORY

DIVISION

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

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

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

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* INDICATES FEDERAL AMENDMENT

Thursday, December 07, 2017

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

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

STIP DELETIONS

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 8, 2018

REVISIONS TO THE 2016-2025 AND 2018-2027 STIPS

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

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

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* INDICATES FEDERAL AMENDMENT

Thursday, February 01, 2018

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

DIVISION 5

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

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

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* INDICATES FEDERAL AMENDMENT

Thursday, January 04, 2018

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

DIVISION 7

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

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* INDICATES FEDERAL AMENDMENT

Thursday, January 04, 2018



Durham - Chapel Hill - Carrboro
Metropolitan Planning Organization Technical Committee
March 28, 2018

FY 2018-2027 TIP Amendment #2 Summary Sheet

See full report for additional information on each project.

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

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

**AMENDMENT #2
April 11, 2018**

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

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

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

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

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

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

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

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

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

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

Damon Seils, MPO Board Chair

Durham County, North Carolina

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

Date: April 11, 2018

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

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: March 28, 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

2045 Metropolitan Transportation Plan (MTP)

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

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

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

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

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

GIS Online (AGOL)/Data Management

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

MPO Website Update and Maintenance

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

Triangle Regional Model Update

- ✓ Completed
- Work Commences on the Rolling Household Survey

Prioritization 5.0/STI

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

Regional Freight Plan

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

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

MPO ADA Transition Plan

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

NC 98 Corridor Study

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

NC 54 West Corridor Study

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

US 15-501 Corridor Study

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

Regional Intelligent Transportation System

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

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

Regional Toll Study

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

Project Development/NEPA

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

DOLRT-Engineering

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

Safety Performance Measures Target Setting

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

Up Coming Projects

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

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: 6.64%	
Work Began: 02/26/2015		Letting Date: 11/18/2014	
Original Completion Date: 05/10/2020		Revised Completion Date:	
Latest Payment Thru: 02/22/2018		Scheduled Progress: 59.07%	
Latest Payment Date: 03/05/2018		Actual Progress: 62.47%	

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: Troy B. Brooks, 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: 1.78%	
Work Began: 06/26/2017		Letting Date: 05/16/2017	
Original Completion Date: 05/14/2019		Revised Completion Date:	
Latest Payment Thru: 01/31/2018		Scheduled Progress: 29.5%	
Latest Payment Date: 02/07/2018		Actual Progress: 35.67%	

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: Troy B. Brooks, 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: 2.25%	
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: 02/15/2018		Scheduled Progress: 17.6%	
Latest Payment Date: 02/22/2018		Actual Progress: 22.89%	

Contract Number: C203987		Route: -	
Division: 5		County: Durham	
TIP Number: B-4943			
Length: 0.18 miles		Federal Aid Number: BRZ-1616(10)	
NCDOT Contact:		NCDOT Contact No:	
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%	
Work Began: 01/16/2018		Letting Date: 09/19/2017	
Original Completion Date: 11/15/2018		Revised Completion Date:	
Latest Payment Thru: 01/31/2018		Scheduled Progress: 3.49%	
Latest Payment Date: 02/07/2018		Actual Progress: 6.26%	

Contract Number: DE00173 Division: 5 TIP Number: W-5205V Length: 0 miles NCDOT Contact: Troy B. Brooks, 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: 01/15/2018 Latest Payment Date: 01/24/2018	Route: SR-1104 County: Durham Federal Aid Number: HSIP-1104(19) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 8.98% Letting Date: 11/09/2016 Revised Completion Date: 10/31/2017 Scheduled Progress: 100% Actual Progress: 64.41%
Contract Number: DE00195 Division: 5 TIP Number: I-5729A Length: 0 miles NCDOT Contact: Troy B. Brooks, PE Location Description: I-85 FROM 0.5 MILES W OF US 501 TO 0.1 MILES EAST OF SR 1827 IN DURHAM COUNTY Contractor Name: FSC II LLC DBA FRED SMITH COMPANY Contract Amount: \$3,797,637.47 Work Began: 07/22/2017 Original Completion Date: 10/31/2017 Latest Payment Thru: 02/07/2018 Latest Payment Date: 02/20/2018	Route: I-85 County: Durham Federal Aid Number: NHPP-0085(027) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: -1.28% Letting Date: 03/08/2017 Revised Completion Date: 12/15/2017 Scheduled Progress: 100% Actual Progress: 94.22%
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: DE00211 Division: 5 TIP Number: R-5785B Length: 0 miles NCDOT Contact: Cameron D. Richards Location Description: MUNICIPALITIES OVER 5,000 POPULATION VARIOUS ROUTES DIVISIONWIDE Contractor Name: CAROLINA EARTH MOVERS INC Contract Amount: \$0.00 Work Began: 05/30/2017 Original Completion Date: 08/31/2017 Latest Payment Thru: Latest Payment Date:	Route: SR-VARY County: Durham Federal Aid Number: TAP-0505(079) NCDOT Contact No: (919)835-8200 Cost Overrun/Underrun: 0% Letting Date: 03/20/2017 Revised Completion Date: 05/09/2018 Scheduled Progress: 0% Actual Progress: 0%
Contract Number: DE00212 Division: 5 TIP Number: R-5785A Length: 0 miles NCDOT Contact: Cameron D. Richards Location Description: MUNICIPALITIES LESS THAN 5,000 POPULATION VARIOUS ROUTES DIVISIONWIDE Contractor Name: CAROLINA EARTH MOVERS INC Contract Amount: \$54,250.00 Work Began: 11/01/2017 Original Completion Date: 08/31/2017 Latest Payment Thru: 12/31/2017 Latest Payment Date: 01/10/2018	Route: SR-VARY County: Durham Federal Aid Number: TAP-0505(078) NCDOT Contact No: (919)835-8200 Cost Overrun/Underrun: 90.7% Letting Date: 10/12/2016 Revised Completion Date: 05/09/2018 Scheduled Progress: 20% Actual Progress: 53.77%
Contract Number: DE00213	Route: NC-55

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: 01/31/2018 Latest Payment Date: 02/06/2018	County: Durham Federal Aid Number: NCDOT Contact No: (919)835-8200 Cost Overrun/Underrun: 3.65% Letting Date: 06/28/2017 Revised Completion Date: Scheduled Progress: 38% Actual Progress: 28.01%
Contract Number: DE00214 Division: 5 TIP Number: Length: 0 miles NCDOT Contact: Troy B. Brooks, PE Location Description: VARIOUS SECONDARY ROUTES IN DURHAM AND PERSON COUNTIES Contractor Name: WHITEHURST PAVING CO INC Contract Amount: \$0.00 Work Began: 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: Troy B. Brooks, 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 Division: 5 TIP Number: I-5729 Length: 5.61 miles NCDOT Contact: Troy B. Brooks, PE 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: \$0.00 Work Began: 03/01/2018 Original Completion Date: 11/01/2018 Latest Payment Thru: Latest Payment Date:	Route: I-85 County: Durham Federal Aid Number: NHPP-0085(013) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 0% Letting Date: 10/11/2017 Revised Completion Date: Scheduled Progress: 0% Actual Progress: 0%
Contract Number: DE00230 Division: 5 TIP Number: W-5601EH Length: 0 miles NCDOT Contact: Location Description: SR 1118 (FAYETTEVILLE ROAD) AT COOK ROAD (SOUTHERN INTERSECTION) IN DURHAM Contractor Name: FULCHER ELECTRIC OF FAYETTEVILLE INC Contract Amount: \$0.00 Work Began: 02/15/2018 Original Completion Date: 04/15/2018 Latest Payment Thru: Latest Payment Date:	Route: - County: Durham Federal Aid Number: HSIP-1118(007) NCDOT Contact No: Cost Overrun/Underrun: 0% Letting Date: 12/13/2017 Revised Completion Date: Scheduled Progress: 0% Actual Progress: 0%

NCDOT Division 5 Contract Status

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

NCDOT Division 5 Contract Status

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

NCDOT Division 5 Contract Status

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

NCDOT Division 5 Contract Status

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

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
B-4962 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 46382.2.1 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--March 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 1/2018