



Technical Committee Meeting Agenda

Wednesday, March 27, 2019

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 27, 2019 TC Meeting Minutes** [19-129](#)

A copy of the February 27, 2019 minutes is enclosed.

Attachments: [2019-03-27 \(19-129\) 2.27.19 TC Meeting_LPA2.pdf](#)

5. **Landscaping and Lighting of Roundabouts** [19-134](#)

Aaron Cain, LPA Staff

At its December 12, 2018 meeting, the DCHC MPO Board directed staff to investigate policies and procedures regarding the maintenance of landscaping and lighting for roundabouts. Based on feedback from all three Divisions in the DCHC MPO jurisdiction, staff has drafted a memo outlining those policies.

TC Action: Forward the memo to the MPO Board.

Attachments: [2019-03-27 \(19-134\) Landscaping and Lighting of Roundabouts.pdf](#)

ACTION ITEMS

6. **Presentation on SPOT 6 (15 minutes)** [19-132](#)

Jason Schronce, PE, NCDOT

Aaron Cain, LPA Staff

The SPOT 6 Work Group has begun work on developing the rules and formulas for SPOT 6, for which project entry will begin this summer. Jason Schronce, PE, heads the SPOT office and will give an overview of how SPOT works, changes being considered for SPOT 6, and to answer questions from TC members.

TC Action: Receive the presentation.

Attachments: [2019-03-27 \(19-132\) SPOT 6 Project Submittal Calendar.pdf](#)

7. Upgrades to DCHC MPO TIP Database (15 minutes)[19-131](#)**Caitlyn Meyer, Gannett Fleming/Geodecisions****Durmus Cesur, LPA Staff****Aaron Cain, LPA Staff**

DCHC MPO staff have been working with Gannett Fleming/Geodecisions over the past year to update and improve the MPO's web-based TIP database. The first phase of improvements have been implemented and a demonstration of the upgraded features will be provided.

TC Action: Receive the report on the TIP database upgrades.

8. NC Moves 2050 (20 minutes)[19-130](#)**Nastasha Earle-Young, NCDOT**

The N.C. Department of Transportation is conducting an update to its long-range transportation plan to guide North Carolina's future transportation policies and investments. NC Moves 2050 is a plan that will provide a 30-year transportation blueprint for the state. The plan is focused on creating a more responsive, diverse and inclusive transportation system for keeping people and freight moving safely and efficiently.

To develop the plan, NCDOT is conducting a two-year study that involves examining all aspects of North Carolina's transportation system, collecting information about its performance and anticipated challenges in the future, and engaging the public to capture thoughts about the state's biggest future challenges. This information will inform research into the drivers and opportunities that will potentially shape how the state's transportation system operates in the future. This research will aid in developing several potential alternative futures for the year 2050, while considering regional and statewide goals and challenges. The study includes an implementation plan that aligns future needs with infrastructure recommendations and transportation policies.

TC Action: Receive the report from NCDOT.

9. Triangle Regional Freight Plan (10 minutes)[19-128](#)**Andy Henry, LPA Staff**

The Technical Committee (TC) recommended that the MPO Board release the Triangle Regional Freight Plan in August 2018 and approve the Plan in September 2018. Some members of the MPO Board believed there were some deficiencies in the Freight Plan in that it did not adequately address the sharing of the North Carolina Railroad (NCRR) rail corridor by freight and passenger rail and did not address resiliency. In addition, the City of Durham wanted to make a few changes to the Strategic Freight Corridor (SFC). The attached presentation identifies how the Freight Plan and related efforts address these issues. The sharing of the NCRR corridor is being addressed through joint planning efforts by the NCRR, Norfolk Southern, North Carolina Department of Transportation (NCDOT), and GoTriangle. Resiliency is identified in the goals and objectives, and discussed in some other sections of the Plan. Staff worked with the City of Durham to make changes to the SFC.

Approval of the Freight Plan means that the MPO will consider including the Plan's recommendations in the MPO's long-range transportation plans and policies. Local government might want to consider some of the recommendations for their plans, programs and policies. Also, the Strategic Freight Corridor (SFC) section of the Plan is important for NCDOT to define and position projects suitable for freight specific funding.

The TC already recommended approval of the Freight Plan to the MPO Board in September 2018. However, given the lengthy period since that recommendation and the changes to the Plan, the TC could decide to re-recommend this version of the Freight Plan.

TC Action: Provide feedback on changes to the Triangle Regional Freight Plan, and/or recommend approval of the Triangle Regional Freight Plan.

Attachments: [2019-03-27 \(19-128\) Regional Freight Plan.pdf](#)

10. NC 54 West Corridor Study - Phase Two Update (5 minutes)[18-179](#)**Aaron Cain, LPA Staff**

The initial phase of the NC 54 West Corridor Study, a partnership between DCHC MPO, BGMPO, TARPO, and Division 7, was an in-depth review of the 20+ mile stretch of NC 54 between Old Fayetteville Road in Carrboro and I-85 in Graham. This roadway currently supports about 6,000 to 15,000 vehicles per day, and is expected to see increases in the future due to residential growth in Alamance County and the major employment centers in the Chapel Hill/Carrboro area.

The study recommends a phased widening and intersection improvements of NC 54 between Graham and Carrboro to improve safety and address current and future congestion. While the results of this study received positive reviews from many of the participating jurisdictions, there are concerns from at least DCHC jurisdiction that the study did not fully develop multimodal options, account for the use of alternate commuting routes, and address the impact of a widening of NC 54 on local roads outside the corridor.

Therefore, DCHC MPO has initiated phase two of the study, which will:

- Confirm population and employment forecasts;
- Perform additional analysis to determine if transit and other improvements not on NC 54 will reduce demand;
- Assess impacts of widening on local roads;
- Assess potential for transit alternatives on NC 54; and
- Conduct additional public outreach.

Phase 2 of the study is expected to be completed this summer.

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

11. Amendment #11 to the FY2018-2027 TIP (5 minutes)[19-124](#)**Aaron Cain, LPA Staff**

Amendment #11 to the FY2018-2027 TIP consists of two projects in Durham that were released for a 21-day public comment period due to the addition of more than \$1M in each project. They are:

- EB-5703, LaSalle Street Sidewalks
- EB-5715, Duke Street Sidewalks

The closing date for public comments is March 27, 2019.

Also included in the amendment are several projects from NCDOT, including a number of new statewide projects from the Public Transit Division. One request that NCDOT made was to move CMAQ funding for C-5183B, Alston Avenue Sidewalks, from FY19 to FY20, which could jeopardize the funding due to the pending federal CMAQ rescission. Staff recommends not including that project in the amendment.

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

TC Action: Recommend that the Board approve Amendment #11 to the FY2018-2027 TIP as shown, except for C-5183B.

Attachments: [2019-03-27 \(19-124\) TIP Amendment #11 Summary Sheet.pdf](#)
 [2019-03-27 \(19-124\) TIP Amendment #11 Full Report.pdf](#)
 [2019-03-27 \(19-124\) TIP Amendment #11 Resolution.pdf](#)

REPORTS FROM STAFF:**12. Report from Staff**[19-107](#)**Felix Nwoko, Andy Henry, LPA Staff**

The current TC roster is attached. Please review the roster and send any necessary updates to Aaron Cain. A reminder that, per the TC by-laws, any changes to the TC roster must come from the chief executive officer of each jurisdiction or agency.

TC Action: Receive report from Staff. Update the TC roster as necessary.

Attachments: [2019-03-27 \(19-107\) LPA staff report.pdf](#)
 [2019-03-27 \(19-107\) TC Roster 2019.pdf](#)

13. Report from the Chair [19-108](#)**Nishith Trivedi, TC Chair****TC Action:** Receive report from the TC Chair.**14. NCDOT Reports** [19-109](#)**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:** [2019-03-27 \(19-109\) NCDOT Progress Report.pdf](#)**INFORMATIONAL ITEMS:****Adjourn****Next meeting: April 24, 9 a.m., Committee Room****Dates of Upcoming Transportation-Related Meetings:
NCAMPO 2019 Conference April 24-26, Charlotte**

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

TECHNICAL COMMITTEE

February 27, 2019

MINUTES OF MEETING

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Technical Committee met on February 27, 2019, 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:

Nish Trivedi (Chair)	Orange County Planning
Ellen Beckmann (Vice Chair)	City of Durham Transportation
Kumar Neppalli (Member)	Chapel Hill Engineering
Tasha Johnson (Member)	City of Durham Public Works
Tina Moon (Member)	Carrboro Planning
Zach Hallock (Member)	Carrboro Planning
Margaret Hauth (Member)	Hillsborough County Planning
Evan Tenenbaum (Member)	Durham County Planning
Tom Altieri (Member)	Orange County Planning
Chance Mullis (Member)	Chatham County Planning
John Hodges-Copple (Member)	TJCOG
Julie Bogle (Member)	NCDOT TPD
Kurt Stolka (Member)	University of North Carolina
Tim Brock (Member)	Research Triangle Foundation
Joey Hopkins (Member)	NCDOT, Division 5
David Keilson (Alternate)	NCDOT, Division 5
Richard Hancock (Alternate)	NCDOT, Division 5
Pat Wilson (Alternate)	NCDOT, Division 7
Bryan Kluchar (Member)	NCDOT, Division 8
Bill Judge (Alternate)	City of Durham Transportation
Patrick McDonough (Alternate)	GoTriangle
Andy Henry	DCHC MPO
Brian Rhodes	DCHC MPO
Aaron Cain	DCHC MPO
Meg Scully	DCHC MPO
Mo Devlin	DCHC MPO
Robert Jahn	DCHC MPO
Dale McKeel	City of Durham/DCHC MPO
Julian Ali	Durham County Cooperative Extension
Cy Stober	City of Mebane

Quorum Count: 20 of 31 Voting Members

Chair Nish Trivedi called the meeting to order at 9:06 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 Nish Trivedi reminded everyone to sign-in using the sign-in sheet that was being circulated.

PRELIMINARIES:

2. Adjustments to the Agenda

Aaron Cain requested that agenda item #5, Durham and Orange County Transit Tax Q2 Update, be referred back to staff, and it will be presented to the TC at a later date.

3. Public Comments

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

CONSENT AGENDA:

4. Approval of January 23, 2019, Meeting Minutes

Chair Nish Trivedi asked if there were any comments for the January 23, 2019, meeting minutes.

Evan Tenenbaum made a motion to approve the January 23, 2019, meeting minutes. Tom Altieri seconded the motion. The motion passed unanimously.

5. Durham and Orange County Q2 Transit Tax Update
Jennifer Keep, GoTriangle

This item was referred back to staff.

ACTION ITEMS:

6. Draft FY2020 Unified Planning Work Program (UPWP)
Meg Scully, LPA Staff

Meg Scully stated that, on January 16, 2019, the MPO Board reviewed the draft FY2020 UPWP and released the document for public comment. Meg Scully continued that \$164,000 of additional Planning (PL) Section 104(f) funding was made available by NCDOT to the MPO for FY20 since the public release, and it was programmed in the current draft FY20 UPWP. Meg Scully added that the additional PL

funding would be considered for a bikeway study and improvements to the Transportation Improvement Program (TIP) database, or other projects as needed. Meg Scully also stated that the local match would not change with the additional PL funds.

Vice Chair Ellen Beckmann and Meg Scully discussed that there are plans for a subcommittee of DCHC MPO and Capital Area Metropolitan Planning Organization (CAMPO) staff to meet and discuss the bikeway project. John Hodges-Copple, Meg Scully, and Aaron Cain discussed the TIP database. Meg Scully stated that it is intended to track TIP projects throughout their lifecycles. Aaron Cain added the improvements will be released within two weeks of the TC Meeting. Meg Scully discussed the possibility of training or a demonstration of the TIP database for the TC and MPO Boards, respectively.

Margaret Hauth made a motion to recommend that the MPO Board hold a public hearing and approve the FY2020 UPWP. Kumar Neppalli seconded the motion. The motion passed unanimously.

7. Resolution on I-3306AC, I-40/NC 86 Interchange Improvement
Aaron Cain, LPA Staff

Aaron Cain stated that, at the January 16, 2019 DCHC MPO Board meeting, two members of the public discussed concerns regarding the proposed improvements in one of the conceptual designs for the I-40/NC 86 interchange, and in response the MPO Board directed staff to draft a resolution based on comments of the proposals for 4A and 4B. Aaron Cain commented that the MPO resolution states that option 4B is preferred. Aaron Cain added that the Town of Chapel Hill and Orange County have also adopted resolutions based on the proposals. Kumar Neppalli requested that two items from the resolution from the Town of Chapel Hill be included in a revised MPO resolution:

- Maintain left turn movements from Eubanks Road onto northbound NC 86 as much as possible, potentially as a short term measure until traffic levels exceed certain thresholds.
- Widen the eastbound I-40 exit ramp to create an additional lane of traffic exiting onto NC 86. This would be in addition to the proposed slip lane from the exit ramp onto Eubanks Road.

Vice Chair Ellen Beckmann asked about bicycle and pedestrian facilities for the interchange design. Aaron Cain replied that the proposed 4B design is not the final design, however, the MPO resolution includes language about making alternative mode facilities a priority in the final design. Margaret Hauth raised concerns about the maintenance of sidewalks, including facilities outside of Chapel Hill.

Kumar Neppalli made a motion to recommend that the MPO Board adopt the resolution on the design of the I-40/NC 86 interchange as amended by adding the two additional requirements from Chapel Hill and Orange County. Zach Hallock seconded the motion. The motion passed unanimously.

8. Chapel Hill North-South Bus Rapid Transit Update
Matt Cecil, Chapel Hill Transit

There was no report for this agenda item.

9. FY2020-2029 Draft STIP Comments
Aaron Cain, LPA Staff

Aaron Cain requested that all input for the FY 2020-2029 Draft State Transportation Improvement Program (STIP) comments be sent to him by March 1 in order for NC Department of Transportation Secretary Trogon have enough time to review for the MPO Board meeting and one-on-one meeting on March 13. Margaret Hauth added that the Town of Hillsborough no longer supports the Orange Grove Road Extension project, but no official action has been taken. Vice Chair Ellen Beckmann and Aaron Cain discussed that the purpose of the one-on-one meeting is to address the draft STIP and discuss policy issues rather than reviewing specific engineering designs and issues. Chair Nish Trivedi and Aaron Cain discussed that member jurisdictions are invited to the one-on-one meeting with Secretary Trogon.

10. SPOT 6 Initial Submittal List
Aaron Cain, LPA Staff

Aaron Cain stated that MPO staff developed an initial list of projects for submittal for SPOT 6, which is the process that will develop the FY2022-2031 State Transportation Improvement Program

(STIP). Aaron Cain added that a subcommittee meeting for 10:30 a.m. is scheduled for March 13 to discuss the SPOT 6 Initial List.

Aaron Cain added that the DCHC MPO is allowed 23 submittal spots per mode, and historically the Divisions have donated to the MPO several bicycle and pedestrian submittal spots. Aaron Cain added that after the 18 projects from SPOT 5 that did not receive funding, there are a total of 30 potential projects for the five open highway slots. Vice Chair Ellen Beckmann and Aaron Cain discussed of reevaluating SPOT 5 projects that did not receiving funding based on how well they would score in SPOT 6. Chair Nish Trivedi and Aaron Cain discussed that the Town of Carrboro, the Town of Chapel Hill, and Chatham County have not yet submitted their preferred projects. Aaron Cain requested that the final submission of preferred projects from member jurisdictions be sent to him by March 7.

Chair Nish Trivedi and Aaron Cain discussed that the ten projects that were in the pre-submission process will not be returned until spring 2019. Aaron Cain added that his tentative schedule is to compile the Initial Submittal List by June 2019, submit for the public comment period in August, and submit the final list in September. Aaron Cain added that the new SPOT criteria is scheduled to be released in June. Chair Nish Trivedi and Aaron Cain discussed that there are no DCHC MPO representatives on the SPOT 6 working group, however, Chris Lukasina from CAMPO will be present. There was discussion about the schedule for the MPO Board meeting with Secretary Trogon. John Hodges-Copple suggested reviewing the process of developing projects for the SPOT 6 scoring process and revising strategies. Chair Nish Trivedi and Aaron Cain discussed how formula scoring impacts the submittal process. Vice Chair Ellen Beckmann and Patrick McDonough recommended that TAP and CMAQ policies funding be discussed at the one-on-one meeting, and reminded the TC Board that 2019 is a rescission year.

11. Amendment #10 to the FY2018-2027 TIP
Aaron Cain, LPA Staff

Aaron Cain stated that Amendment #10 to the FY2018-2027 Transportation Improvement Program (TIP) includes two requests from the City of Durham: allocate approximately \$2.2M of additional STBGDA funds to C-4928, Morreene Road Bike/Ped; and allocate an additional approximately \$1.5M of STBGDA funds to U-4726HN, Hillandale Road Bike/Ped. John Hodges-Copple and Vice Chair Ellen Beckmann discussed the P-5706, East Durham Siding, project. Vice Chair Ellen Beckmann and Andy Henry discussed the impact of the East Durham Siding project for North Carolina Railroad. John Hodges-Copple stated that there is a public input meeting for the project on March 14. John Hodges-Copple raised the issue of reviewing the practice of recommending approval of actions to the MPO Board before the public comment period has ended.

Kumar Neppalli made a motion to recommend approval of Amendment #10 to the FY2018-2027 TIP. Evan Tenenbaum seconded the motion. The motion passed unanimously.

12. Amendment #11 to the FY2018-2027 TIP
Aaron Cain, LPA Staff

Aaron Cain stated that Amendment #11 to the FY2018-2027 Transportation Improvement Program (TIP) consists of EB-5703, LaSalle Street Sidewalks, and EB-5715, Duke Street Sidewalks. Aaron Cain added that these two projects are required to be released for a 21-day public comment period due to the additional cost of more than \$1M for each project.

John Hodges-Copple made a motion to recommend that the MPO Board release Amendment #11 to the FY2018-2027 TIP for a 21-day public comment period. Margaret Hauth seconded the motion. The motion passed unanimously.

Aaron Cain stated that, on January 16, the MPO Board approved the release of the amended County Transit Plans on or before February 6 for public comment, however, due to the federal shutdown the transit plans were not able to be released. Aaron Cain requested that the TC recommend that the MPO authorize the release of the amended County Transit Plans for public comment upon availability. Patrick McDonough stated that the original date was not met due to actions at the federal

level. John Hodges-Copple stated that adjustments to the agenda should be introduced in agenda item #2, Adjustments to the Agenda.

Evan Tenenbaum made a motion to recommend that the MPO authorize the release of the amended County Transit Plans for public comment when they are available. Vice Chair Ellen Beckmann seconded the motion. The motion passed unanimously.

REPORTS:

13. Reports from the LPA Staff

Felix Nwoko, Andy Henry, LPA Staff

Dale McKeel stated that there is a Bicycle and Pedestrian Workshop at the Hale Cultural Arts Center in Apex on March 29 from 8 a.m.-12 p.m.

14. Report from the DCHC MPO TC Chair

Nish Trivedi, DCHC MPO TC Chair

There was no report from Chair Nish Trivedi.

15. NCDOT Reports

Richard Hancock, NCDOT Division 5, stated that there will be a road closure at the U-5745, Hope Valley Road and University Drive roundabout, project starting the week of March 11. Richard Hancock stated that the EB-4707B, Old Chapel Hill Road, project is scheduled for completion in April 2019. Aaron Cain stated that the EB-4707A, Old Durham Road, project will be let in April 2019. Richard Hancock also stated that the public comment period for Division 5 occurred during the week of February 25.

Patrick Wilson, NCDOT Division 7, stated that there has been one public meeting each for I-3306A, widening I-40, project and the I-3306AC, Interchange improvements at I-40 and NC86, project. Patrick Wilson stated that the Division 7 public comment period will occur during the week of 4 March from 8 a.m. – 5 p.m.

Bryan Kluchar, NCDOT Division 8, stated that funding was secured to alleviate flooding at Jeremiah Road, and construction is scheduled to begin in summer 2019. Bryan Kluchar also stated that the public comment period for Division 8 will begin the week of March 4.

Julie Bogle, NCDOT Transportation Planning Division, stated that TPD plans to present the NC Moves 2050 program to the TC on March 27 and the MPO Board on April 10. Julie Bogle also stated that an additional survey will be available April through May 2019, and email updates are also available.

There was no report from NCDOT Traffic Operations.

INFORMATIONAL ITEMS:

16. 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 10:01 a.m.



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

March 27, 2019

To: DCHC MPO Board
From: Aaron Cain, MPO Staff
Re: Landscaping and Lighting of Roundabouts

On December 12, 2018, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) Board directed staff to investigate policies and procedures regarding the maintenance of landscaping and lighting for roundabouts. The details are slightly different in each North Carolina Department of Transportation (NCDOT) Division; however, there are some basic similarities between how each Division handles these issues.

Landscaping

For a project that is in the STIP and has not completed the construction process, one percent of the cost of the project is used to calculate the landscaping budget, which is in addition to the overall cost of the project should the local government want landscaping. NCDOT will then arrange for contractors to install the landscaping and manage the installment. After a one-year warranty period responsibility for maintenance of the landscaping then falls to the local government.

If a project is not a standard STIP project (for example, is funded through safety funds), there is no landscaping budget and NCDOT will not participate in the planting of landscaping materials. Any landscaping to be installed, and the maintenance thereof, is the responsibility of the local government.

Lighting

Per its policy, NCDOT only constructs and maintains lighting on freeways. Since there are no roundabouts on freeways, NCDOT would not install or maintain lighting for any roundabouts. Lighting for surface streets is the responsibility of local governments. Since municipalities are more familiar with the installation and maintenance of roadway lighting than are counties, roundabouts that are not in municipal jurisdictions do not tend to have lighting. However, if lack of lighting is a demonstrated safety issue at a non-municipal roundabout, the Division can consider installing lighting. This would only be done on a case-by-case basis, and would be dependent on demonstrated need and funding availability.

SPOT 6 Project Submittal Calendar

- April 2019 – Second TC Subcommittee Meeting
- May 2019 – TC Reviews SPOT 6 Project List
- June 2019 – MPO Board Reviews SPOT 6 Project List
- August 14, 2019 – Board Authorizes Release of Project List for Public Comment
- August 28, 2019 – TC Recommends Final SPOT 6 Project List
- September 11, 2019 – Board Approves Final SPOT 6 Project List

Regional Freight Plan

Technical Committee – March 27, 2019
MPO Board – April 10, 2019

www.dchcmpo.org

Today's Objective

- ▶ Review
- ▶ Address identified issues
- ▶ Approve final Triangle Regional Freight Plan

A quick review

- ▶ First multimodal freight plan for Triangle Region
- ▶ Joint effort by DCHC MPO, CAMPO and NCDOT
- ▶ Use of Freight Plan
Freight Plan recommendations considered for inclusions in long-range transportation plans and local land use plans.

A quick review

(continued)

- ▶ FAST Act requires Regional Freight Stakeholders Advisory Council (RFSAC)
- ▶ Strategic Freight Corridor (SFC) important for NCDOT to define and position projects suitable for freight specific funding
- ▶ MPO released draft Freight Plan for public comment in September 2019 and conducted a public hearing in October 2019

Staff availability and changes to MPO Board meeting in early 2019 delayed bringing this plan back to the Board.

A quick review

(continued)

Principal Components of Freight Plan

- ▶ Identifies Strategic Freight Corridor (SFC)
- ▶ Recommends 24 roadway projects, and shows if the project is in the MTP or TIP
- ▶ Recommends development policy and programs

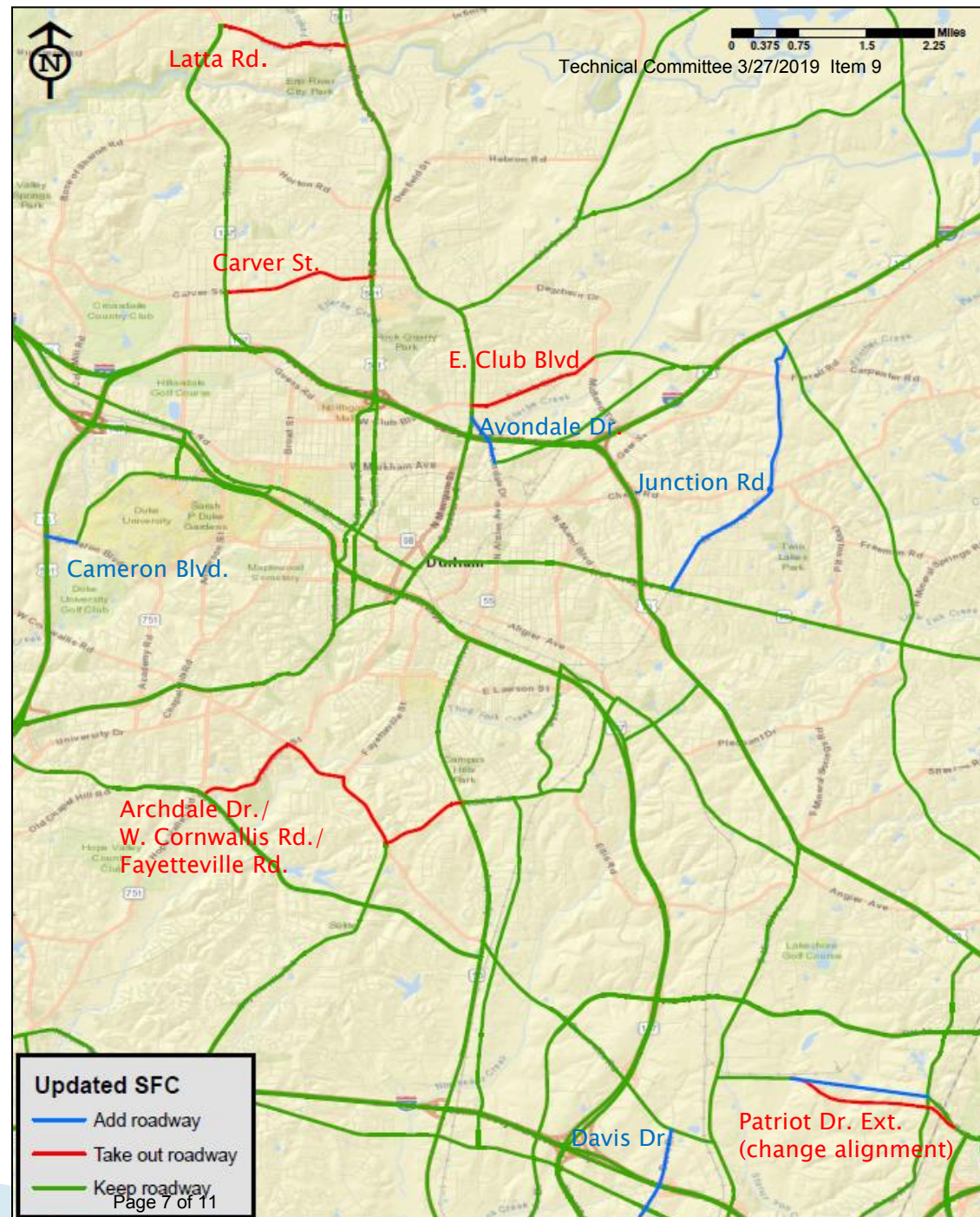
Strategic Freight Corridor

- ▶ SFC has recommended design elements to serve freight traffic
- ▶ City of Durham identified several changes
- ▶ Requested deletion of a few roads from SFC that they believe are inappropriate for freight traffic design (mostly because of dominant residential design)
- ▶ Requested addition of a few roads to logically complete a network.

Strategic Freight Corridor

(continued)

Deletions to SFC in **red**
Additions to SFC in **blue**



NCRR Rail Corridor

- ▶ Board member believed Freight Plan lacked specificity on how to plan for non-freight uses in NCRR rail corridor
- ▶ Completely addressing multimodal issues in mainline rail corridor was not in scope of freight plan

NCRR Rail Corridor

(continued)

Addressed outside of Freight Plan

- ▶ 2008 Capacity Study
(Greensboro–Goldsboro)
- ▶ 2010 Ridership Study
(Greensboro–Goldsboro)
- ▶ 2015 Capacity Study with GoTriangle
(Infrastructure and costs to add commuter rail from Mebane to Selma)
- ▶ 2016 NCRR Future Tracks Infrastructure Planning Study
(Determined the number and probable location of future tracks in NCRR corridor from Charlotte to Morehead City)
- ▶ Current effort to refine details of the multimodal use of the corridor
- ▶ Durham–Wake Commuter Rail Major Investment Study (underway)

Resiliency

- ▶ Board member concerned that the issue of resiliency (e.g., weather events, catastrophic spills) not addressed.
- ▶ Focus groups did not identify resiliency as an issue and not specified in scope of freight plan

However...

Identified in Goals

- ▶ Goal – “Manage congestion and system reliability”
Summary – reduce freight system vulnerability to service disruptions due to natural events
- ▶ Goal – “Promote multimodal and affordable travel choices” – Summary – promote system redundancy to support resiliency

**** Discussion ****



Durham - Chapel Hill - Carrboro
Metropolitan Planning Organization Technical Committee
March 27, 2019

FY 2018-2027 TIP Amendment #11 Summary Sheet

See full report for additional information on each project.

- **EB-5703 LaSalle Street Sidewalks:** Add TAP funding for a new ROW phase in FY19 and add TAP funding for Construction in FY20.
- **EB-5715 North Duke Street Sidewalks:** Add TAP funding for a new ROW phase in FY19 and add TAP funding for Construction in FY20.
- **I-5994 I-40 Bridge Rehabilitation:** Combine letting of I-5994 with I-5993. Delay Construction from FY19 to FY20.
- **I-5995 I-40 Pavement Rehabilitation:** Delay construction from FY19 to FY21.
- **TA-6665 NCDOT-PTD 5311 Capital:** New statewide project adding funds FY19 through FY27.
- **TA-6666 NCDOT-PTD5339 Bus and Facilities:** New statewide project adding funds FY19 through FY27.
- **TC-5004 NCDOT-PTD 5311 ADTAP:** New statewide project adding funds FY19 through FY27.
- **TK-4900Z NCDOT-PTD 5311 State Admin and 5311F State Admin:** New statewide project adding funds FY19 through FY27.
- **TK-4902 NCDOT-PTD 5311 State Admin ADTAP:** Add funds FY19 through FY27.
- **TK-6181 NCDOT-PTD 5311 Admin:** New statewide project adding funds FY19 through FY27.
- **TN-6125 NCDOT-PTD 5317 New Freedom:** New statewide project adding funds FY19 through FY27.
- **TO-6155 NCDOT-PTD 5311 Operating:** New statewide project adding funds FY19 through FY27.
- **TQ-6954 NCDOT-PTD 5310 Operating:** New statewide project adding funds FY19 through FY27.
- **TQ-9038 NCDOT-PTD 5310 Capital:** New statewide project adding funds FY19 through FY27.
- **TS-4900Z NCDOT-PTD Statewide RTAP:** New statewide project adding funds FY19 through FY27.

- **TS-7001 NCDOT-PTD 5329 State Safety and Oversight:** New statewide project adding funds FY19 through FY27.
- **TV-4903 NCDOT-PTD 5310 State Admin:** New statewide project adding funds FY19 through FY27.
- **W-5705DIV Highway Safety Improvements, Division 5:** Add ROW and Construction in FY19.
- **W-5705REG Highway Safety Improvements, Division 5:** Add ROW and Construction in FY19.
- **W-5705SW Highway Safety Improvements, Division 5:** Add ROW and Construction in FY19.
- **W-5707DIV Highway Safety Improvements, Division 7:** Add ROW and Construction in FY19.
- **W-5707REG Highway Safety Improvements, Division 7:** Add ROW and Construction in FY19.
- **W-5707SW Highway Safety Improvements, Division 7:** Add ROW and Construction in FY19.
- **W-5708DIV Highway Safety Improvements, Division 8:** Add ROW and Construction in FY19.
- **W-5708REG Highway Safety Improvements, Division 8:** Add ROW and Construction in FY19.
- **W-5708SW Highway Safety Improvements, Division 8:** Add ROW and Construction in FY19.

TIP Amendment Request - Revise An Existing Project

Amendment Request Details



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



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



There are previous
amendments to
this project.

Date: 2-7-19

Amendment Requested By: City of Durham

Existing Project Details

Project Name: LaSalle Street Sidewalks

STIP/TIP #: EB-5703

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	PE/Design	TAP	\$69,000	\$0	\$17,000	\$86,000
2019	Construction	TAP	\$469,000	\$0	\$116,000	\$585,000
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$538,000	\$0	\$133,000	\$671,000

Total Project
Cost

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

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

FY	Phase/Work	Funding Source	Federal Share	State Share	Local Share	Total
Prior Year	PE/Design	TAP	\$161,152	\$0	\$40,288	\$201,440
2019	ROW	TAP	\$411,889	\$0	\$102,972	\$514,861
2020	Construction	TAP	\$1,152,179	\$0	\$288,045	\$1,440,224
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$1,725,220	\$0	\$431,305	\$2,156,525

Total Project
Cost

TIP Amendment Request - Revise An Existing Project

Project Details - Continued

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

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

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

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

Add ROW phase to project in FY19. Move Construction to FY20 to align with current schedule.

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

TIP Amendment Request - Revise An Existing Project

Amendment Request Details



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



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



There are previous
amendments to
this project.

Date: 2-7-19

Amendment Requested By: City of Durham

Existing Project Details

Project Name: North Duke Street Sidewalks

STIP/TIP #: EB-5715

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	PE/Design	TAP	\$150,000	\$0	\$37,000	\$187,000
2019	Construction	TAP	\$1,015,120	\$0	\$254,280	\$1,269,400
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0
Funding Totals:			\$1,165,120	\$0	\$291,280	\$1,456,400

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	PE/Design	TAP	\$349,359	\$0	\$87,340	\$436,699
2019	ROW	TAP	\$662,613	\$0	\$165,653	\$828,266
2020	Construction	TAP	\$2,143,990	\$0	\$535,998	\$2,679,988
			\$0	\$0	\$0	\$0
			\$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:			\$3,155,962	\$0	\$788,991	\$3,944,953

Total Project
Cost

TIP Amendment Request - Revise An Existing Project

Project Details - Continued

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

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

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

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

Add ROW phase to project in FY19. Move Construction to FY20 to align with current 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.

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

C-5179 ORANGE PROJ.CATEGORY EXEMPT	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	SR 1750 (NORTH ESTES DRIVE), NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES. NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 18 TO FY 19 AND INCREASE FUNDING AT REQUEST OF MPO.</u>	CONSTRUCTION	FY 2019 -	\$2,362,000	(CMAQ)
				FY 2019 -	<u>\$591,000</u>	(L)
					\$2,953,000	
C-5183B DURHAM PROJ.CATEGORY EXEMPT	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	SR 1945 (S. ALSTON AVE.), SR 1171 (RIDDLE RD.) TO CAPPS ST. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF THE DIVISION OFFICE.</u>	RIGHT-OF-WAY	FY 2019 -	\$79,000	(CMAQ)
				FY 2019 -	\$20,000	(L)
			CONSTRUCTION	FY 2020 -	\$565,000	(CMAQ)
				FY 2020 -	<u>\$141,000</u>	(L)
					\$805,000	
I-5994 DURHAM PROJ.CATEGORY STATEWIDE	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	I-40, US 15 / US 501 TO EAST OF NC 147. BRIDGE REHABILITATION - MULTIPLE STRUCTURES. <u>COMBINE LETTING OF I-5994 BRIDGE WORK WITH I- 5993 ROADWAY WORK, DELAY CONSTRUCTION FROM FY 19 TO FY 20, AT REQUEST OF THE DIVISION OFFICE.</u>	GARVEE CONSTR	FY 2020 -	\$429,000	(NHPIM)
				FY 2021 -	\$429,000	(NHPIM)
				FY 2022 -	\$429,000	(NHPIM)
				FY 2023 -	\$429,000	(NHPIM)
				FY 2024 -	\$429,000	(NHPIM)
				FY 2025 -	\$429,000	(NHPIM)
				FY 2026 -	\$429,000	(NHPIM)
				FY 2027 -	\$429,000	(NHPIM)
				FY 2028 -	\$429,000	(NHPIM)
				FY 2029 -	\$429,000	(NHPIM)
				POST YR-	\$2,145,000	(NHPIM)
			CONSTRUCTION	FY 2020 -	<u>\$1,667,000</u>	(S(M))
					\$8,102,000	

* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

I-5995 DURHAM WAKE PROJ.CATEGORY STATEWIDE	- CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION - DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION	I-40, EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 19 TO FY 21, AT REQUEST OF THE DIVISION OFFICE.</u>	GARVEE CONSTR	FY 2021 -	\$343,000	(NHPIM)
				FY 2022 -	\$343,000	(NHPIM)
				FY 2023 -	\$343,000	(NHPIM)
				FY 2024 -	\$343,000	(NHPIM)
				FY 2025 -	\$343,000	(NHPIM)
				FY 2026 -	\$343,000	(NHPIM)
				FY 2027 -	\$343,000	(NHPIM)
				FY 2028 -	\$343,000	(NHPIM)
				FY 2029 -	\$343,000	(NHPIM)
				POST YR-	\$2,058,000	(NHPIM)
			CONSTRUCTION	FY 2021 -	\$1,333,000	(S(M))
					\$6,478,000	
* W-5705DIV DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN PROJ.CATEGORY DIVISION	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION - KERR TAR RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 \$180,000	(HSIP) (HSIP)
					\$210,000	

* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* W-5705REG DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN PROJ.CATEGORY REGIONAL	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION - KERR TAR RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 \$180,000 \$210,000	(HSIP) (HSIP)
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* W-5705SW DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN PROJ.CATEGORY STATEWIDE	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION - KERR TAR RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$40,000 \$240,000 \$280,000	(HSIP) (HSIP)
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* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* W-5707DIV ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM PROJ.CATEGORY DIVISION	- GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP)	
	- HIGH POINT URBAN AREA METROPOLITAN PLANNING ORGANIZATION	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>		\$210,000	
	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION				
	- BURLINGTON-GRAHAM URBAN AREA METROPOLITAN PLANNING ORGANIZATION				
	- TRIANGLE AREA RURAL PLANNING ORGANIZATION				
	- PIEDMONT TRIAD RURAL PLANNING ORGANIZATION				

* W-5707REG ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM PROJ.CATEGORY REGIONAL	- GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - \$30,000 (HSIP) FY 2019 - <u>\$180,000</u> (HSIP)	
	- HIGH POINT URBAN AREA METROPOLITAN PLANNING ORGANIZATION	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED AT REQUEST OF TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>		\$210,000	
	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION				
	- BURLINGTON-GRAHAM URBAN AREA METROPOLITAN PLANNING ORGANIZATION				
	- TRIANGLE AREA RURAL PLANNING ORGANIZATION				
	- PIEDMONT TRIAD RURAL PLANNING ORGANIZATION				

* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* W-5707SW ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM PROJ.CATEGORY STATEWIDE	- GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION - HIGH POINT URBAN AREA METROPOLITAN PLANNING ORGANIZATION - DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - BURLINGTON-GRAHAM URBAN AREA METROPOLITAN PLANNING ORGANIZATION - TRIANGLE AREA RURAL PLANNING ORGANIZATION - PIEDMONT TRIAD RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u> <u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u> <u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$40,000 \$240,000 \$280,000	(HSIP) (HSIP)
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* W-5708DIV CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND PROJ.CATEGORY DIVISION	- DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - HIGH POINT URBAN AREA METROPOLITAN PLANNING ORGANIZATION - PIEDMONT TRIAD RURAL PLANNING ORGANIZATION - TRIANGLE AREA RURAL PLANNING ORGANIZATION - LUMBER RIVER RURAL PLANNING ORGANIZATION	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. <u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u> <u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u> <u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2019 - FY 2019 -	\$30,000 \$180,000 \$210,000	(HSIP) (HSIP)
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* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019

**ITEM N
(HANDOUT)**

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

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* W-5708REG	- DURHAM-CHAPEL HILL-CARRBORO	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$30,000	(HSIP)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$180,000	(HSIP)
HOKE	- HIGH POINT URBAN AREA METROPOLITAN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$210,000	
LEE	PLANNING ORGANIZATION	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
MONTGOMERY	- PIEDMONT TRIAD RURAL PLANNING	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
MOORE	ORGANIZATION					
RANDOLPH	- TRIANGLE AREA RURAL PLANNING					
RICHMOND	ORGANIZATION					
SCOTLAND	- LUMBER RIVER RURAL PLANNING					
PROJ.CATEGORY	ORGANIZATION					
REGIONAL						

* W-5708SW	- DURHAM-CHAPEL HILL-CARRBORO	VARIOUS, SAFETY IMPROVEMENTS AT VARIOUS	RIGHT-OF-WAY	FY 2019 -	\$40,000	(HSIP)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION	LOCATIONS.	CONSTRUCTION	FY 2019 -	\$240,000	(HSIP)
HOKE	- HIGH POINT URBAN AREA METROPOLITAN	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 19</u>			\$280,000	
LEE	PLANNING ORGANIZATION	<u>NOT PREVIOUSLY PROGRAMMED AT REQUEST OF</u>				
MONTGOMERY	- PIEDMONT TRIAD RURAL PLANNING	<u>TRANSPORTATION, MOBILITY AND SAFETY DIVISION.</u>				
MOORE	ORGANIZATION					
RANDOLPH	- TRIANGLE AREA RURAL PLANNING					
RICHMOND	ORGANIZATION					
SCOTLAND	- LUMBER RIVER RURAL PLANNING					
PROJ.CATEGORY	ORGANIZATION					
STATEWIDE						

* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2019



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

March 7, 2019

Mr. Keith Melton
Director of Planning and Program Development
Federal Transit Administration
230 Peachtree St NW Suite 1400
Atlanta, Georgia 30303

Subject: REQUEST FEDERAL TRANSIT ADMINISTRATION (FTA) APPROVAL OF AMENDMENT NUMBER #15 OF THE NORTH CAROLINA 2018-2027 STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

The North Carolina Department of Transportation requests FTA approval to add the following projects to the 2018-2027 STIP. None of the STIP amendments in this letter reflect any change in the distribution of Governor's Apportionment Section 5307 funds.

LEGEND FOR THE TABLES:

- STIP#: identifying unique number for the project in the STIP
- FUND: Type of federal, state, and local fund source used to pay for the project. The federal types include 5307 (FUZ), 5316 (JARC), FNF (5317 New Freedom), Congestion Mitigation and Air Quality (CMAQ), FNU (5311), FEDP (5310 Elderly and Persons with Disabilities, and 5339 (FBUS).
- MATCH: Indicates the funding breakdown between federal (US), state (S), and local (L) funds
- FY 18-FY 27: This table shows the amount of funding to be programmed for each fiscal year. All funding amounts shown are in thousands (000's).

The following STIP amendments were approved at the March 7, 2019 BOT Meeting:

Additions to the Transit 2018-2027 STIP

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-6672	Charlotte Area Transit System	Purchase 6 buses for University to Concord Mills bus route	State	T		300								
			Local	L		2700								

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
PUBLIC TRANSPORTATION DIVISION
1550 MAIL SERVICE CENTER
RALEIGH, NC 27699-1550

Telephone: (919) 707-4670
Fax: (919) 733-1391
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TD-5264B	GoCary	Construction of Bus Operation and Maintenance Facility	State	T			700							
			Local	L			700							
			FED	5307			5600							
TP-5159	Charlotte Area Transit System	LYNX Silver Line TOD Planning in Cooperation with CATS, CRTPO and GCLMPO	PL	TOD		230	460	230						
			Local	L		57	115	57						
TA-6176	Charlotte Area Transit System	Purchase 45' Clean Diesel Motor Coaches for the North Corridor I-77 Service	FBUS	5339		5933								
			Local	L		1484								
TA-6626	Asheville Redefines Transit	ART buses and other routine Capital Items	FBUS	5339		300	151							
			Local	L		75	38							

Modifications

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-4771	City of Greensboro	Clean Diesel Replacement Bus	CMAQ	CMAQ		955								
			Local	L		169								
TO-6154	Mountain Mobility Buncombe County	Buncombe County Mountain Mobility Transit Operating Assistance	FUZ	5307		90	239	250	250	250	262			
			Local	L		90	239	250	250	250	262			
TA-6690	Piedmont Authority for Regional Transit	Replacement Vehicles	FBUS	5339	43	54	43	43	43					
			Local	L	11	14	11	11	11					

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TA-6701	Mountain Mobility Buncombe County	Buncombe County Mountain Mobility Transit Capital Replacement Vehicles	FUZ	5307			55	184	95		100			
			Local	L			14	46	24		26			
TO-6154	Mountain Mobility Buncombe County	Buncombe County Mountain Mobility Transit Operating Assistance	FUZ	5307		90	239	250	250	250	261			
			Local	L		90	239	250	250	250	262			
TD-5283	High Point Transit	Building Facility Renovations and upgrade to Para Transit Administration	State	T		338								
			Local	L		38								
TD-5284	Triangle Transit Authority	Transit Center Transfer Station Construction at UNC Hospital	FUZ	5307							288			
			State	T							36			
			Local	L							36			
TA-6665	NCDOT-PTD	5311 Capital	FNU	5311		14487	5468	5469	5470	5471	5490	5490	5491	5491
			Local	L		1445	684	684	684	685	687	687	687	687
			State	State		1444	684	684	684	685	687	687	687	687
TA-6666	NCDOT-PTD	5339 bus and facilities	FBUS	5339		7183	4448	4449	4450	5004	5005	5005	5005	5006
			State	State			556	557	557	625	626	626	626	626
			Local	L		1437	556	557	557	625	626	626	626	626
TC-5004	NCDOT-PTD	5311 ADTAP	ADTAP	5311		2116	1008	1008	1009	1009	1010	1010	1011	1011
			State	Local			126	126	127	127	127	127	127	127
			Local	L		424	115	115	127	127	127	127	127	127
TO-6155	NCDOT-PTD	5311 Operating and 5311 Operating F	FNU	5311		12770	12790	12810	12830	12850	12870	12890	12910	12930
			Local	L		6385	6395	6405	6415	6425	6435	6445	6455	6465

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TK-4900Z	NCDOT-PTD	5311 State Admin + 5311F State Admin	FNU	5311		2807	2820	2840	2860	2880	2900	2920	2940	2960
TK-4902	NCDOT-PTD	5311 State Admin ADTAP	ADTAP	5311		92	92	93	93	94	94	95	95	97
TK-6181	NCDOT-PTD	5311 Admin	FNU	5311		18171	14681	14681	14682	14682	14683	14683	14684	14684
			State	State			918	918	918	918	918	918	918	918
			Local	L		3635	2753	2753	2753	2753	2753	2753	2753	2753
TQ-6954	NCDOT-PTD	5310 Operating	FEPD	5310		1658	918	918	919	919	919	920	920	920
			Local	L		1658	918	918	919	919	919	920	920	920
TQ-9038	NCDOT-PTD	5310 Capital	FEPD	5310		3178	1998	1998	1999	1999	2000	2000	2000	2002
			State	State			250	250	250	250	250	250	250	251
			Local	L		636	250	250	250	250	250	250	250	251
TS-4900Z	NCDOT-PTD	Statewide RTAP	RTAP	5311		422	440	460	480	500	520	540	560	580
TV-4903	NCDOT-PTD	5310 State Admin	FEPD	5310		420	541	545	545	545	550	550	560	560
TN-6125	NCDOT-PTD	5317 New Freedom	FNP	5317		403	410	420	430	440	450	460	470	480
			Local	L		81	82	84	86	88	90	92	94	96
TS-7001	NCDOT-PTD	5329 State Safety and Oversight	FED	5329		430	343	344	344	345	345	345	346	346
			State	State		86	69	69	69	69	69	69	70	70
			Local	L		86	69	69	69	69	69	69	70	70

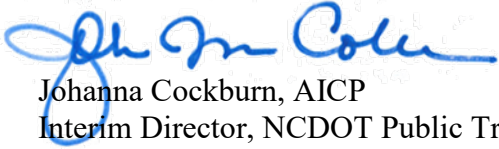
Item I-1A, (25) Projects, Total Federal and State funds \$383,632,000

Metropolitan Planning Organization	Transit Partners	Added to the STIP	Added to MTIP
Capital Area MPO	Go Cary	3/7/2019	3/20/2019
French Broad River MPO	Asheville Redefines Transit	3/7/2019	1/24/2019
Charlotte Regional Transportation Planning Organization	Charlotte Area Transit Systems	3/7/2019	2/13/2019

These additions and modifications were made according to requirements established in SAFETEA-LU, MAP-21 and FAST Act. The additions and modifications are consistent with the transit strategy in the fiscally constrained Long-Range Transportation Plans of the respective MPO's. Administration of the changes conforms to procedures delineated in the MPO public participation plans. The changes do not adversely impact air quality conformity determination currently in place and meets fiscal constraint requirements.

Please address any questions concerning this matter to Jason Wimmer, ajwimmer@ncdot.gov, 919-707-4686. Please endorse and return the request. Upon receipt, NCDOT will distribute copies of the endorsement to all the interested parties with a reminder that this document and the endorsement date below are the references needed to complete a TrAMS application.

Sincerely,



Johanna Cockburn, AICP
Interim Director, NCDOT Public Transportation Division

Date: March 7, 2018

Endorsement:

_____ Date _____
Keith Melton
Director of Planning and Program Development, Federal Transit Administration

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

**AMENDMENT #11
April 10, 2019**

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

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

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

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

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

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

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

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

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

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

BE IT THEREFORE RESOLVED that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board hereby approves Amendment #11 to the FY 2018-2027 Transportation Improvement Program of the Durham-Chapel Hill-Carrboro Urban Area, as approved by the Board on April 10, 2019, and as described in the “FY 2018-2027 TIP Amendment #11 Summary Sheet” on this, the 10th day of April, 2019.

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 10, 2019

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

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: March 13, 2019

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
- Farrington Road Amendment likely to be adopted – September 2018

2045 Metropolitan Transportation Plan (MTP)

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

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 6.0 - FY 2022-2031 TIP Development

- LPA Staff develops initial project list – March 2019
- Board reviews initial project list (including deletions of previously submitted projects) and authorizes release for public comment – June 2019

- SPOT On!ine opens for entering/amending projects – July 2019
- Board holds public hearing for project submittals – August 2019
- Board approves new projects to be submitted for SPOT-5 – September 2019
- MPO submits projects to NCDOT – September 2019
- LPA updates local ranking methodology – December 2019
- TCC makes recommendation on local ranking methodology – January 2020
- Board approves local ranking methodology – March 2020
- MPO applies local ranking methodology for Regional projects – April 2020
- Board releases MPO initial Regional points list for local input/public comments – May 2020
- LPA addresses public comments and makes draft recommendation on local points for Regional category – June 2020
- Approval of Regional Impact points – June-August 2020
- Submission of Regional Impact points to NCDOT – July-August 2020
- MPO applies local ranking methodology for Division projects – August 2020
- Board releases MPO initial Division points list for local input/public comments – September 2020
- LPA addresses public comments and makes draft recommendation on local points for Division category – October 2020
- Approval of Division Needs points – November 2020
- Submission of Division Needs points to NCDOT – November 2020
- Draft STIP Released – January 2021

Regional Freight Plan

- ✓ Consultant Selection/Contract Approval Complete
- ✓ Kick-Off Meeting – Conducted in July 2015
- ✓ Stakeholder outreach and engagement – October 2015
- ✓ Formation of the freight advisory committee – October 2015
- ✓ Data collection, analysis and assessment – November 2015
- ✓ Freight goals & objectives and performance measures – February 2016
- ✓ Analysis of freight existing conditions and trends – TBD
- ✓ Forecasts of future demands (2035 and 2045) – TBD
- ✓ Evaluation of future conditions – TBD
- ✓ Strategic freight corridors and zones – TBD
- ✓ Recommendation & implementation strategies – TBD
- ✓ Final report and presentation – September 2018
- ✓ Release formal report for public comment – September 2018
- Approve final report – April 2019

NC 54 West Corridor Study

- ✓ Select consultant – February 2017
- ✓ Project kick-off and initial public engagement – September 2017
- ✓ Inventory and Existing Conditions – November 2017
- ✓ Transportation analysis (and public engagement) – January 2018
- ✓ Conceptual designs and options (and public engagement) – May 2018
- ✓ Draft plan – September 2018
- ✓ Public input – October-November 2018
- Revisions and additional data collection – March-April 2019
- Public input – May 2019
- Final draft – June 2019

US 15-501 Corridor Study

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

Regional Intelligent Transportation System

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

Regional Toll Study

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

Project Development/NEPA

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

- I-40

Safety Performance Measures Target Setting

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

Upcoming Projects

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

Technical Committee Members

Name	Affiliation
Nishith Trivedi (Chair)	Orange County
Ellen Beckmann (Vice Chair)	City of Durham
Tina Moon	Carrboro Planning
Zachary Hallock	Carrboro Planning
Kumar Neppalli	Chapel Hill Engineering
<i>Vacant</i>	Chapel Hill Planning
Bergen Watterson	Chapel Hill Planning
Chance Mullis	Chatham County Planning
<i>Vacant</i>	City of Durham Transportation
Hannah Jacobson	City of Durham Planning
Tasha Johnson	City of Durham Public Works
Pierre Osei-Owusu	City of Durham Transportation / Go Durham
Evan Tenenbaum	Durham County Planning
Linda Thomas Wallace	Durham County
Scott Whiteman	Durham County Planning
Margaret Hauth	Hillsborough
Tom Altieri	Orange County Planning
Theo Letman	Orange Public Transportation
John Hodges-Copple	TJCOG
Joey Hopkins	NCDOT Division 5
Mike Mills	NCDOT Division 7
Brandon Jones	NCDOT Division 8
Julie Bogle	NCDOT TPD
John Grant	NCDOT Traffic Operations
Geoff Green	GoTriangle
Tim Brock	Research Triangle Foundation
<i>Vacant</i>	Duke University
<i>Vacant</i>	North Carolina Central University
Kurt Stolka	The University of North Carolina
Michael Langduth	The Raleigh Durham Airport Authority
<i>Vacant</i>	NCDENR
Eddie Dancausse	Federal Highway Administration (non-voting)
<i>Vacant</i>	Federal Transit Administration (non-voting)
<i>Vacant</i>	US Army Corps of Engineers (non-voting)

Technical Committee Alternates

Name	Affiliation
Patricia McGuire	Carrboro Planning
Tim Schwarzaue	Chapel Hill Transit
<i>Vacant</i>	Chapel Hill Planning/Engineering
<i>Vacant</i>	Chapel Hill Planning
Cara Coppola	Chatham County Planning
Jason Sullivan	Chatham County Planning
Harmon Crutchfield	City of Durham Transportation
Bill Judge	City of Durham Transportation
<i>Vacant</i>	City of Durham Transportation
<i>Vacant</i>	City of Durham Transportation
Jeff Lecky	City of Durham Public Works
Ed Venable	City of Durham Public Works
<i>Vacant</i>	Durham City Planning
Laura Woods	Durham County Planning
Lisa Miller	Durham City / County Planning
Sara Young	Durham City / County Planning
Tom King	Hillsborough Planning
Craig Benedict	Orange County Planning
Travis Myren	Orange County
David Keilson	NCDOT Division 5
Richard Hancock	NCDOT Division 5
Ed Lewis	NCDOT Division 7
Patrick Wilson	NCDOT Division 7
Bryan Kluchar	NCDOT Division 8
Matt Day	TJCOG
Scott Walston	NCDOT TPD
<i>Vacant</i>	NCDOT Traffic Operations
Patrick McDonough	GoTriangle
Blake Cashmore	Research Triangle Foundation
Carl DePinto	Duke University
Earnest Jenkins	North Carolina Central University
<i>Vacant</i>	The University of North Carolina
Ellis Cayton	The Raleigh Durham Airport Authority
<i>Vacant</i>	NCDENR

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: 9.91%	
Work Began: 02/26/2015		Letting Date: 11/18/2014	
Original Completion Date: 05/10/2020		Revised Completion Date: 05/25/2020	
Latest Payment Thru: 02/22/2019		Scheduled Progress: 78.02%	
Latest Payment Date: 03/05/2019		Actual Progress: 75.27%	

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: 8.82%	
Work Began: 06/26/2017		Letting Date: 05/16/2017	
Original Completion Date: 05/14/2019		Revised Completion Date:	
Latest Payment Thru: 02/28/2019		Scheduled Progress: 100%	
Latest Payment Date: 03/13/2019		Actual Progress: 87.86%	

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: 18.34%	
Work Began: 10/05/2016		Letting Date: 07/19/2016	
Original Completion Date: 03/30/2020		Revised Completion Date: 02/11/2021	
Latest Payment Thru: 02/15/2019		Scheduled Progress: 48%	
Latest Payment Date: 02/26/2019		Actual Progress: 50.02%	

Contract Number: C204167		Route: SR-1118, SR-1407, SR-1648 SR-1794, SR-1811, SR-1906 SR-1966, SR-1973, SR-2095	
Division: 5		County: Durham	
TIP Number:			
Length: 24.77 miles		Federal Aid Number: STATE FUNDED	
NCDOT Contact: James M. Nordan, PE		NCDOT Contact No: (919)220-4680	
Location Description: 51 SECTIONS OF SECONDARY ROADS.			
Contractor Name: CAROLINA SUNROCK LLC			
Contract Amount: \$4,355,108.47		Cost Overrun/Underrun: 0.38%	
Work Began: 08/01/2018		Letting Date: 05/15/2018	
Original Completion Date: 11/30/2019		Revised Completion Date:	
Latest Payment Thru: 12/31/2018		Scheduled Progress: 9%	
Latest Payment Date: 01/08/2019		Actual Progress: 10.59%	

Contract Number: C204168		Route: -	
Division: 5		County: Durham	
TIP Number:			
Length: 15.188 miles		Federal Aid Number: STATE FUNDED	
NCDOT Contact: Cameron D. Richards		NCDOT Contact No: (919)835-8200	
Location Description: 14 SECTIONS OF SECONDARY ROADS.			
Contractor Name: CAROLINA SUNROCK LLC			
Contract Amount: \$5,334,770.46		Cost Overrun/Underrun: 0.9%	
Work Began: 07/02/2018		Letting Date: 05/15/2018	
Original Completion Date: 11/30/2019		Revised Completion Date:	

Latest Payment Thru: 10/31/2018 Latest Payment Date: 11/07/2018		Scheduled Progress: 21% Actual Progress: 20.85%
Contract Number: C204256 Division: 5 TIP Number: Length: 15.89 miles NCDOT Contact: James M. Nordan, PE Location Description: 1 SECTION OF US-70, 1 SECTION OF NC-98, AND 3 SECTIONS OF SECONDARY ROADS. Contractor Name: CAROLINA SUNROCK LLC Contract Amount: \$0.00 Work Began: 03/15/2019 Original Completion Date: 11/30/2019 Latest Payment Thru: Latest Payment Date:		Route: -, NC-98, SR-1800 SR-1811, US-70 County: Durham Federal Aid Number: STATE FUNDED NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 0% Letting Date: 10/16/2018 Revised Completion Date: Scheduled Progress: 0% Actual Progress: 0%
Contract Number: C204270 Division: 5 TIP Number: U-5745 Length: 0.142 miles NCDOT Contact: James M. Nordan, PE Location Description: INTERSECTION IMPROVEMENTS (ROUNDAABOUT) AT NC-751 HOPE VALLEY ROAD AND SR-1183 UNIVERSITY DRIVE IN DURHAM. Contractor Name: CAROLINA SUNROCK LLC Contract Amount: \$2,271,302.32 Work Began: 02/28/2019 Original Completion Date: 05/01/2020 Latest Payment Thru: 03/07/2019 Latest Payment Date: 03/14/2019		Route: NC-751, SR-1183 County: Durham Federal Aid Number: STATE FUNDED NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 0.54% Letting Date: 01/15/2019 Revised Completion Date: Scheduled Progress: 7.13% Actual Progress: 7.13%
Contract Number: DE00228 Division: 5 TIP Number: I-5729 Length: 5.61 miles NCDOT Contact: James M. Nordan, 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: \$4,168,265.78 Work Began: 03/13/2018 Original Completion Date: 11/01/2018 Latest Payment Thru: 02/22/2019 Latest Payment Date: 03/01/2019		Route: I-85 County: Durham Federal Aid Number: NHPP-0085(013) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 61.17% Letting Date: 10/11/2017 Revised Completion Date: Scheduled Progress: 100% Actual Progress: 86.36%
Contract Number: DE00253 Division: 5 TIP Number: W-5705K Length: 0 miles NCDOT Contact: James M. Nordan, PE Location Description: SR 1327 (GREGSON ST) AND LAMOND AVE Contractor Name: TRAFFIC CONTROL DEVICES INC Contract Amount: \$72,515.00 Work Began: 09/01/2018 Original Completion Date: 02/28/2019 Latest Payment Thru: 02/28/2019 Latest Payment Date: 03/07/2019		Route: SR-1327 County: Durham Federal Aid Number: HSIP-1327(006) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 7.85% Letting Date: 07/25/2018 Revised Completion Date: Scheduled Progress: 100% Actual Progress: 51.79%
Contract Number: DE00255 Division: 5 TIP Number: W-5705C Length: 0 miles NCDOT Contact: James M. Nordan, PE Location Description: US 15-501 AT SR 1116 (GARRETT RD) US 15-501 BUS AT WESTGATE DR Contractor Name: ALS OF NORTH CAROLINA LLC Contract Amount: \$540,904.71 Work Began: 08/06/2018 Original Completion Date: 12/21/2018 Latest Payment Thru: 02/11/2019		Route: US-501 County: Durham Federal Aid Number: HSIP-0501(046) NCDOT Contact No: (919)220-4680 Cost Overrun/Underrun: 4.63% Letting Date: 05/23/2018 Revised Completion Date: Scheduled Progress: 100%

Latest Payment Date: 02/14/2019

Actual Progress: 36.73%

DURHAM PROJECT LIST -
March 4, 2019
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
17BP.5.R.116	5	DURHAM				Division POC Let (DPOC)	2/22/2023	Lisa Gilchrist			
17BP.5.R.117	5	DURHAM				Division POC Let (DPOC)	2/22/2023	Lisa Gilchrist			
17BP.5.R.83	5	DURHAM	BRIDGE 84 OVER CHUNKY PIE CREEK ON SR 1815			Division POC Let (DPOC)	4/22/2020	Lisa Gilchrist			
17BP.5.R.84	5	DURHAM				Division POC Let (DPOC)	1/26/2022	Lisa Gilchrist			
17BP.5.R.97	5	DURHAM	BRIDGE 89 OVER LICK CREEK ON SR 1902			Division POC Let (DPOC)	10/15/2019	Lisa Gilchrist			
47451.3.1	5	DURHAM	NC 98 (Holloway Street) - Traffic Signal at Adams Street and channelization at S. Woodcrest Street			On Call Contract (OCC)	7/15/2019	Stephen Davidson			
47709.3.1	5	DURHAM				Division POC Let (DPOC)	5/10/2019	Stephen Davidson			
B-5674	5	DURHAM	REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND	9/16/2019	9/16/2019	Raleigh Letting (LET)	12/15/2020	KEVIN FISCHER	\$110,000.00	\$2,209,000.00	
C-4928	5	DURHAM	SR 1317 (MORRENE ROAD) FROM NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.	2/25/2019	2/26/2019	NON - DOT LET (LAP)	4/15/2020	RAYMOND JOSEPH HAYES	\$7,000.00	\$5,783,000.00	
C-5183B	5	DURHAM	SR 1945 (S ALSTON AVENUE) FROM SR 1171 (RIDDLE ROAD) TO CAPPS STREET. CONSTRUCT SIDEWALKS IN DURHAM			NON - DOT LET (LAP)	12/2/2019	RAYMOND JOSEPH HAYES	\$99,000.00	\$706,000.00	
C-5605E	5	DURHAM	CITY OF DURHAM BICYCLE LANE STRIPING: 8 MILE OF BIKE LANES.			NON - DOT LET (LAP)	9/30/2019	RAYMOND JOSEPH HAYES		\$504,000.00	
C-5605H	5	DURHAM	DOWNTOWN DURHAM WAYFINDING PROGRAM SIGNS/KIOSKS TO FACILITATE NAVIGATION AND PARKING.	6/27/2019	6/28/2019	NON - DOT LET (LAP)	12/31/2019	RAYMOND JOSEPH HAYES		\$605,000.00	
C-5605I	5	DURHAM	DURHAM NEIGHBORHOOD BIKE ROUTE:~7 MILES OF SIGNED AND MARKED NEIGHBORHOOD BIKE ROUTES IN CENTRAL DURHAM.	3/29/2019		NON - DOT LET (LAP)	9/27/2019	RAYMOND JOSEPH HAYES		\$540,883.00	

DURHAM PROJECT LIST -
March 4, 2019
NCDOT DIVISION 5 - FIVE-YEAR PROGRAM

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
EB-4707A	5	DURHAM	SR 1838 / SR 2220 (OLD DURHAM ROAD) FROM US 15 / US 501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY	8/20/2015	8/20/2015	Division Design Raleigh Let (DDRL)	4/16/2019	BENJAMIN J. UPSHAW		\$4,900,000.00	Contract advertisement planned for March.
EB-5703	5	DURHAM	DURHAM - BRIDLE 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)	9/30/2020	RAYMOND JOSEPH HAYES		\$578,000.00	
EB-5704	5	DURHAM	DURHAM - RAYNOR STREET FROM NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET			NON - DOT LET (LAP)	9/29/2019	RAYMOND JOSEPH HAYES			
EB-5708	5	DURHAM	NC 54 FROM NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT IN DURHAM CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE			NON - DOT LET (LAP)	4/15/2020	RAYMOND JOSEPH HAYES		\$275,000.00	
EB-5715	5	DURHAM	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)	7/15/2020	RAYMOND JOSEPH HAYES		\$1,269,000.00	
EB-5720	5	DURHAM	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	RAYMOND JOSEPH HAYES	\$14,000.00	\$4,432,000.00	
EB-5834	5	DURHAM	NC 157 / SR 1322 (GUESS RD.) FROM HILLCREST DRIVE TO SR 1407(WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES.		6/30/2021	NON - DOT LET (LAP)	9/20/2022	RAYMOND JOSEPH HAYES	\$204,000.00	\$589,000.00	

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

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
EB-5835	5	DURHAM	NC 55 (ALSTON AVE.) FROM SR 1171 (RIDDLE RD.) TO CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN MISSING GAPS.		6/20/2022	NON - DOT LET (LAP)	9/20/2023	RAYMOND JOSEPH HAYES	\$50,000.00	\$525,000.00	
EB-5837	5	DURHAM	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	RAYMOND JOSEPH HAYES	\$161,000.00	\$2,546,000.00	
EB-5904	5	DURHAM	DUKE BELT LINE TRAIL - PETTIGREW STREET TO AVONDALE STREET IN DURHAM, CONSTRUCT A MULTI-USE TRAIL ON FORMER RAIL CORRIDOR	9/4/2018	9/4/2018	NON - DOT LET (LAP)	9/1/2020	RAYMOND JOSEPH HAYES	\$7,100,000.00	\$3,750,000.00	
I-5702B	5	DURHAM	I-40 FROM NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM COUNTY TO SR 1728 (WADE AVENUE) IN WAKE COUNTY - COORDINATE WITH I-5506 AND I-5700		1/1/2030	Design Build Let (DBL)	1/1/2030	PAM R. WILLIAMS	\$82,480,000.00	\$670,140,000.00	
I-5707	5	DURHAM	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	PAM R. WILLIAMS	\$323,000.00	\$3,550,000.00	
I-5941	5	DURHAM	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	DOUGLAS R. MCNEAL		\$2,973,000.00	
I-5942	5	DURHAM	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	DOUGLAS R. MCNEAL		\$8,357,000.00	

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Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
I-5982	5	DURHAM	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		\$109,970,000.00	
I-5993	5	DURHAM	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147.	10/18/2019		Division Design Raleigh Let (DDRL)	1/21/2020	DOUGLAS R. MCNEAL		\$17,700,000.00	
I-5994	5	DURHAM	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147.	8/30/2019		Division Design Raleigh Let (DDRL)	1/21/2020	DOUGLAS R. MCNEAL		\$6,652,000.00	
I-5995	5	DURHAM	I-40 - DURHAM/WAKE COUNTIES FROM EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION.	8/30/2020		Division Design Raleigh Let (DDRL)	1/19/2021	DOUGLAS R. MCNEAL		\$5,272,000.00	
I-5998	5	DURHAM	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION. COORDINATE WITH I-5999 & I-6000.	10/21/2022		Division POC Let (DPOC)	1/25/2023	DOUGLAS R. MCNEAL		\$3,800,000.00	
I-6000	5	DURHAM	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION/REHABILITATION. COORDINATE WITH I-5998 & I-5999.	10/22/2021		Division POC Let (DPOC)	1/26/2022	DOUGLAS R. MCNEAL		\$4,541,000.00	
I-6006	5	DURHAM	I-40 DURHAM/WAKE COUNTIES FROM NC 54 (EXIT 273) TO SR 1728 (WADE AVENUE). CONVERT FACILITY TO A MANAGED FREEWAY WITH RAMP METERING AND OTHER ATM / ITS COMPONENTS.		1/21/2025	Design Build Let (DBL)	1/21/2025	PAM R. WILLIAMS	\$20,000.00	\$54,530,000.00	
I-6010	5	DURHAM	I-85/US 15 DURHAM COUNTY FROM EAST OF SR 1827 (MIDLAND TERRACE) TO SR 1632 (RED MILL ROAD) IN DURHAM. ADD LANES.	1/15/2027	1/15/2027	Raleigh Letting (LET)	1/16/2029	PAM R. WILLIAMS	\$8,400,000.00	\$94,400,000.00	

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NCDOT DIVISION 5 - FIVE-YEAR PROGRAM

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
P-5706	5	DURHAM	NORFOLK SOUTHERN H LINE, EAST DURHAM RAILROAD SAFETY PROJECT. PROJECT WILL STRAIGHTEN EXISTING RAILROAD CURVATURE BETWEEN CP NELSON AND CP EAST DURHAM AND INCLUDES A COMBINATION OF GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD SOUTH END CROSSING (734737A), GLOVER ROAD (734735L), AND WRENN ROAD (734736)	2/1/2023	2/1/2023	NON - DOT LET (Rail)	1/31/2025	MATTHEW SIMMONS	\$9,000,000.00	\$42,400,000.00	
P-5716	5	DURHAM	NORFOLK SOUTHERN H LINE CROSSING 735236Y AT SR 1171 (ELLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	6/16/2023	6/16/2023	Raleigh Letting (LET)	6/16/2026	MATTHEW SIMMONS	\$1,000,000.00	\$3,700,000.00	
P-5717	5	DURHAM	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	\$4,377,600.00	\$16,100,000.00	
P-5728	5	DURHAM	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.	1/21/2025	1/21/2025	Raleigh Letting (LET)	12/15/2026	MATTHEW SIMMONS	\$1,500,000.00	\$4,000,000.00	
U-4724	5	DURHAM	DURHAM - CORNWALLIS RD (SR 1158) FROM SR 2295 (SOUTH ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD) IN DURHAM. BIKE AND PEDESTRIAN FEATURES.			NON - DOT LET (LAP)	6/30/2020	RAYMOND JOSEPH HAYES		\$4,978,000.00	
U-4726HN	5	DURHAM	CONSTRUCT BIKE LANES/SIDEWALKS IN DURHAM - HILLANDALE ROAD	4/1/2019	9/2/2019	NON - DOT LET (LAP)	1/1/2021	RAYMOND JOSEPH HAYES			
U-4726HO	5	DURHAM	CARPENTER - FLETCHER ROAD BIKE - PED; CONSTRUCT BIKE LANES / SIDEWALKS (CITY MAINTAINED) FROM WOODCROFT PARKWAY (CITY MAINTAINED) TO ALSTON AVENUE (SR 1945).		9/2/2019	NON - DOT LET (LAP)	1/29/2021	RAYMOND JOSEPH HAYES			
U-5516	5	DURHAM	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	\$6,501,430.00	\$5,500,000.00	Design of quadrant alternative underway.
U-5717	5	DURHAM	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	\$53,500,000.00	\$27,700,000.00	Continuing design of tight urban diamond alternative.

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NCDOT DIVISION 5 - FIVE-YEAR PROGRAM

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
U-5720A	5	DURHAM	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	PAM R. WILLIAMS	\$35,800,000.00	\$57,000,000.00	
U-5720B	5	DURHAM	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	PAM R. WILLIAMS	\$17,321,000.00	\$25,300,000.00	
U-5774A	5	DURHAM	NC 54 FROM US 15/US 501			Raleigh Letting (LET)	1/1/2030	PAM R. WILLIAMS	\$3,800,000.00	\$11,000,000.00	
U-5774B	5	DURHAM	NC 54 FROM US 15/US 501 IN ORANGE COUNTY TO SR 1110 (BARBEE CHAPEL ROAD) IN DURHAM COUNTY	6/16/2022	6/16/2022	Raleigh Letting (LET)	6/18/2024	PAM R. WILLIAMS	\$11,000,000.00	\$30,900,000.00	
U-5774C	5	DURHAM	NC 54 FROM SR 1110 (BARBEE CHAPEL ROAD) TO I-40	6/16/2022	6/16/2022	Raleigh Letting (LET)	6/18/2024	PAM R. WILLIAMS	\$3,000,000.00	\$23,700,000.00	
U-5774F	5	DURHAM	NC 54 FROM I-40/NC 54 INTERCHANGE		1/1/2027	Division POC Let (DPOC)	1/1/2028	PAM R. WILLIAMS	\$54,800,000.00	\$39,300,000.00	
U-5823	5	DURHAM	WOODCROFT PARKWAY EXTENSION. FROM SR 1116 (GARRETT ROAD) TO NC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT.	1/27/2020	1/27/2020	NON - DOT LET (LAP)	8/30/2021	RAYMOND JOSEPH HAYES	\$421,000.00	\$1,798,000.00	
U-5934	5	DURHAM	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	PAM R. WILLIAMS	\$2,148,000.00	\$177,100,000.00	
U-5937	5	DURHAM	NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1127 (WEST CHAPEL HILL STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	3/19/2021	3/19/2021	Raleigh Letting (LET)	3/21/2023	PAM R. WILLIAMS	\$10,202,000.00	\$47,001,000.00	
U-5968	5	DURHAM	CITY OF DURHAM UPGRADE ITS / SIGNAL SYSTEM	6/29/2018	1/3/2019	Raleigh Letting (LET)	4/16/2019	JASON P. GALLOWAY	\$750,000.00	\$21,865,000.00	
U-6021	5	DURHAM	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	\$5,769,000.00	\$13,770,000.00	Coordination with City to revise typical section.

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NCDOT DIVISION 5 - FIVE-YEAR PROGRAM

Project ID	Div	County	Description	R/W Plans Complete	R/W Acq Begins	Let Type	Let Date	Project Manager	ROW \$	CONST \$	COMMENTS
U-6067	5	DURHAM	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)	2/16/2027	PAM R. WILLIAMS	\$55,000,000.00	\$140,300,000.00	
U-6118	5	DURHAM	NC 55 FROM MERIDIAN PARKWAY TO I-40 INTERCHNAGE IN DURHAM		1/1/2026	Division POC Let (DPOC)	1/1/2028	BENJAMIN J. UPSHAW	\$2,000,000.00	\$10,000,000.00	New project in draft STIP.
W-5601EM	5	DURHAM	SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET. SAFETY IMPROVEMENTS.			Division POC Let (DPOC)	12/12/2018	JOHN EDWARD SANDOR		\$14,000.00	Anticipated Let in March, 2019
W-5705M	5	DURHAM	I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)	11/1/2018		Division POC Let (DPOC)	1/23/2019	JOHN EDWARD SANDOR		\$80,000.00	Anticipated Let in February, 2019
W-5705S	5	DURHAM	US 15/501 AT NC 751 SOUTHBOUND ON RAMP - EXTEND RAMP	9/1/2019		Division POC Let (DPOC)	9/23/2020	STEPHEN REID DAVIDSON		\$460,000.00	
W-5705T	5	DURHAM	SR 1815/1917 (MINERAL SPRINGS ROAD) AT PLEASANT DRIVE CONSTRUCT ROUNDABOUT	4/1/2020	4/1/2020	Division POC Let (DPOC)	4/21/2021	STEPHEN REID DAVIDSON	\$85,000.00	\$800,000.00	PEF procured.
W-5705U	5	DURHAM	US 70 BUSINESS (MORGAN STREET) AT CAROLINA THREATRE			Division POC Let (DPOC)	1/16/2019	JOHN EDWARD SANDOR		\$20,000.00	Anticipated Let in March, 2019
W-5705V	5	DURHAM	NC 54 AT HUNTINGRIDGE ROAD			Division POC Let (DPOC)	1/16/2019	JOHN EDWARD SANDOR		\$80,000.00	Anticipated Let in March, 2019
Z-5700EB	5	DURHAM	RAILWAY-HIGHWAY SAFETY PROJECT AT SR 1632 (RED MILL ROAD) AND NS CROSSING 734 914C NEAR DURHAM			NON - DOT LET (Rail)	10/19/2019	MATTHEW SIMMONS			

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907BS 44894.2.1 44894.3.1	Installation of traffic signal at the intersection of US70 and SR 1114 (Buckhorn Road) East of Mebane .	5/31/2017	Apr. 2019	\$40,500 R/W \$43,200 CON	Utility relocations complete, Right of entry rescinded, R/W acquisition pending	Dawn McPherson
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	11/1/2018	Aug. 2019	\$395,000	Planning and design activities underway, re-let due to bids exceeded engineers estimate, new let date 11/1/18 and received no bids, possible delivery by design-build let	Chad Reimakoski
47798	Increase length of existing turn lane / slip ramp and improve existing radius in the SE quadrant of US 70 Business/ NC 86 at US 70 Bypass in Hillsborough	1/17/2019	Jul. 2019	\$189,000	Planning and design activities complete, R/W certified 9/18/18, signal work complete, widening scheduled by end of Mar. 2019	Derek Dixon
U-5846 50236.1.1 50236.2.1 50236.3.1	Construct a roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in Carrboro .	Mar. 2019	FY2021	\$775,000	1st bid opening received no bids, Re-let 9/6/18 bids exceeded engineers estimate, project cost evaluation being performed, Utility relocation underway, Re-let pending	Chad Reimakoski
B-4962 40174.1.1 40174.2.1 40174.3.1	Replace Bridge #46 over Eno river on US 70 Bypass	4/16/2019	FY 2021	\$5,826,000	Planning and Design activities underway, ROW acquisition complete, ROW certified 1/22/19	Kevin Fischer
W-5707K 48283	Remove and replace existing curb & gutter and sidewalk, add pedestrian signals, concrete island, and signal modifications on SR 1010 (E. Main St / W. Franklin St) from Brewer Ln to Graham St. in Chapel Hill and Carrboro	5/31/2019	Sept. 2019	\$350,000	Construction May 2019	Chris Smitherman Derek Dixon
U-5847 50238.1.1 50238.2.1 50238.3.1	Intersection improvements at SR 1010 (West Franklin St.) and SR 1771 (Merritt Mill Rd)/SR1927 (Brewer Lane) in Chapel Hill / Carrboro .	5/31/2019	Sept. 2019	\$775,000	Planning and design activities underway, bike/ped improvements to be completed under project 48283	Chris Smitherman

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907CD 47936.1.1 47936.2.1 47936.3.1	Horizontal curve improvements on SR 1710 (Old NC 10) west of SR 1561/SR 1709 (Lawrence Road) east of Hillsborough. Improvements consist of wedging pavement and grading shoulders.	12/5/2019	Spring 2020	\$261,000	Planning and design activities underway	Chad Reimakoski
I-3306A 34178.1.3 34718.2.2 34178.3.3	Widening I-40 from I-85 in Orange Co. to Durham Co. line (US 15/501 Interchange)	TBD	TBD	\$98,800,000	Planning and design activities underway, Public meeting 1/24/19, No schedule at this time other than CE document scheduled for 3/29/19, Combined w/I-3306AC	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, Coordinate with U-5848	Matthew Simmons
R-5821A 47093.1.2 47093.2.2 47093.3.2	Construct operational improvements including Bicycle/Pedestrian accommodations on NC 54 from SR 1006 (Orange Grove Road) to SR 1107 /SR 1937 (Old Fayetteville Road).	6/21/2022	FY2024	\$3,924,000	Planning and design activities underway, coordinating with NC54 West Corridor Study	Jennifer Evans
U-5848 50237.1.1 50237.2.1 50237.3.1	Extend SR 1006 (Orange Grove Road) on new location with Sidewalks and bike lanes from existing SR 1006 (Orange Grove Road) to US 70 Business in Hillsborough .	3/21/2023	FY 2025	\$5,326,000	Planning and Design activities underway, Coordinate with P-5701 and U-5845	Laura Sutton
I-3306AC 34178.1.6 34178.2.5 434178.3.9	Interchange improvements at I-40 and NC86 in Chapel Hill	3/21/2023	FY 2025	\$16,500,000	Planning and Design activities underway, Combined w/I-3306A	Laura Sutton
I-5959 45911.1.1 45911.3.1	Pavement Rehabilitation on I-85 from West of SR 1006 (Orange Grove Road) to Durham County line	11/21/2023	FY 2025	\$11,155,000	Funding approved 10/10/17, Coordinate with I-5967, I-5984, I-5983 and I-0305	Chris Smitherman
I-5967 45917.1.1 45917.2.1 45917.3.1	Interchange improvements at I-85 and SR 1009 (South Churton Street) in Hillsborough	1/16/2024	FY 2027	\$20,700,000	Planning and Design activities underway, Coordinate with I-0305 and U-5845	Laura Sutton

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
U-5845 50235.1.1 50235.2.1 50235.3.1	Widen SR 1009 (South Churton Street) to multi-lanes from I-40 to Eno River in Hillsborough	1/16/2024	FY 2027	\$49,751,000	Planning and Design activities underway, Coordinate with U-5848 and I-5967	Laura Sutton
I-5984 47530.1.1 47530.2.1 47530.3.1	Interchange improvements at I-85 and NC 86 in Hillsborough	11/18/2025	FY 2027	\$16,488,000	Funding approved 10/10/17, Coordinate with I-0305 and I-5959	Laura Sutton
U-6071 47496.1.1 47496.2.1 47496.3.1	Intersection improvements at NC 54 and SR 1007 (Old Fayetteville Rd) in Carrboro	1/15/2026	FY 2027	\$1,216,000	Planning and design activities underway, Project on hold per Draft 2020-2029 STIP (unfunded project)	Jennifer Evans
I-5983 47529.1.1 47529.2.1 47529.3.1	Widen I-85 in Orange Co. from west of SR1713 (Mt. Hermon Church Rd) to Durham Co. line	10/20/2026	FY2029	\$53,460,000	Planning and Design activities underway, Coordinate with U-5848, I-0305 and I-5984	Laura Sutton
I-0305 34142.1.2 34142.2.2 34142.3.2	Widening of I-85 from west of SR1006 (Orange Grove Road) in Orange Co. to west of SR 1400 (Sparger Road) in Orange Co.	1/1/2027	FY2029	\$133,400,000	Planning and design activities underway, Project reinstated per Draft 2020-2029 STIP (funded project)	Laura Sutton



North Carolina Department of Transportation

Active Projects Under Construction - Orange Co.

<u>Contract Number</u>	<u>TIP Number</u>	<u>Location Description</u>	<u>Contractor Name</u>	<u>Resident Engineer</u>	<u>Contract Bid Amount</u>	<u>Availability Date</u>	<u>Completion Date</u>	<u>Work Start Date</u>	<u>Estimated Completion</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
C203640		REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.	HAYMES BROTHERS, INC.	Lorenz, PE, Kris	\$3,124,500.00	06/01/2015	11/01/2017	09/02/2015	03/15/2019	100.00	92.24
C203946	B-5348	REPLACE BRIDGE #85 OVER PHILS CRK ON SR-1005(OLD G'BORO RD)	DANE CONSTRUCTION INC	Kirkman, PE, Christopher D	\$984,596.98	02/01/2018	12/27/2018	02/01/2018	01/30/2019	99.00	92.33
C204025	I-5954	PAVEMENT REHAB ON I-40/I-85 FROM EAST OF NC-54 IN GRAHAM IN ALAM. CO. TO WEST OF SR-1114 (BUCKHORN RD) IN ORANGE CO.	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Kirkman, PE, Christopher D	\$9,699,053.68						
DG00321	W-5143	SR 1004 (EFLAND-CEDAR GROVE RD) ROADWAY IMPROVEMENTS.	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,711,133.05	04/02/2018	04/02/2019	04/02/2018	04/02/2019	100.00	98.20
DG00393		RESURFACE SR 1101, SR 1118, SR 1119, SR 1124, SR 1125, SR 1127, SR 1128 SR 1130, SR 1134, SR 1135, SR 1137, SR 1141, SR 1143, ETC.	RILEY PAVING INC	Kirkman, PE, Christopher D	\$1,084,520.40	04/02/2018	10/12/2018	06/18/2018	12/07/2018	100.00	99.97
DG00395		REPLACE BRIDGE #189 ON SR 1114 (BUCKHORN ROAD) OVER CANE CREEK	S T WOOTEN CORPORATION	Kirkman, PE, Christopher D	\$723,924.13	04/01/2018	01/01/2019	05/07/2018	02/07/2019	97.00	99.75
DG00413		RESURFACE US 70 BUS, SR 1009, SR 1102, SR 1129, SR 1239, SR 1352, SR 1716 AND SR 1841	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,562,232.66	05/28/2018	11/01/2019	05/29/2018	11/01/2019	38.00	53.71
DG00419		RESURFACE NC 86 AND 17 SECONDARY ROADS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,764,001.64	05/14/2018	11/01/2019	05/14/2018	11/01/2019	40.00	23.45
DG00427		REPLACE BRIDGE #51 ON SR 1534 (MCKEE ROAD) OVER BUFFALO CK.	NATIONAL BRIDGE BUILDERS LLC	Kirkman, PE, Christopher D	\$521,443.82	05/07/2018	03/04/2019	07/30/2018	04/29/2019	100.00	98.48
DG00435		AST RETREATMENT ON 22 SECONDARY ROADS	WHITEHURST PAVING CO INC	Kirkman, PE, Christopher D	\$846,340.66	04/01/2019	10/11/2019				
DG00444	R-5821B	INTERSECTION IMPORVEMENTS AT THE INTERSECTION OF NC 54 AND SR 1006 (ORANGE GROVE ROAD)	FSC II LLC DBA FRED SMITH COMPANY	Kirkman, PE, Christopher D	\$1,039,900.00	07/16/2018	05/16/2019	08/13/2018	05/16/2019	100.00	90.11
DG00445	R-5787BB	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020	08/06/2018	02/15/2020	70.00	61.61
	W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020	08/06/2018	02/15/2020	70.00	61.61
DG00451	U-5854	SR 1008 (MT. CARMEL CHURCH ROAD) AND SR 1913 (BENNETT ROAD) ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,833,468.84	08/15/2018	04/30/2020				
DG00461		BRIDGE REHAB. FOR BRIDGE #031 ON SR 1010 (E. FRANKLIN ST.) OVER BOLIN CREEK & BOLIN CREEK TRAIL	M & J CONSTRUCTION CO OF PINELLAS COUNTY INC	Robinson, Stephen J	\$2,456,272.12	11/12/2018	07/15/2019				
DG00462		REHAB BRIDGES 264, 288, 260, 543 IN ELITE INDUSTRIAL GUILFORD COUNTY AND BRIDGE 031 PAINTING INC IN ORANGE COUNTY		Snell, PE, William H	\$967,383.15	08/01/2019	01/01/2020				

Chatham County - DCHC MPO - Upcoming Projects - Division 8--March 2019								
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	4/9/2019	TBD	TBD	Greg Davis (910) 773-8022	TBD	Right of Way in progress