



## **Technical Committee Meeting Agenda**

Wednesday, February 24, 2021

9:00 AM

Meeting to be held by teleconference.

Watch on Facebook Live at <https://www.facebook.com/MPOforDCHC/>

Any member of the general public who wishes to make public comment should send an email to [aaron.cain@durhamnc.gov](mailto:aaron.cain@durhamnc.gov) and the comment will be read to the Board during the public comment portion of the meeting.

**1. Roll Call****2. Adjustments to the Agenda****3. Public Comment****CONSENT AGENDA****4. Approval of the January 27, 2021 TC Meeting Minutes** 21-129

A copy of the January 27, 2021 meeting minutes is enclosed.

**TC Action:** Approve the minutes of the January 27, 2021 TC meeting..

**Attachments:** 2021-02-24 (21-129) January 27 2020 TC Minutes

**ACTION ITEMS****5. CMAQ Funding Recommendation (20 minutes)** [21-128](#)**Anne Phillips, LPA Staff**

DCHC MPO receives a biennial allocation of Congestion Mitigation and Air Quality Improvement (CMAQ) funds from NCDOT for disbursement within member jurisdictions and agencies. CMAQ funds are federal funds that are to be directed to projects that show an air quality benefit upon implementation. A 20 percent local match is required for CMAQ funds. DCHC MPO received \$2,194,011 in CMAQ funding for FY22.

Eight CMAQ applications were submitted by local jurisdictions and agencies for this funding cycle. The total requested funding from these eight applications is \$5,790,001. LPA staff reviewed applications and performed an analysis primarily based on federally required emissions criteria to recommend which projects should be funded to the TC.

Once the MPO Board approves a list of recommended projects for CMAQ funding, LPA staff will forward those recommended projects to NCDOT for review. NCDOT makes the final determination on whether or not to grant the funding requests.

**TC Action:** Recommend Board approval of list of recommended projects for CMAQ funding as proposed by LPA staff.

**Board Action:** Approve the resolution authorizing submission of the recommended CMAQ projects to NCDOT.

**Attachments:** [2021-02-24 \(21-128\) CallforProjectsMemo](#)  
[2021-02-24 \(21-128\) CMAQ Resolution](#)  
[2021-02-24 \(21-128\) CMAQProjectList](#)

**6. US 15-501 Corridor Study (10 minutes)**[19-144](#)**Andy Henry, LPA staff**

The DCHC MPO Board directed staff to develop a request for information (RFI) to solicit and select consultant assistance to finish the US 15-501 Corridor Study. Staff has drafted an RFI for this purpose, which is based on the attached scope of services. The next steps include: send the RFI to relevant firms on the City of Durham master contract list; and, identify a proposal review and consultant selection committee with a representative from the DCHC MPO, Town of Chapel Hill, and NCDOT.

The following DCHC MPO Web page provides the final report documents and conceptual design for the US 15-501 Corridor Study and a compilation of the public comments:

[www.bit.ly/15-501](http://www.bit.ly/15-501).

**TC Action:** Provide comments, and forward to the DCHC MPO Board.

Attachments: [2021-02-24 \(19-144\) US15-501CorridorStudy-Scope](#)

**7. CTP Amendment #3 (20 minutes)**[21-122](#)**Andy Henry, LPA Staff**

The DCHC MPO adopted the Comprehensive Transportation Plan (CTP) in May 2017. Since that time, there have been two amendments that addressed two specific roadway projects but there has not been an amendment that dealt with a broader, larger set of needed changes. Over the past several months, MPO and NCDOT staff have worked with local planners to identify needed changes to the roadway, transit, bicycle, pedestrian, and multiuse path sections of the CTP. Staff has compiled the proposed changes in the set of tables and maps in the attached CTP Amendment #3 document. The Technical Committee will want to discuss and provide guidance on the next steps and schedule. Next steps should include further review by local staff, the NCDOT Transportation Planning Division (TPD), and a TC subcommittee.

**TC Action:** Review proposed CTP Amendment #3 and discuss next steps.

Attachments: [2021-02-24 \(21-122\) CTP Amendment3 Report](#)

**REPORTS FROM STAFF:****8. Report from Staff**[21-107](#)**Felix Nwoko, LPA Staff**

**TC Action:** Receive report from Staff.

Attachments: [2021-02-24 \(21-107\) LPA staff report](#)

**9. Report from the Chair** [21-108](#)

Ellen Beckmann, TC Chair

TC Action: Receive report from the TC Chair.

**10. NCDOT Reports** [21-109](#)

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

Wright Archer (Pat Wilson, Stephen Robinson), Division 7 - NCDOT

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

Julie Bogle, Transportation Planning Division - NCDOT

John Grant, Traffic Operations - NCDOT

Kathryn Zeringue, Integrated Mobility Division - NCDOT

TC Action: Receive reports from NCDOT.

Attachments:      [2021-02-24 \(21-109\) NCDOT Reports](#)

**INFORMATIONAL ITEMS:**

**Adjourn**

**Next meeting: March 24, 9 a.m., Committee Room**

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



## **DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION**

### **TECHNICAL COMMITTEE**

**January 27, 2021**

### **MINUTES OF MEETING**

The Durham-Chapel Hill Carrboro Metropolitan Planning Organization Technical Committee met on January 27, 2021 at 9:00 a.m. through a teleconferencing platform. The following members were in attendance:

Nishith Trivedi (Chair) Orange County  
Ellen Beckmann (Vice Chair) City of Durham  
Kayla Seibel (Member) City of Durham  
Tasha Johnson (Member) City of Durham  
Evan Tenenbaum (Member) City of Durham  
Pierre Owusu (Member) City of Durham Transportation/Go Durham  
Brooke Ganser (Member) Durham County  
Scott Whiteman (Member) Durham County  
Chance Mullis (Member) Chatham County  
Tina Moon (Member) Town of Carrboro  
Bergen Watterson (Member) Town of Chapel Hill  
Jomar Pastorelle (Member) Town of Chapel Hill  
Zach Hallock (Member) Town of Carrboro  
Kumar Neppalli (Member) Town of Chapel Hill  
Margaret Hauth (Member) Town of Hillsborough  
John Hodges-Copple (Member) TJCOG  
Jay Heikes (Member) GoTriangle  
Hank Graham (Member) Research Triangle Foundation  
John Grant (Member) NCDOT Traffic Operations  
Julie Bogle (Member) NCDOT TPD  
Michael Page (Member) North Carolina Central University  
Kurt Stolka (Member) The University of North Carolina  
Theo Letman (Member) Orange Public Transportation  
Tom Altieri (Member) Orange County Planning  
Bill Judge (Alternate) City of Durham  
Richard Hancock (Alternate) NCDOT Division 5  
David Kielson (Alternate) NCDOT Division 5  
Steven Robinson (Alternate) NCDOT Division 7  
Bryan Kluchar (Alternate) NCDOT Division 8  
Brian Taylor (Alternate) City of Durham Transportation  
Cha'ssem Anderson (Alternate) The University of North Carolina

Matt Cecil (Alternate) Chapel Hill Transit/Planning  
Meg Scully (Alternate) GoTriangle

Sean Egan City of Durham  
Tamara Njegovan NCDOT Division 7  
Joe Geigle Federal Highway Administration  
Cy Stober City of Mebane

Felix Nwoko DCHC MPO  
Brian Rhodes DCHC MPO  
Aaron Cain DCHC MPO  
Andy Henry DCHC MPO  
Dale McKeel City of Durham/DCHC MPO  
Anne Phillips DCHC MPO  
Kayla Mathews DCHC MPO

Quorum Count: 24 of 31 voting members

Chair Nishith Trivedi called the meeting to order at 9:02 a.m. Aaron Cain noted that the roll call could be completed by utilizing the zoom participant list. Aaron Cain introduced the new MPO intern, Kayla Mathews.

### **PRELIMINARIES:**

#### **Adjustments to the Agenda**

Chair Nishith Trivedi asked if there were any adjustments to the agenda. Aaron Cain noted two items, the first was safety performance measures and the second was to make everyone aware of the Call for Projects that was released January 26, 2021. These items would be added to the end of the agenda.

#### **Public Comments**

Chair Nishith Trivedi asked if there were any requests for public comment. There were no public comments.

**CONSENT AGENDA:**

The January 6, 2021 meeting minutes will be presented at the February TC meeting.

**ACTION ITEMS:**

**4. US 15-501 Corridor Study (10 minutes)**

**Andy Henry, LPA staff**

Chair Nishith Trivedi mentioned that this section was intended to discuss comments and would not need a vote. Andy Henry reminded the committee that at the January meeting, the MPO Board asked staff to make a few changes to the scope, including adding a third stakeholder group and ensuring the study is aspirational. Andy Henry said the scope will be revised and brought back to the TC in February before going to the MPO Board in March. Jay Heikes noted the need to coordinate with ongoing transit plan updates both in Orange and Durham Counties as well as other potential follow up studies. Andy Henry said he would go ahead and add that to the public engagement part of the scope. Andy Henry mentioned if anyone thinks of comments later, they would be welcome at any time.

This item was for discussion purposes, no further action was required by the TC.

**5. FY2022 Unified Planning Work Program (15 minutes)**

**Felix Nwoko, LPA Staff**

Felix Nwoko informed the group that the Unified Planning Work Program (UPWP) was released by the Board for public comments, and so far none have been received. Felix Nwoko mentioned a few new changes to the FY 22 UPWP New Initiatives, stating that the cost was removed that was associated with some initiatives as they would be completed by MPO staff and the two new low-cost initiatives requested by TJCOG. Felix Nwoko added that another change was that the FY 22 Planning (PL) funds estimate has been added to the funding for new initiatives, and an equivalent amount of Surface

Transportation Block Grant (STBG) funds has been removed so there is no net change to overall funding for new initiatives.

Chair Nishith Trivedi asked for confirmation that the MPO will pay the local match for the two US-70 studies and Felix Nwoko confirmed this. Zach Hallock asked about the third item on the New Initiative table attachment after much local interest in an emission estimation tool. Felix Nwoko answered that there will be some minor formatting changes to the document. Julie Bogle and Felix Nwoko discussed coordination with the State Transportation Involvement Program (STIP) on the unobligated STBG funds.

Kumar Neppalli made a motion to recommend that the MPO Board approve the UPWP. Zach Hallock seconded the motion. The motion passed unanimously.

#### **6. Draft Public Involvement Policy (PIP) and Limited English Proficiency Plan (LEP) (20 minutes)**

**Anne Phillips, LPA Staff**

Anne Phillips shared that the MPO has advertised the public comment period, but so far none have been received. The TC previously requested an executive summary and examples of the spectrum of engagement which have since been added to the PIP. There was a public hearing at the last MPO Board meeting, but nobody spoke at that hearing. Pierre Owusu asked if the MPO was a part of the City of Durham LEP group. Anne Phillips replied that the MPO is not part of that group, but the required federal procedures are very similar. In response to a question from Pierre Owsusu, Anne Phillips clarified that the MPO does not have a budget associated with the LEP, so moving forward the MPO should keep track of expenses related to implementation of the LEP.

Chance Mullis made a motion to recommend that the MPO Board approve the PIP and LEP Plan. Pierre Owusu seconded the motion. The motion passed unanimously.

## **7. CTP Amendment #3 (15 minutes)**

### **Andy Henry, LPA Staff**

Andy Henry gave a presentation on the Comprehensive Transportation Plan (CTP) Amendment #3 and asked for any comments. The presentation covered the CTP and Metropolitan Transportation Plan (MTP) relationship, previous CTP amendments, summarized the proposed CTP Amendment #3, and reviewed the proposed schedule. Zach Hallock mentioned it would be helpful to identify what municipalities have regarding local Bicycle and Pedestrian plans and that Carrboro adopted their new Bicycle and Pedestrian plan on January 12, 2021.

John Hodges-Copple stated that the language in the CTP should not be constraining. Vice Chair Ellen Beckmann mentioned there would be a lot of overlap in the engagement process in terms of what the MPO is asking for the CTP Amendment #3 and the Orange and Durham Counties MTPs. Aaron Cain mentioned that these efforts could be coordinated. Andy Henry stated the need for greater clarification to avoid public confusion as the MTPs are smaller, more well defined plans whereas the CTPs are much broader.

Jay Heikes asked Andy Henry about how much thought has gone towards bus stops and bus pull outs that are elements of the Complete Streets policy. Andy Henry said bus stops and bus pull outs haven't been designated yet in the CTP, but the language of the complete streets policy will be added that encompasses many elements. Andy Henry stated he would add slides to address today's discussion before forwarding the presentation to the MPO Board.

This item was for discussion purposes only, no action was required by the TC.

**8. FFY 2021 CRRSSA (COVID Relief) Section 5307 Apportionment for DCHC UZA (5 minutes)**

**Felix Nwoko, LPA Staff**

Felix Nwoko reviewed the CARES ACT 5307 Split Letter that divides the funding in a manner that is consistent with methodologies formerly approved by the MPO Board. Jomar Pastorelle asked about the reason for safety and security funds. Felix Nwoko responded that transit agencies are required to set aside 1% of their funding for safety and security measures. Meg Scully added that transit agencies generally meet the safety and security minimum requirement with other funding which is why it does not appear on the attached apportionment chart.

Jomar Pastorelle made a motion to recommend that the MPO Board approved the Section 5307 Apportionment split letter for COVID relief. Pierre Owusu seconded the motion. The motion passed unanimously.

**9. FHWA Highway Infrastructure Funding Swap (10 minutes)**

**Anne Phillips, LPA Staff**

Anne Phillips mentioned the MPO did this funding swap last year and it is a fairly routine action. Anne Phillips explained that the MPO has received its allocation of Highway Infrastructure (Infra) funds from NCDOT, but these funds can only be used for projects with a vehicular benefit. Additionally, NCDOT has offered to swap Infra funds for STBG funds, which can be used for projects more in line with the MPO's goals.

Evan Tenenbaum made a motion to recommend Board approval of the FHWA Highway Infrastructure funding swap with NCDOT. Jomar Pastorelle seconded the motion. The motion passed unanimously.

**10. Transportation Improvement Program (TIP) Amendment #4 (5 minutes)**  
**Anne Phillips, LPA Staff**

Anne Phillips explained that the changes in this amendment were mostly changes made to the STIP by NCDOT and therefore needed to be reflected in DCHC MPO's TIP. Anne Phillips asked attendees to review projects in their jurisdictions to see if there are any potentially conflicting changes. Evan Tenenbaum asked if project funding amounts that have been previously discussed are included in this amendment or if they would be included in a subsequent amendment. Anne Phillips answered that there are mostly schedule changes in TIP Amendment #4 and Aaron Cain added that some funding changes, such as to Morreene Road, are included in this amendment. Aaron Cain stated there may be another TIP Amendment from the MPO to ensure NCDOT is clear about how much funding should be allocated to each project for the STIP.

Kumar Neppalli made a motion to recommend the Board approve TIP Amendment #4. Scott Whiteman seconded the motion. The motion passed unanimously.

**10A. Safety Performance Measures**  
**Andy Henry, LPA Staff**

Andy Henry stated the goal for this agenda item is to elicit comments and forward the item to the MPO Board for adoption by resolution. Andy Henry gave a presentation on the Transportation Performance Measures – Safety (TPMS) that are a federal requirement. In January 2019, the MPO adopted Safety measures and targets that were subsequently updated in November 2019. The MPO has two options – to either establish their own measures or to support NCDOT measure values. There was a discussion on the benefits and drawbacks of each option and a consensus was reached to support NCDOT measures so as to gain access to NCDOT data and to not incur additional burden on MPO staff.

Felix Nwoko stated that because the MPO Board has expressed interest in an MPO-centric safety TPMS plan, a compromise may be necessary to follow NCDOT targets while the

MPO develops a broader plan that discusses objectives and strategies. Joe Geigle added that no MPO within NC has adopted their own performance targets. Andy Henry added that funding and decision making processes would be unlikely to change if the MPO created their own performance targets despite the significant burden of staff time required to gather data and calculate targets. Vice Chair Ellen Beckmann and Joe Geigle discussed whether NCDOT and DCHC MPO had compatible safety goals. Chair Nishith Trivedi added that NCDOT approved a Highway Strategic Safety Plan in 2019 that identifies how they plan to achieve their targets. Joe Geigle clarified that the 2035 reduction by 50% is an interim goal to bridge the gap to the 2050 goal of zero fatalities or serious injuries (Vision Zero).

Kumar Neppalli made a motion to recommend that the MPO Board endorse NCDOT safety targets by resolution. Pierre Owusu seconded the motion. The motion passed unanimously.

**10B. Call for Projects**  
**Anne Phillips, LPA Staff**

Anne Phillips mentioned the MPO sent out the call for projects on January 26, 2021, including application materials for STBG and Congestion Mitigation Air Quality Improvement (CMAQ) funds. Applications are due on February 10, 2021. Aaron Cain reminded everyone that all of these funding sources require a 20% local match. Ellen Beckmann asked if the STBG any area funds are divided by jurisdiction. Aaron Cain responded that those funds are available to any jurisdiction through a competitive application basis.

Aaron Cain added that, as discussed previously with MPO staff after they were notified by localities of potential funding shortfalls on existing projects, along with the backlog of projects, the funds will be preferentially given to existing projects to finish the implementation process rather than adding new projects to the list of uncompleted projects.



**11. TC Officer Elections (10 minutes) 21-113**  
**Aaron Cain, LPA Staff**

Aaron Cain stated per the bylaws that a new Chair and Vice Chair need to be elected. The only nominations that have been received thus far is Ellen Beckmann for Chair and Nishith Trivedi for Vice Chair. Aaron Cain opened up the virtual floor for any other nominations before proceeding.

Pierre Owusu made a motion to approve the nominations of Ellen Beckmann for Chair and Nishith Trivedi for Vice Chair. Jomar Pastorelle seconded the motion. The motion passed unanimously.

At this point in the meeting, Ellen Beckmann officially became the Chair of the TC and Nishith Trivedi became the Vice Chair.

**REPORTS FROM STAFF:**

**12. Report from Staff**  
**Felix Nwoko, LPA Staff**

Felix Nwoko brought up that the Office of Management and Budget (OMB) released the new Metropolitan Statistical Areas (MSA) that has been published in the Federal Registrar for a 60 day comment period. The OMB is proposing raising the minimum threshold for an MSA from the current threshold of 50,000 people to the proposed threshold of 100,000 people. It is unclear how this new change would affect the MPO's mission or the MPO as a whole.

**11. Report from the Chair**  
**Ellen Beckmann, Newly Elected TC Chair**

Chair Ellen Beckmann had no additional report.

**12. NCDOT Reports**  
**Joey Hopkins (David Keilson, Richard Hancock), Division 5 - NCDOT**

David Keilson reported comments on two projects. The Alston Avenue project and the reopening of the Alston/Holloway intersection has been pushed back a month due to weather

and utility conflicts. The Old Durham/Old Chapel Hill Road project the water line that was slowing the project down is being pressure tested today and if it passes, then the remaining sidewalk, curb, and final inch of asphalt can be completed ideally before the Wegmans Store opens on February 24, 2021.

**Wright Archer (Pat Wilson, Stephen Robinson), Division 7 - NCDOT**

Stephen Robinson had no additional report.

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

Bryan Kluchar had no additional report.

**Julie Bogle, Transportation Planning Division - NCDOT**

Julie Bogle had no additional report.

**John Grant, Traffic Operations - NCDOT**

John Grant had no additional report.

**Kathryn Zeringue, Integrated Mobility Division - NCDOT**

Kathryn Zeringue had no additional report.

**INFORMATIONAL ITEMS:**

**Adjourn**

There being no further business, the meeting was adjourned by Chair Ellen Beckmann at 10:43 a.m.

**Next Meeting: February 24, 9:00 a.m., Meeting to be held by teleconference**

## DURHAM • CHAPEL HILL • CARRBORO METROPOLITAN PLANNING ORGANIZATION

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**January 26, 2021**

TO: DCHC MPO Technical Committee  
FROM : DCHC MPO Lead Planning Agency  
SUBJECT: Federal Funding Call for Projects

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### **Introduction**

The Durham-Chapel Hill-Carrboro (DCHC) MPO invites member jurisdictions and agencies to submit funding applications for Congestion Mitigation Air Quality Improvement (CMAQ), Surface Transportation Block Grant - Direct Attributable (STBGDA), Surface Transportation Block Grant (STBG), and Regional Bicycle and Pedestrian (STBGDA and Transportation Alternative Program - Direct Attributable or TAPDA) projects.

The application and selection process is guided by the attached Policy Framework for DCHC MPO Federal Funds. **All applications are due on February 10, 2021 by 5 p.m.**

### **A few things to keep in mind:**

- Applicants are also encouraged to seek funding for existing projects to improve project delivery.
- Applicants are encouraged to submit bicycle, pedestrian, and transit projects to support the growth of a multimodal transportation network in our region.
- All funding sources require a 20% local match.
- Intelligent Transportation System (ITS) projects must come from an adopted ITS Plan.

### **CMAQ**

Congestion Mitigation and Air Quality Improvement (CMAQ) funds are available for transportation projects and programs that improve air quality by increasing the efficiency of existing transportation facilities or reducing travel demand on those facilities. General purpose roadway projects are not eligible. The minimum amount that can be requested is \$100,000 per DCHC policy.

### **Funding Available: \$2,194,011**

**Funding Note:** CMAQ funds are usually used to support the regional Transportation Demand Management (TDM) program. TJCOG has requested \$571,487 to support the program, which leaves **\$1,622,514** available for programming.

**Application Procedure:** CMAQ Application form (attached)

### **Other Notes:**

- The MPO will perform emissions calculations for all CMAQ project submittals and use the results to prioritize projects for funding.

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### STBGDA

Surface Transportation Block Grants – Direct Attributable provide flexible funding that communities can use to improve or construct roadways, bridges, bicycle and pedestrian infrastructure, and to implement transit capital projects. This call is for all available funding through FY22.

#### **Funding Available:**

<u>Jurisdiction</u>	<u>Total to Program</u>
<b>Carrboro</b>	<b>\$ 412,172</b>
<b>Chapel Hill</b>	<b>\$ 481,269</b>
<b>Chatham County</b>	<b>\$ 17,498</b>
<b>City of Durham</b>	<b>\$ -</b>
<b>Durham County</b>	<b>\$ -</b>
<b>Hillsborough</b>	<b>\$ 237,479</b>
<b>Orange County</b>	<b>\$ 86,600</b>

**Application Procedure:** STBGDA form (attached)

#### **Other notes:**

- The City of Durham and Durham County do not have any funds available. In 2019, the City of Durham programmed the entirety of their STBGDA distribution through FY24 for bike/ped projects. Durham County uses its funds for a county planning position.
- Due to delays in implementation of previously programmed projects, priority will be given to use of funds to further implementation of existing projects, rather than the creation of new projects.

### STBG (Any Area)

These STBG funds are available to any jurisdiction in the DCHC area, and were obtained by DCHC through a fund swap with NCDOT. Surface Transportation Block Grants provide flexible funding that communities can use to improve or construct roadways, bridges, bicycle and pedestrian infrastructure, and to implement transit capital projects. These funds are available for use in FY21.

**Funding Available:** \$752,885

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**Funding Note:** The total available amount of \$752,885 is contingent on the MPO Board's approval of a swap of \$338,079 of Highway Infrastructure Funds for STBG funds at the February 10, 2021, MPO Board meeting.

**Application Procedure:** STBGDA form (attached)

### Other Notes:

- Due to delays in implementation of previously programmed projects, priority will be given to use of funds to further implementation of existing projects, rather than the creation of new projects.

### **Regional Bicycle and Pedestrian Projects (STBGDA and [TAPDA](#))**

Projects in this category will span multiple jurisdictions or otherwise provide regional benefits through increased connectivity. Per MPO Policy, Transportation Alternative Program (TAP) funds are combined with a set aside of STBGDA funds for our Regional Bike-Ped program.

TAP funds may only be used for transportation alternatives including bicycle and pedestrian facilities, trails, scenic areas, community improvement activities, environmental mitigation, and safe routes to school programs. No roadway capacity improvement projects are eligible for TAP funds.

**Funding Available:** \$1,812,318 (FY21 & FY22 combined)

**Application Procedure:** Address the screening and scoring criteria below in a two-page memo. Include a map of the project site as an attachment to the memo.

### **Screening Criteria**

- Projects must request a minimum of \$1,000,000 federal funding.
- Only the next imminent project phase should be requested (i.e. construction funding should only be requested once design and right-of-way are complete).
- Projects must be part of the adopted bicycle and pedestrian Regional Routes as listed in the current Metropolitan Transportation Plan. For a list of regional routes, see [Appendix 4 of the 2045 MTP](#).

### **Scoring Criteria**

• **40% Project readiness** – priority will be given to projects that are ready to be constructed or are ready to move to the next phase of project development:

- 100 points - Construction funding requested - right-of-way and design complete
- 50 points - Right-of-way funding requested – design complete
- 25 points - Planning requested

• **30% Safety**

- Variable score from 0-100 points based on the relative number of bike/ped crashes on the facility or parallel facility.

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### • 15% Spans multiple jurisdictions

- 100 points – spans more than two local jurisdictions
- 50 points – spans more than one local jurisdiction

### • 15% Density

- Variable score from 0-100 points based on the relative population and employment density of a 0.5 mile buffer of the corridor.

### Other Notes:

- The MPO has broadly defined “regional” in the past. Examples of projects that would qualify as regional include the Hillsborough Riverwalk and those related to the American Tobacco Trail as they are part of a statewide or national trail system. In addition, projects shown in the 2045 Metropolitan Transportation Plan (MTP) qualify for this funding.
- The federal application for TAPDA funds is quite involved. Please let Anne Phillips know if you are planning to submit an application for Regional Bike-Ped funding in advance of the application deadline.

## Schedule and Selection Criteria for Funding Sources

### Application and Approval Schedule

- January 26 – Call for Projects issued
- January 27 – Call for projects announced call at TC meeting
- February 3 – Member Jurisdictions will receive a Call for Projects reminder
- February 10 – Final Application Deadline
- February 17 – Recommended projects submitted to TC review
- February 24 – TC review and recommendation
- March 10 – MPO Board approval

### Factors that will be considered during the selection process:

- Completeness of application
- Geographic equity – funded projects should be equitably distributed among DCHC jurisdictions
- Emissions savings (CMAQ)
- Does the project improve regional bicycle and pedestrian connectivity? (Regional Bike-Ped projects)

**RESOLUTION TO ENDORSE CANDIDATE CONGESTION MITIGATION AIR  
QUALITY (CMAQ) PROJECT PROPOSALS FOR FY22**

**March 10, 2021**

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

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

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

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

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

**WHEREAS**, the resulting candidate project proposals meet the requirements of CMAQ and the guidelines established by NCDOT to administer the program; and

**WHEREAS**, upon approval of the candidate project proposals for CMAQ funding by the NCDOT, the DCHC MPO will include these projects in its Transportation Improvement Program; and

**BE IT THEREFORE RESOLVED** that the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Board endorses the attached listing of proposed CMAQ candidate projects provided here on this, the 10th day of March, 2021.

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Wendy Jacobs, MPO Board Chair

Durham County, North Carolina

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

Date: March 10, 2021

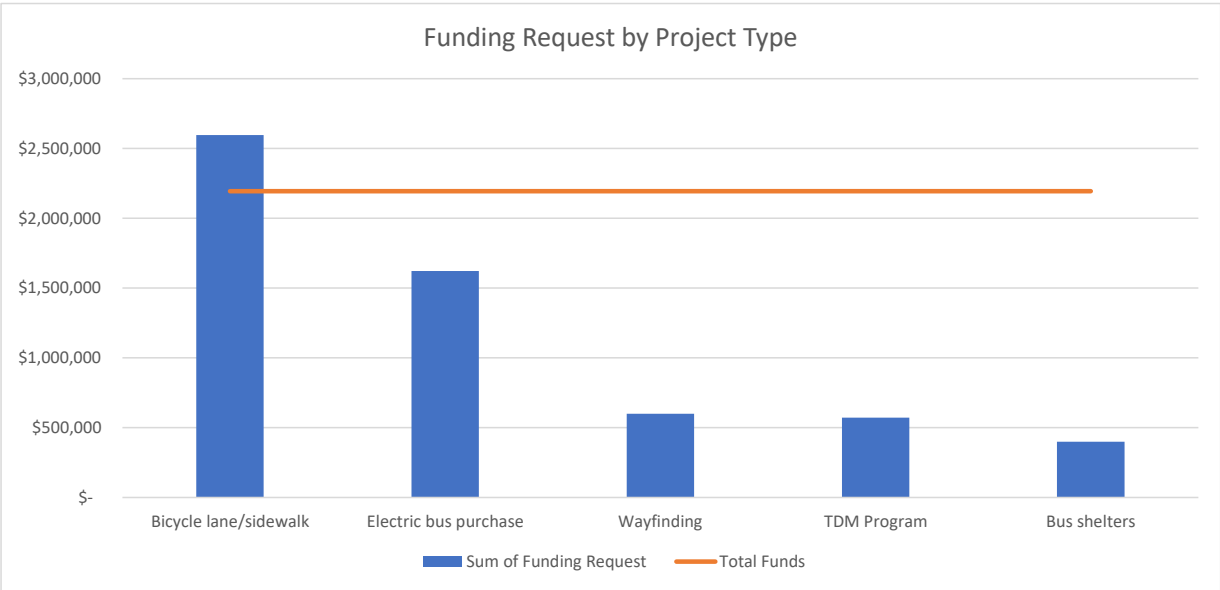
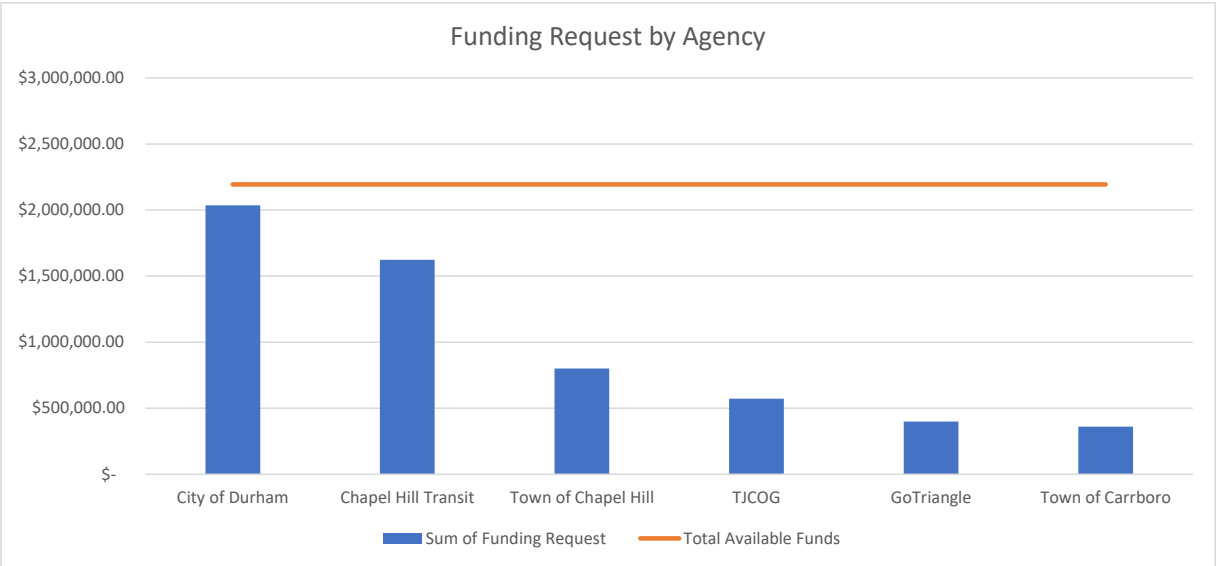
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Frederick Brian Rhodes, Notary Public  
My commission expires: May 10, 2025

# FY 22 CMAQ Project Submissions

Agency	Project Description	Project Type	County	Funding Request	Local Match	Total	Exiting Project (Y/N)	Project Stage
Chapel Hill Transit	Electric bus replacement (2) and charger	Electric bus purchase	Orange	\$ 1,622,514.00	\$ 477,486.00	\$ 2,100,000.00	N/A	Transit Operations
City of Durham	Bike Facilities II	Bicycle lane/sidewalk	Durham	\$ 1,116,000.00	\$ 279,000.00	\$ 1,395,000.00	N	Design and Construction
City of Durham	Neighborhood Bike Routes II and III	Bicycle lane/sidewalk	Durham	\$ 320,000.00	\$ 80,000.00	\$ 400,000.00	Y	Design and Construction
City of Durham	Downtown Durham Wayfinding	Wayfinding	Durham	\$ 600,000.00	\$ 150,000.00	\$ 750,000.00	Y	Construction
GoTriangle	15-501/Eastowne Bus Shelters	Bus shelters	Orange	\$ 400,000.00	\$ 100,000.00	\$ 500,000.00	N	Design and Construction
TJCOG	Triangle TDM Program	TDM Program	All	\$ 571,487.00	\$ 114,297.40	\$ 685,784.40	Y	Program
Town of Carrboro	S Greensboro Street Sidewalk	Bicycle lane/sidewalk	Orange	\$ 360,000.00	\$ 90,000.00	\$ 450,000.00	Y	Construction
Town of Chapel Hill	Estes Drive Bike-Ped	Bicycle lane/sidewalk	Orange	\$ 800,000.00	\$ 200,000.00	\$ 1,000,000.00	Y	Construction
				<b>\$ 5,790,001.00</b>	<b>\$ 1,490,783.40</b>	<b>\$ 7,280,784.40</b>		





# US 15-501 Corridor Study

## Scope – Summary *(version: January 19, 2021)*

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This scope summarizes the tasks and products needed to finish the US 15-501 Corridor Study. Staff will use this summarized scope to create a request for proposal to select a consultant known for their creative bicycle, pedestrian and transit planning solutions. The request for proposal will emphasize that the DCHC MPO seeks solutions for the US 15-501 Corridor that are truly aspirational and lead the travel of our future rather than react to it.

## Review Draft Corridor Study and Process

The consultant will become familiar with the draft US 15-501 Corridor Study report, including the vision and goals, demographic and travel profiles, public participation process, alternatives, recommendations and implementation, and the conceptual design. It is important that the consultant understand how the Study's proposed transportation system for the Chapel Hill segment and the I-40/US 15-501 quadrant area did not meet the newly adopted Goals and Objectives of the DCHC MPO and the interests of several people who provided comments to the Board. The proposed design of the Chapel Hill segment favored vehicle travel over that of bicyclists and pedestrians, and included an 8-lane cross-section and Reduced Conflict Intersection (RCI) that would make bicycle and pedestrian crossing hazardous. The sole interchange proposed for the I-40/US 15-501 quadrant was viewed as providing inadequate access to the Patterson Place and New Hope Commons developments, and as making bicycle and pedestrian movement hazardous between the developments.

The consultant will review segment 1 (i.e., Chapel Hill) and the I-40/US 15-501 quadrant area because these two areas need further public input, technical analysis, and development to create a Corridor Study that can be adopted. Segments 2, 3, and 4 will also require review and further development, but the level of effort in these segments is not expected to be as high as segment 1 and the I-40/US 15-501 quadrant area.

The consultant will conduct an informational meeting with the Project Steering Committee to identify and understand the unresolved issues in the draft Corridor Study report, conceptual design, and process. The Project Steering Committee is composed of staff from the DCHC MPO, Town of Chapel Hill, City of Durham, Durham County, GoTriangle, GoDurham, and NCDOT who were involved in the US 15-501 Corridor Study.

### Product

- DCHC MPO will produce: A compilation of the comments received on the draft US 15-501 Corridor Study and staff responses to the comments, which identifies

the unresolved issues. The draft report, summary report, and conceptual design in original software format; and, any demographic or travel data (e.g., counts and crashes) requested by the consultant

## Conduct Issues Meeting with Stakeholders

The consultant will conduct one meeting with three different stakeholder groups to identify and understand the issues that stakeholders have with the draft Corridor Study. The stakeholder groups will be: segment 1 (i.e., Chapel Hill segment); I-40/US 15-501 quadrant area; and, segments 2, 3 and 4. There are three stakeholder groups because the issues and membership of each group is expected to be fairly distinct. If needed, the meetings will be virtual (i.e., online). The consultant will prepare any materials for the meeting, design the meeting format, and conduct the meeting. DCHC MPO staff will provide administration and coordination, including: identify and notify potential stakeholders; prepare the attendee list for each stakeholder group; and, obtain the meeting site if there is an in-person meeting.

### Product

- Consultant will produce: Summary of issues in draft US 15-501 Corridor Study for each stakeholder group that might include maps and conceptual designs
- DCHC MPO will produce: Attendee list, meeting site, Web site and social media support

## Conduct Solutions Meeting with Stakeholders

The consultant will conduct one meeting with each stakeholder group to identify proposed solutions to the unmet transportation needs and issues that were identified in the previous issues meeting. The consultant will identify the best meeting format and preferred format of the meetings' output materials for each of the stakeholder groups based on the issues to be addressed and the level of technical detail needed to update the draft US 15-501 Corridor Study. The consultant will prepare materials for the meeting and produce the output materials. DCHC MPO staff will provide administration of the stakeholder groups, meeting support (e.g., documenting participant input), and, the meeting site if there is an in-person meeting.

The Durham County and Orange County transit plans are expected to be drafted or approved in the April-to-June 2021 period. The consultant will need to incorporate transit services, facilities and infrastructure from those plans into the US 15-501 Corridor Study. The staff from the DCHC MPO and its partner agencies will assist with this coordination.

The product will be.

## Product

- Consultant will produce: text, maps, conceptual designs, drawings, or any output material that that is needed to convey the ideas of the stakeholder group
- DCHC MPO will produce: Attendee list, meeting site; Durham County and Orange County transit plans (in draft or final form), Web site and social media support

## Develop Draft Plan

The consultant will develop a draft conceptual design for segment 1, the I-40/US 15-501 quadrant area, and segments 2, 3, and 4 based on information from the stakeholder meetings. The DCHC MPO staff will update the summary report and full report. The consultant will present the draft conceptual design to the Project Steering Committee (PSC), the DCHC MPO Technical Committee, and finally to the DCHC MPO Board to be released for public comment. DCHC MPO staff will arrange the meetings and any electronic document distribution.

## Product

- Consultant will produce: Draft conceptual design for segment 1, the I-40/US 15-501 quadrant area, and segment 2, 3, and 4; and, meeting presentation materials
- DCHC MPO will produce: Meetings, document distribution, and Web site and social medial support

## Public Engagement

The consultant will develop the format and materials for a public engagement activity and conduct the engagement activity to get feedback on the conceptual design, summary report, and full report. The consultant will gather and organize the feedback. The DCHC MPO staff will administer the meeting, including: conduct public and social media notification; acquire an in-person meeting site (if the meeting is not virtual); and, document the public input.

It is expected that an in-person activity can be a single event for all three areas (i.e., segment 1, the I-40/US 15-501 quadrant area, and segments 2, 3, and 4). However, a virtual meeting will need to be divided into a separate meeting for the three areas.

## Product

- Consultant will produce: Materials for a public engagement activity, and document the public engagement input
- DCHC MPO will produce: Public and social media notification, in-person meeting facility, and Web site support

## Final Document

The consultant will incorporate the solutions into the final US 15-501 Corridor Study conceptual design. The DCHC MPO staff will make the final changes to the summary report and full report. The consultant will present the final US 15-501 Corridor Study to the DCHC MPO Board for approval.

### Product

- Consultant will produce: Conceptual design for final US 15-501 Corridor Study
- DCHC MPO will produce: Summary report and final report for US 15-501 Corridor Study, and Web site support



*Chatham County  
Durham County  
Orange County  
Town of Carrboro  
Town of Chapel Hill  
City of Durham  
Town of Hillsborough*

## Amendment #3

# Durham-Chapel Hill-Carrboro Metropolitan Planning Organization

Comprehensive Transportation Plan  
February 24, 2021

### Amendment #3

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) hereby amends the Comprehensive Transportation Plan (CTP) to add, delete, and modify highway, public transportation, bicycle, and multi-use path projects as detailed in this document.

### Proposed Changes

Amendment #3 consolidates several types of projects that require changes to the CTP. The table below indicates the starting page number for a summary, project table, and maps for each CTP mode.

Mode	Document	Page
Highway	Summary	3
	Table	4
	Maps	8
Interchange/Grade Separations	Summary	15
	Table	16
	Maps	17
Sidepaths (Complete Streets)	Summary	18
	Table	19
	Maps	26
Rail, Fixed-Guideway and Bus Rapid Transit	Summary	33
	Table	34
	Maps	35
Public Transportation (Operational Strategies)	Summary	36
	Table	37
	Maps	Not Available
Bicycle and Pedestrian	Summary	38
	Table	39
	Maps	Not Available
Multiuse Paths	Summary	41
	Table	42
	Maps	Not Available

### Public Involvement

Schedule -- The MPO's public involvement policy requires that a major amendment to the CTP be released for public input for a minimum of 42 days. The schedule for Amendment #3 will be:


- Month #1 -- DCHC MPO Board release amendment #3 for public input.
- Month #2 -- DCHC MPO Board conduct a public hearing on Amendment #3.

- Month #2.5 – Public involvement period ended.
- Month #3 – DCHC MPO Board can adopt Amendment #3.
- Month #4 – North Carolina Board of Transportation can adopt Amendment #3

Notification -- The MPO will post Amendment #3 to the MPO Web site and work with the jurisdictions and counties within the MPO to publish public affair notices. All notices will be in both English and Spanish. The MPO will push the Amendment notice through its social media channels and the MPO contact email database.



## —Highway—

The table on the next page identifies updates, deletions and additions to the CTP Highway table, and is broken out by highway type, e.g., interstate, U.S. highways. ~~Strikethrough~~ font depicts text that is to be deleted, and **bold** font is text that is to be added. A series of maps that cover the DCHC MPO planning area follows the table. A bright green shadow, , indicates which highways on the map are to be amended.

A summary of the reasons for the proposed highway updates includes:

- New Roadway Needs – Some new roadway needs have been identified since the adoption of the CTP. Examples of these needs include modernization of rural roadways in Orange County and a more direct connection between US 15-501 bypass and Cole Mill Road.
- New and Discontinued Local Plans – The roadway network of the recently approved Efland-Buckhorn-Mebane Access Management Plan needs to be integrated into the CTP. Roadway improvements that were based on the discontinued Durham-Orange Light Rail Transit plan can be deleted from the CTP.
- New Development Impacts – Modifications are needed to the CTP roadway network between US 70 and NC 98 in Durham County based on new developments and site plans.

Highway																	
ID	Facility	Segment		Jurisdiction		2015 Existing System					2040 Proposed System				CTP Class		Problem Statement
		From	To		Dist. (mi)	Lanes	ROW	Width	Existing Capacity (vpd)	2011 Volume	2040 Volume E+C	2040 V/C	Status	Cross-Section			
Interstates																	
There are no interstate amendments																	
U.S. Highways																	
U-5304 D	US 15-501 (Fordham Blvd)	E Franklin St.	Raleigh Rd. (NC 54)	CH	2.1	4	-	-	36,600	28,000	37,100	1.01	NI	<del>6F</del> 4G	Blvd		Full
U-5304 F	US 15-501 (Fordham Blvd)	E Franklin St.	I-40	CH	1.6	4	130-490	44-115	36,600	41,000	46,700	1.28	NI	<del>4G</del> 6F	Blvd		Full
U-5304 B	US 15-501/NC 54 (Fordham Blvd)	Manning Dr.	US 15-501	CH	1.2	4	-	-	36,600	41,000	43,500	1.19	NI	<del>6F</del> 4G	Blvd		Full
U-5304 B	US 15-501/NC 54 (Fordham Blvd)	Manning Dr.	Raleigh Rd. (NC 54)	CH	0.9	4	-	-	36,600	51,000	57,800	1.58	NI	<del>6F</del> 4G	Blvd		Full
--	US 70	Efland Cedar Grove Rd	MPO Boundary	OR	2.6	2	60	22	12,400	6,700	11,200	0.90	<del>Ex</del> NI	<del>ADQ</del> 3C	Maj		None
--	US 70	Efland Cedar Grove Rd	I-85/US 70 Connector	OR	1.4	2	60-150	22-46	12,400	4,400	9,200	0.74	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		None
--	<del>US 70</del> / US 70 BUS	NC 751	<del>Pleasant Green Rd</del> Groucho Rd	OR	0.6	2	150	22	29,700	6,800	17,400	0.59	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		None
--	US 70 / US 70 BUS	<del>NC 751</del> Groucho Rd	Pleasant Green Rd	OR	1.0	2	150	22	29,700	6,800	17,400	0.59	Ex	ADQ	Maj		None
--	US 70A	Lawrence Rd	US 70	OR	1.1	2	60	22	12,400	2,500	4,800	0.39	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		None
--	US 70A	Lawrence Rd	Elizabeth Brady Rd	OR, Hboro	1.2	2	60	22	12,400	6,700	13,800	1.12	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		UAD
--	US 70A/NC 86	Elizabeth Brady Rd	S Churton St	OR, Hboro	0.8	2	100	22	12,400	9,200	12,100	0.98	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		None
NC Routes																	
--	NC 54	<del>Old Fayetteville Rd</del> <b>W Main St</b>	Jones Ferry Rd	Carr	0.9	4	150	48	36,600	24,000	36,400	0.99	Ex	ADQ	Blvd		None
--	NC 54	Old Fayetteville Rd	Jones Ferry Rd <b>W Main St</b>	Carr	0.3	4	150	48	36,600	24,000	36,400	0.99	NI	ADQ	Blvd		None
--	NC 86	I-40	Whitfield Rd	OR	0.1	4	60-100	64-72	36,600	-	16,700	0.46	<del>Ex</del> NI	<del>ADQ</del> 4G	Maj		None
--	NC 86	Whitfield Rd	New Hope Church Rd.	OR	3.5	2	60	22	14,600	6,400	17,700	1.21	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		UAD
--	NC 86	New Hope Church Rd.	OLD NC 10	OR	2.7	3	100	24	12,400	10,000	29,700	2.40	<del>Ex</del> NI	<del>ADQ</del> 2A	Maj		UAD
Secondary and Local Roads																	

Highway																
ID	Facility	Segment		Jurisdiction		2015 Existing System					2040 Proposed System				CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	ROW	Width	Existing Capacity (vpd)	2011 Volume	2040 Volume E+C	2040 V/C	Status	Cross-Section		
	ACC Boulevard Ext	Angier Av Ext	Leesville Rd	Dur, DurCity	0.7	0	-	-	-	-	-	0.00	Rec	3C	Min	None
	ACC Boulevard Ext	Leesville Rd	Northern Durham Parkway	Dur, DurCity	0.8	0	-	-	-	-	-	0.00	Rec	3C	Min	None
DURH0018-H	Angier Ave Extension	US 70	Northern Durham Parkway	DurCity	0.8	0	-	-	-	-	-	0.00	Rec	2E 2J	Min	None
--	Becketts Ridge/Millstone/Oakdale	Old NC 86	<del>New connector over I-85</del> NC 86	Hboro	1.7	2	-	-	-	-	-	0.00	Ex	ADQ	Min	None
DURH0020-H	Brier Creek Pkwy Extension	T.W. Alexander Dr	Andrews Chapel Rd	Dur	0.4	0	-	-	-	-	-	0.00	Rec Ex	3B ADQ	Min	None
DURH0020-H	<del>Brier Creek Pkwy Extension</del> Andrews Chapel Rd	<del>Andrews Chapel Rd</del> Brier Creek Pkwy	Leesville Rd	Dur	0.5	4	-	20	-	-	-	0.00	NI	3A	Min	None
DURH0021-H	Briggs Av (Extension)	Riddle Rd	Ed Cook Rd	DurCity	0.7	0	-	-	-	-	-	0.00	Rec	2J	Min	None
	Bowhall Dr	Fendol Farm Rd	Olive Branch Rd	DurCity	0.8	0	-	-	-	-	-	0.00	Rec	3C	Min	None
	Cole Mill Rd Extension	Cole Mill Rd	NC 147	DurCity	0.3	4	110						Rec	4D	Blvd	None
--	Dairyland Rd.	Dodsons Crossroads	Old NC 86	OR	5.0	2	-	20-21	12,400	5,500	8,000	0.65	Ex NI	ADQ-2B	Min	None
	Del Webb Arbors Dr	Leesville Rd	Wake County line	DurCity	1.4	3	-	-	-	-	-	0.00	Ex	ADQ	Min	None
--	Efland Cedar Grove Rd	Brookhollow Rd	US 70	OR	2.7	2	-	-	12,400	3,100	5,100	0.41	Ex NI	ADQ-2A	Min	None
U-3436	Eno Mtn Rd realignment	Eno Mountain Rd	Mayo St	OR	0.3	0	-	-	-	-	-	0.00	Rec	2A 2E	Min	Min
TE-5205	Erwin Rd	Cameron Blvd	Lasalle St	DurCity	0.8	4	90	55	26,000	18,000	21,500	0.83	NI Ex	4D	Blvd	None
TE-5205	Erwin Rd	Fulton St	Lasalle St	DurCity	0.5	5	100	55-60	28,100	24,000	27,800	0.99	NI Ex	4D	Blvd	None
TE-5205	Erwin Rd.	Anderson St	Fulton St	DurCity	0.4	4	100	60-75	26,000	14,000	16,700	0.64	NI Ex	4D	Blvd	None
ORAN0107-H	Erwin Rd.	Sage Rd	Whitfield Rd Dry Creek Rd	CH, OR	1.0	2	60-100	18-23	12,900	7,600	16,000	1.24	NI	2E	Min	Min
ORAN0107-H?	Erwin Rd.	<del>Sage Rd</del> Dry Creek Rd	Whitfield Rd	CH, OR	0.9	2	60-100	18-23	12,900	7,600	16,000	1.24	NI	2E	Min	Min
MTP-17.1	Estes Dr Ext	<del>N Greensboro Rd</del> Railroad crossing	Seawell School Road	CH	0.5	2	-	-	11,600	13,000	17,500	1.51	NI	2E	Min	Min
MTP-17.1	Estes Dr Ext	N Greensboro St	<del>Seawell School Road</del> Railroad crossing	Carr	0.4	2	-	-	11,600	13,000	17,500	1.51	NI	2E	Min	Min
	Fendol Farm Pkwy	Leesville Rd	Bowhall Dr	DurCity	0.7	3	-	-	-	-	-	0.00	Ex	ADQ	Min	None
ORAN0108-H	Freeland Memorial Dr Extension	S Churton St	<del>New Collector Rd</del> Valley Forge Rd	Hboro	0.7	0	-	-	-	-	-	0.00	Rec	2E	Min	None

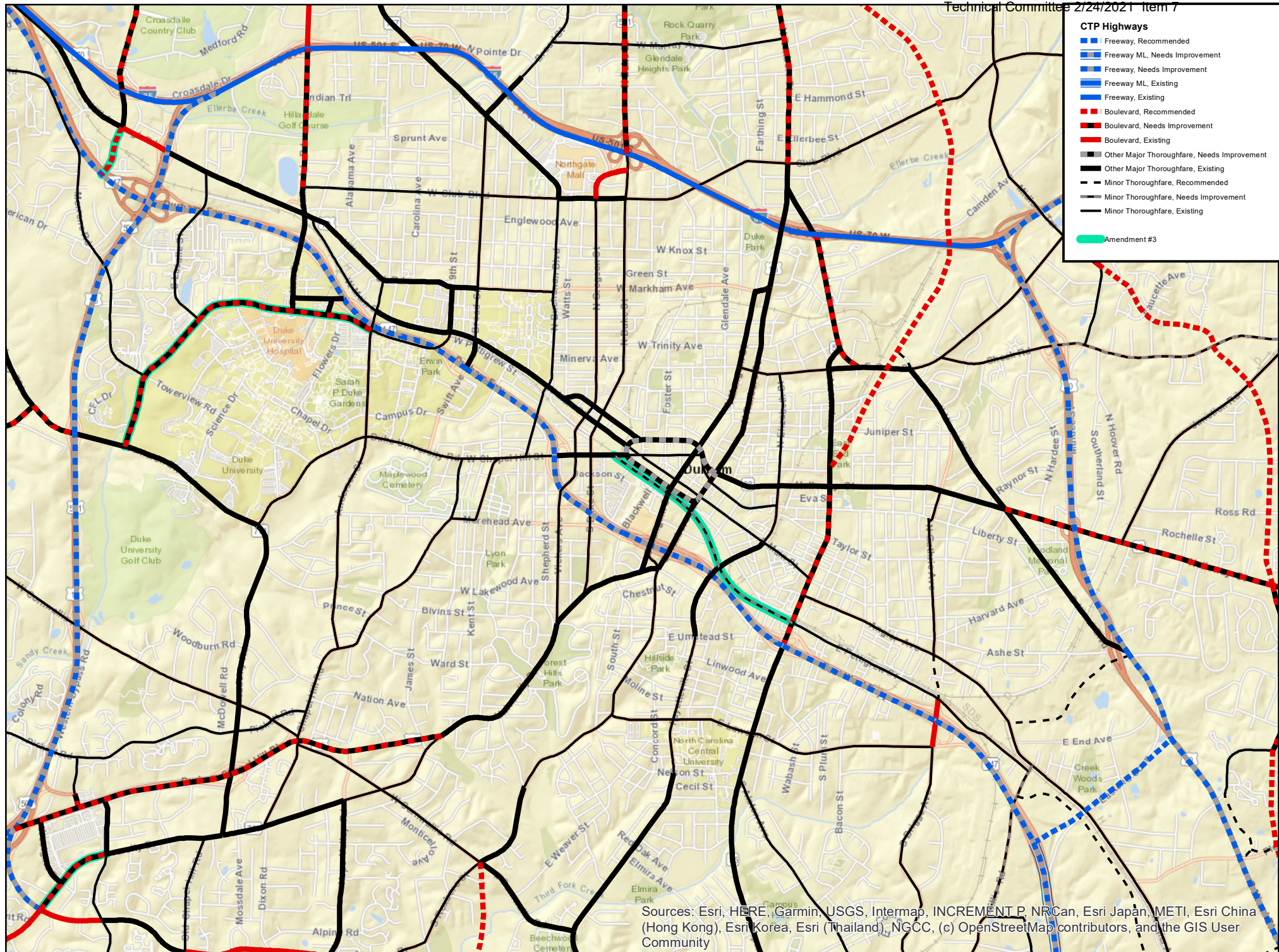
Highway																
ID	Facility	Segment		Jurisdiction	Dist. (mi)	2015 Existing System					2040 Proposed System				CTP Class	Problem Statement
		From	To			Lanes	ROW	Width	Existing Capacity (vpd)	2011 Volume	2040 Volume E+C	2040 V/C	Status	Cross-Section		
DURH0045-H	Hopson Rd Extension	NC 55	Grandale Dr	Dur	1.4	0 -	-	-	-	-	-	0.00	Rec	2E	Blvd	None
	<b>Kemp Rd</b>	<b>NC 98</b>	<b>Carpenter Pond Rd</b>	<b>Dur</b>	<b>3.2</b>	<b>2 -</b>	-	-	-	-	-	<b>0.00</b>	<b>NI</b>	<b>2E</b>	<b>Min</b>	<b>None</b>
--	King St. (East)	N Churton St	<del>US 70 Bypass</del> <b>N. Cameron St</b>	Hboro	0.2	2 -	-	-	11,600	3,500	7,000	0.61	Ex	ADQ	Min	None
MTP-53	Leesville Rd realignment	US 70	Leesville Rd	Dur	0.4	0 -	-	-	-	-	-	0.00	Rec	2A	Min	None
ORAN0116-H	Mt. Willing Rd	I-40/85	US 70	OR	0.7	2 -	-	-	11,600	6,600	8,900	0.76	NI	<del>2E</del> <b>4G</b>	Min	None
	New Collector Rd (east-west; Orange County EBM AMP)	Buckhorn Rd	Mt Willing Rd	OR	3.3	2							Rec	2E	Min	None
	New Collector Rd (north-south; Orange County EBM AMP)	Buckhorn Rd	Mt Willing Rd	OR	0.4	2							Rec	2E	Min	None
--	New Hope Church Rd.	NC 86	Old NC 10	OR	1.9	2 -	-	-	12,400	3,400	9,600	0.77	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2B</b>	Min	None
--	New Hope Church Rd.	I-40	NC 86	OR	0.7	2 -	-	-	12,400	1,900	6,900	0.56	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2A</b>	Min	None
	Oakdale Dr	Old NC 86	Orange Grove Rd.	OR, Hboro	1.1	2 -	-	-	12,400	3,800	11,500	0.93	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2E</b>	Min	None
--	Old Greensboro Rd.	Jones Ferry Rd	MPO Boundary	OR	2.7	2 -	-	-	12,400	4,600	6,500	0.53	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2B</b>	Min	None
	<b>Olive Branch Rd</b>	<b>Carpenter Pond Rd</b>	<b>Olive Branch Rd Extension</b>	<b>DurCity</b>	<b>0.5</b>	<b>0 -</b>	-	-	-	-	-	<b>0.00</b>	<b>NI</b>	<b>2E</b>	<b>Min</b>	<b>None</b>
	<b>Olive Branch Rd Extension</b>	<b>Olive Branch Rd</b>	<b>Shady Grove/N Exeter Way</b>	<b>DurCity</b>	<b>0.2</b>	<b>0 -</b>	-	-	-	-	-	<b>0.00</b>	<b>Rec</b>	<b>2E</b>	<b>Min</b>	<b>None</b>
U-5848	Orange Grove Connector	Orange Grove Rd	<del>US 70 Bus</del> <b>New collector street</b>	OR, Hboro	0.2	0 -	-	-	-	-	-	0.00	Rec	4G	Blvd	Min
--	Orange Grove Rd	Oakdale Dr	Dimmocks Mill Rd	OR	1.8	2 -	-	-	12,400	3,586	7,800	0.63	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2A</b>	Min	None
--	Orange Grove Rd	Oakdale Dr	S Churton St	OR, Hboro	1.5	2 -	-	-	11,600	3,200	9,100	0.79	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2E</b>	Min	None
TE-5205	Pettigrew St (East)	S Dillard St	S Alston Ave	DurCity	0.7	2	40-55	-	-	-	-	0.00	<del>NI</del> Ex	<del>(2)</del> ADQ	Min	None
TE-5205	Pettigrew St (West)	W Chapel Hill St	S Dillard St	DurCity	0.7	2	47-55	27-40	-	-	-	0.00	<del>NI</del> Ex	<del>(2)</del> ADQ	Min	None
--	St Marys Rd	Guess Rd	Pleasant Green Rd	OR	3.3	2 -	-	-	12,400	2,900	6,900	0.55	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2A</b>	Min	None
--	St Marys Rd	Pleasant Green Rd	US 70 Bypass	OR	5.1	2 -	-	-	12,400	2,400	6,000	0.48	<del>Ex</del> <b>NI</b>	<del>ADQ</del> <b>2A</b>	Min	None
	St. Marys Rd	N. Cameron St	Thomas Ruffin St	Hboro	0.2	2 -	-	-	11,600	3,500	7,000	0.61	NI	2E	Min	None
	St. Marys Rd	Thomas Ruffin St	US 70 Bypass	Hboro	0.9	2 -	-	-	11,600	3,500	7,000	0.61	NI	2B	Min	None
DURH0024-H	<del>Carpenter Pond Rd Ext</del> Shady Grove Rd	Leesville Rd	Carpenter Pond Rd	Dur	0.7	2 -	-	-	-	-	-	0.00	NI	2E	Min	None

Highway																
ID	Facility	Segment		Jurisdiction		2015 Existing System					2040 Proposed System				CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	ROW	Width	Existing Capacity (vpd)	2011 Volume	2040 Volume E+C	2040 V/C	Status	Cross-Section		
DURH0072-H	University Dr	MLK Jr Pkwy	Shannon Rd	DurCity	0.5	4	-	-	26,000	17,000	23,800	0.92	Ex	4D	Blvd	None
	W Ten Rd	Buckhorn Rd	US 70 Connector	OR	4.2	2							Ex	3c	Min	None
DURH0035-H	Ellis-Glover Connector	Ellis Rd	Glover	Dur	1.3	0	-	-				0.00	Rec	2E	Min	None



# CTP Highways -- Amendment #3 -- Central Durham

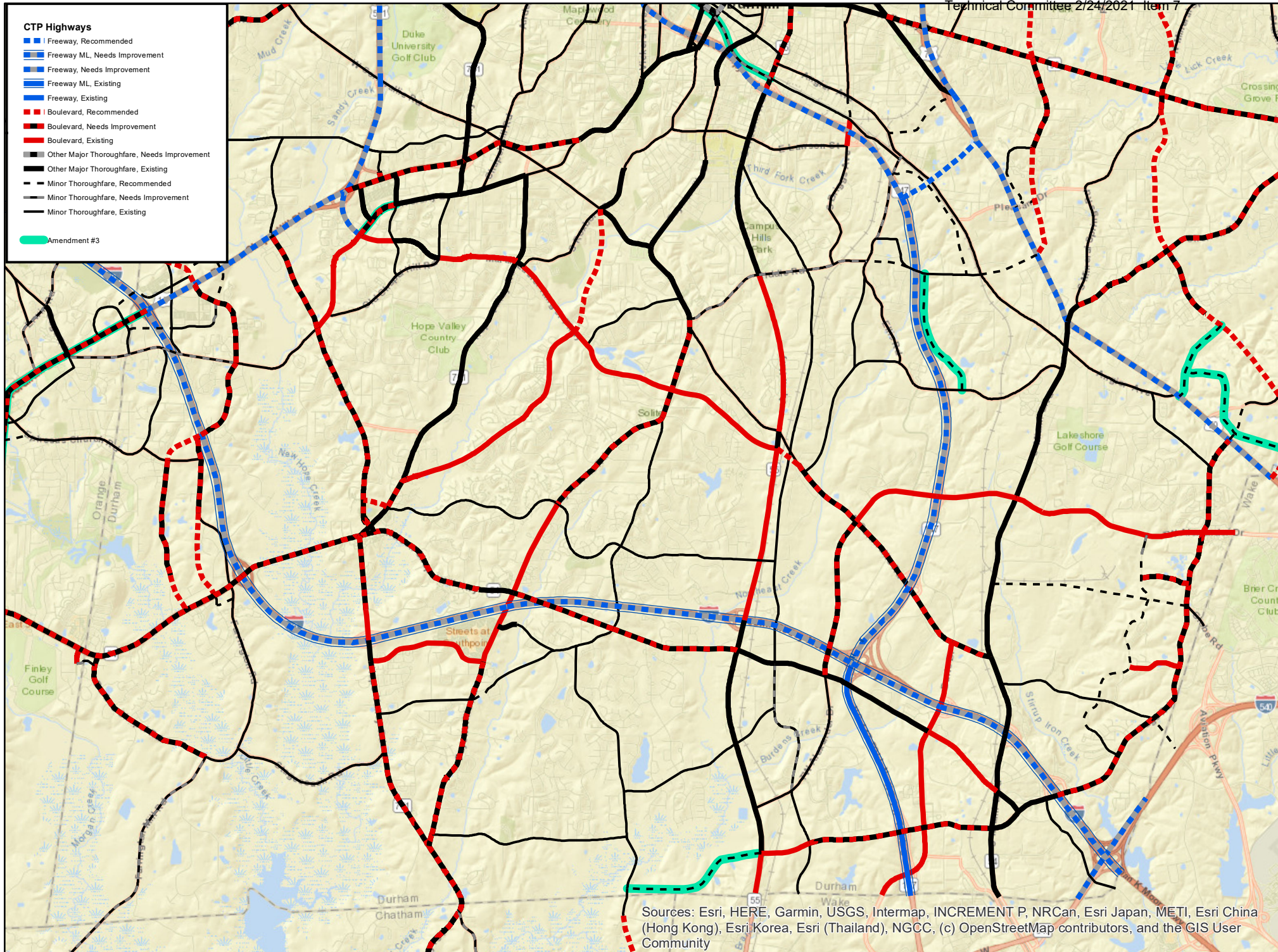
Technical Committee 2/24/2021 Item 7





# CTP Highways -- Amendment #3 -- South Durham

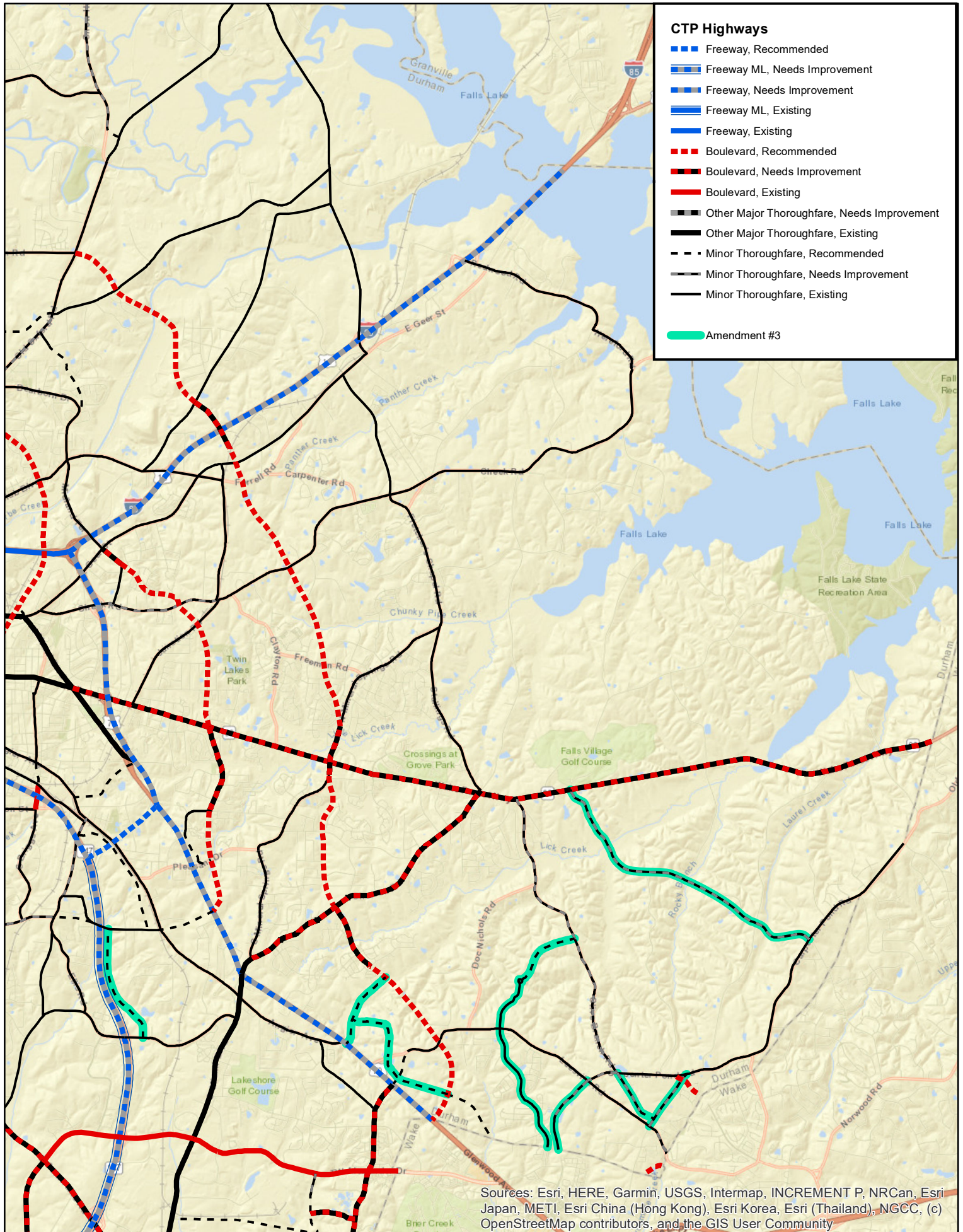
Technical Committee 2/24/2021 Item 7





# CTP Highways -- Amendment #3 -- East Durham

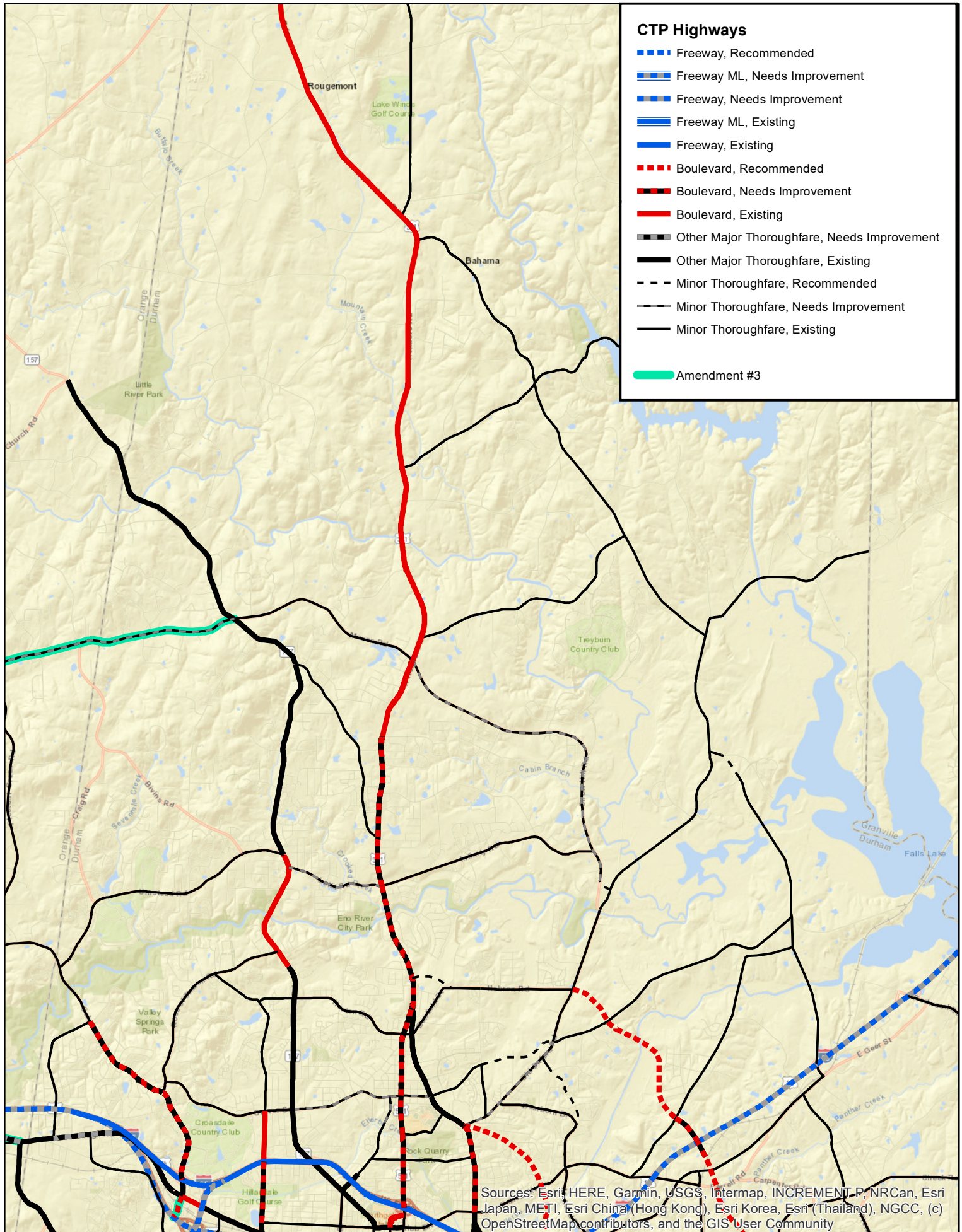
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# CTP Highways -- Amendment #3 -- North Durham

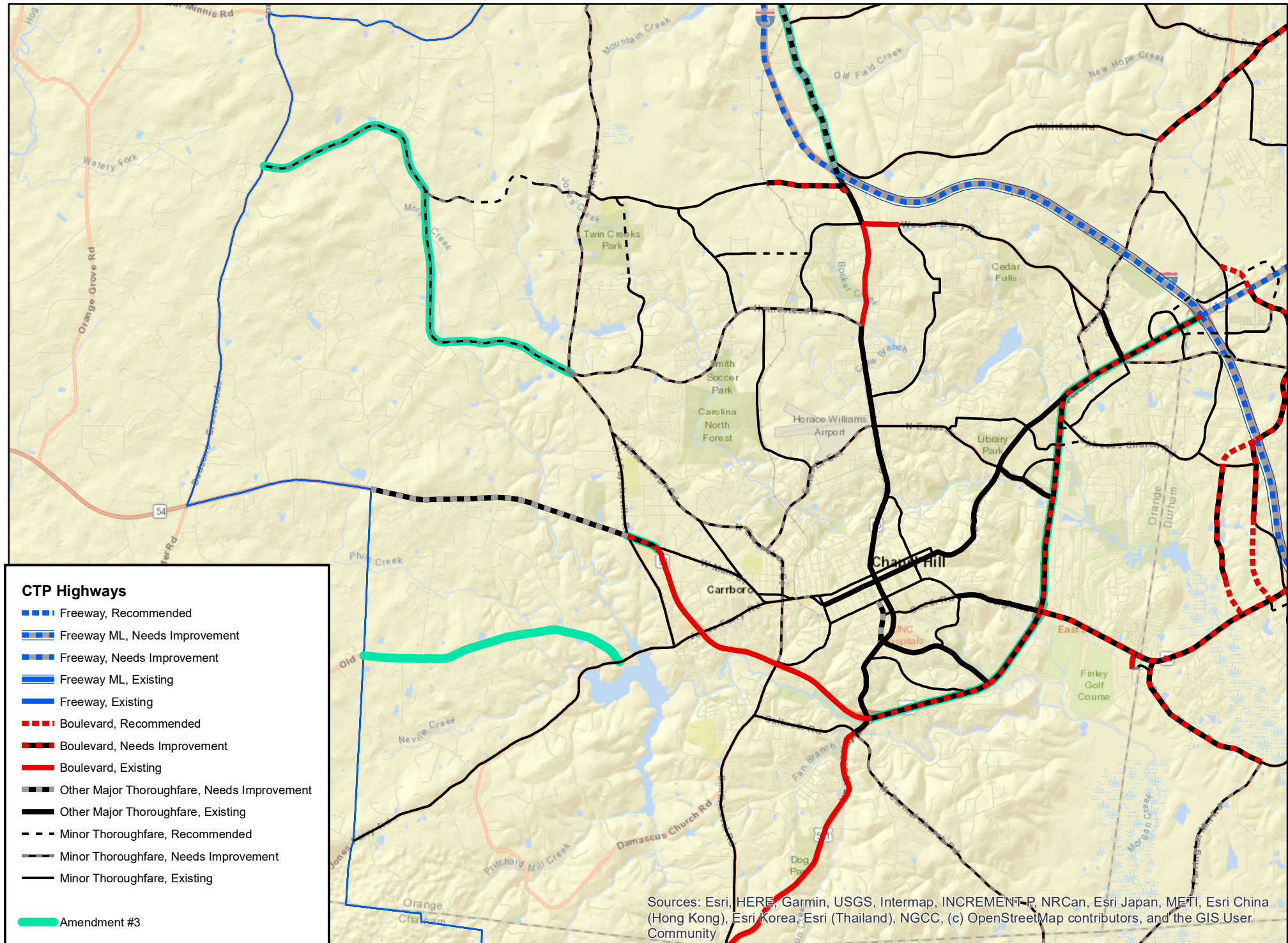
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# CTP Highways -- Amendment #3 -- Orange County (South)

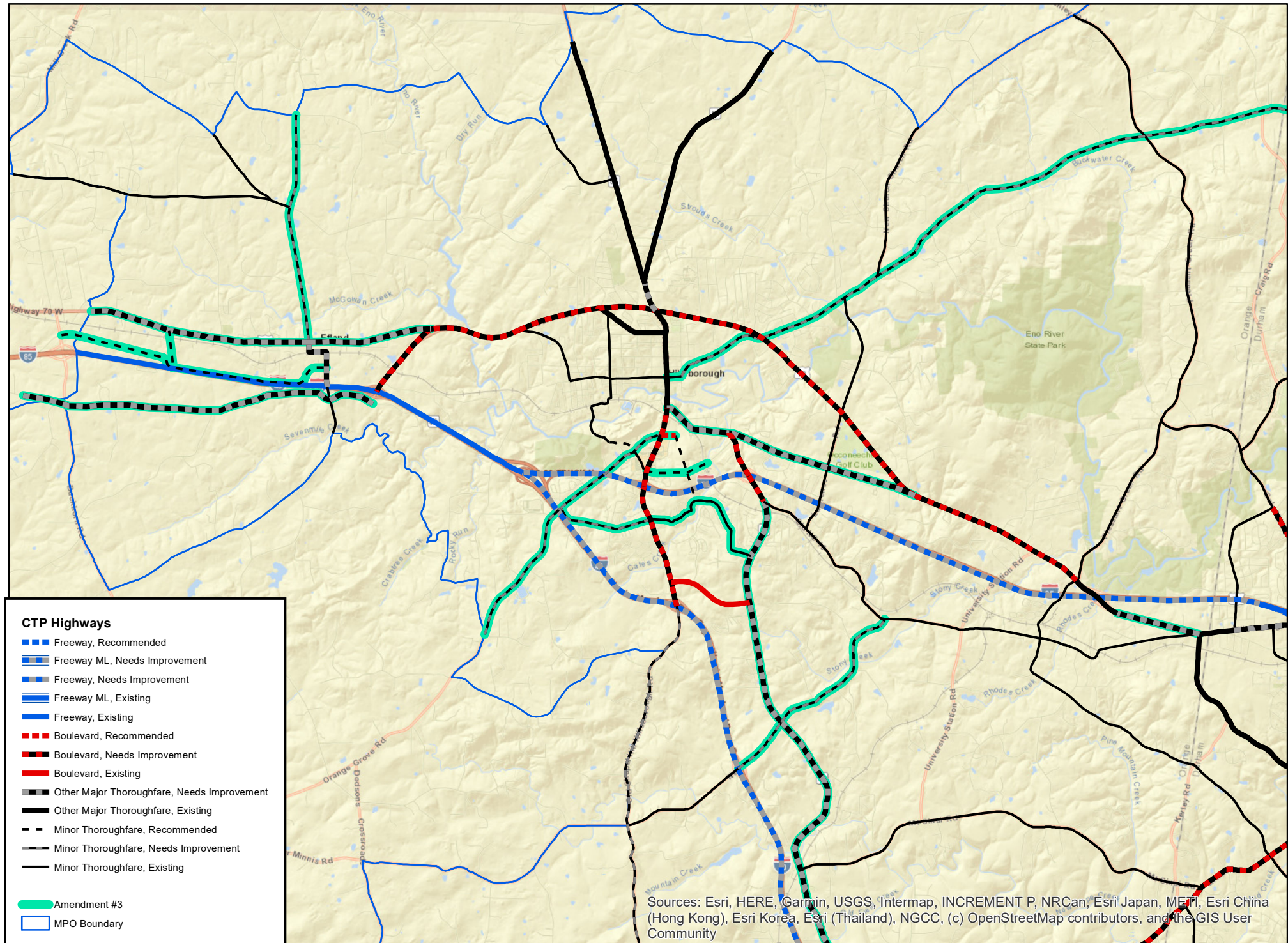
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# CTP Highways -- Amendment #3 -- Orange County (North)

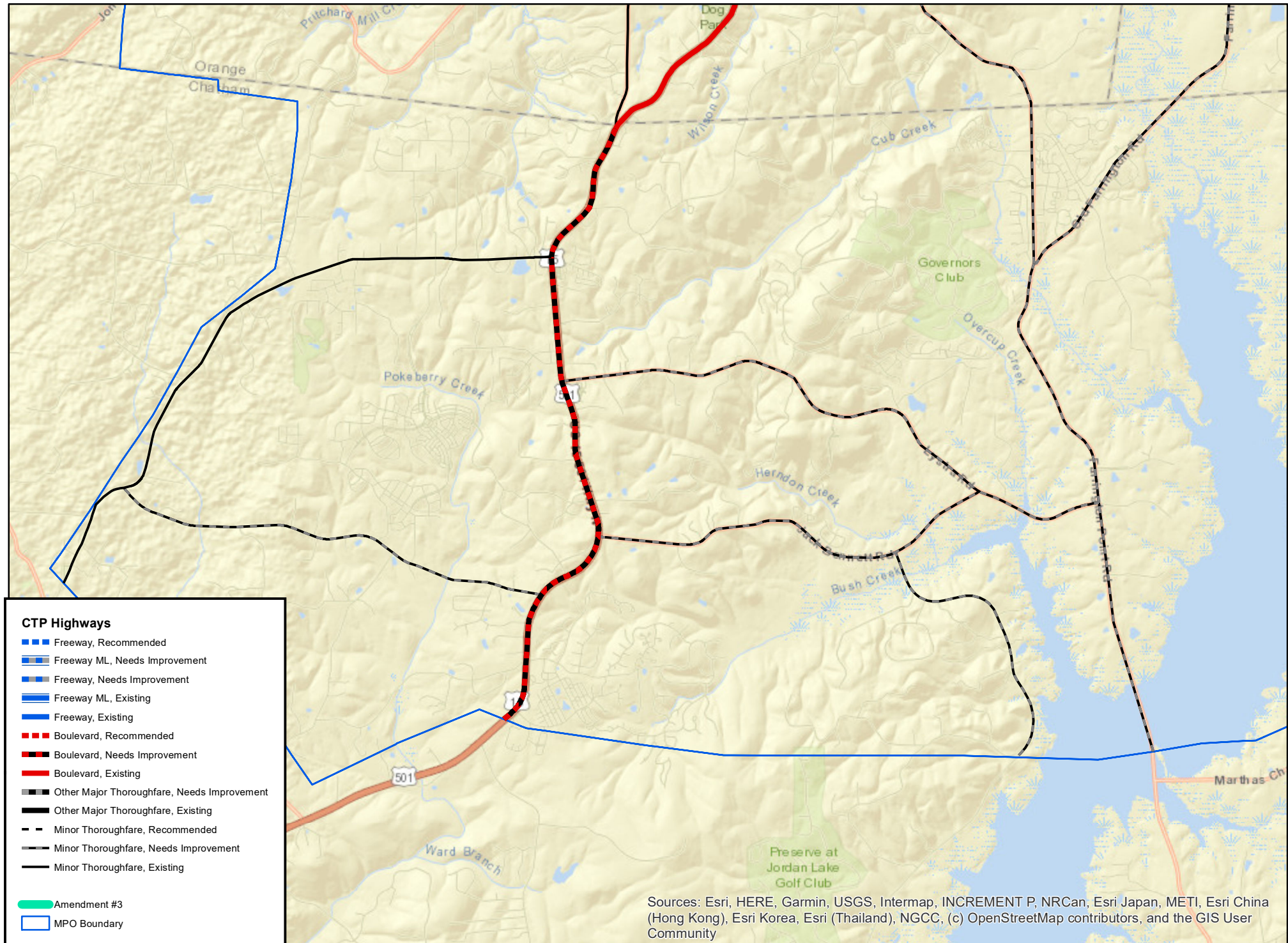
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# CTP Highways -- Amendment #3 -- Chatham County

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## —Interchange and Grade Separations—










The table on the next page identifies two interchanges to be added to the CTP Interchange table. A map on the subsequent page shows the location of those interchanges, depicted as a bright green ball,  . These interchanges are being evaluated as alternatives in long- and mid-term plans.


HIGHWAY -- INTERCHANGES AND GRADE SEPARATIONS					
ID	Facility	Type	Status	Juris	Comments
<b>Interstates</b>					
There are not any interstate interchange or grade separation projects.					
<b>US Highways</b>					
There are not any US Highway interchange or grade separation projects.					
<b>NC Routes</b>					
--	NC 147/Cole Mill Rd Extension	Int	Rec	DurCity	Connect US 15-501 Bypass and NC 147 to Cole Mill Rd
	NC 54/Southwest Durham Drive	Int	Rec	DurCity	Connect NC 54 and Southwest Durham Drive
<b>Secondary and Local Roads</b>					
There are not any secondary or local road interchange or grade separation projects.					

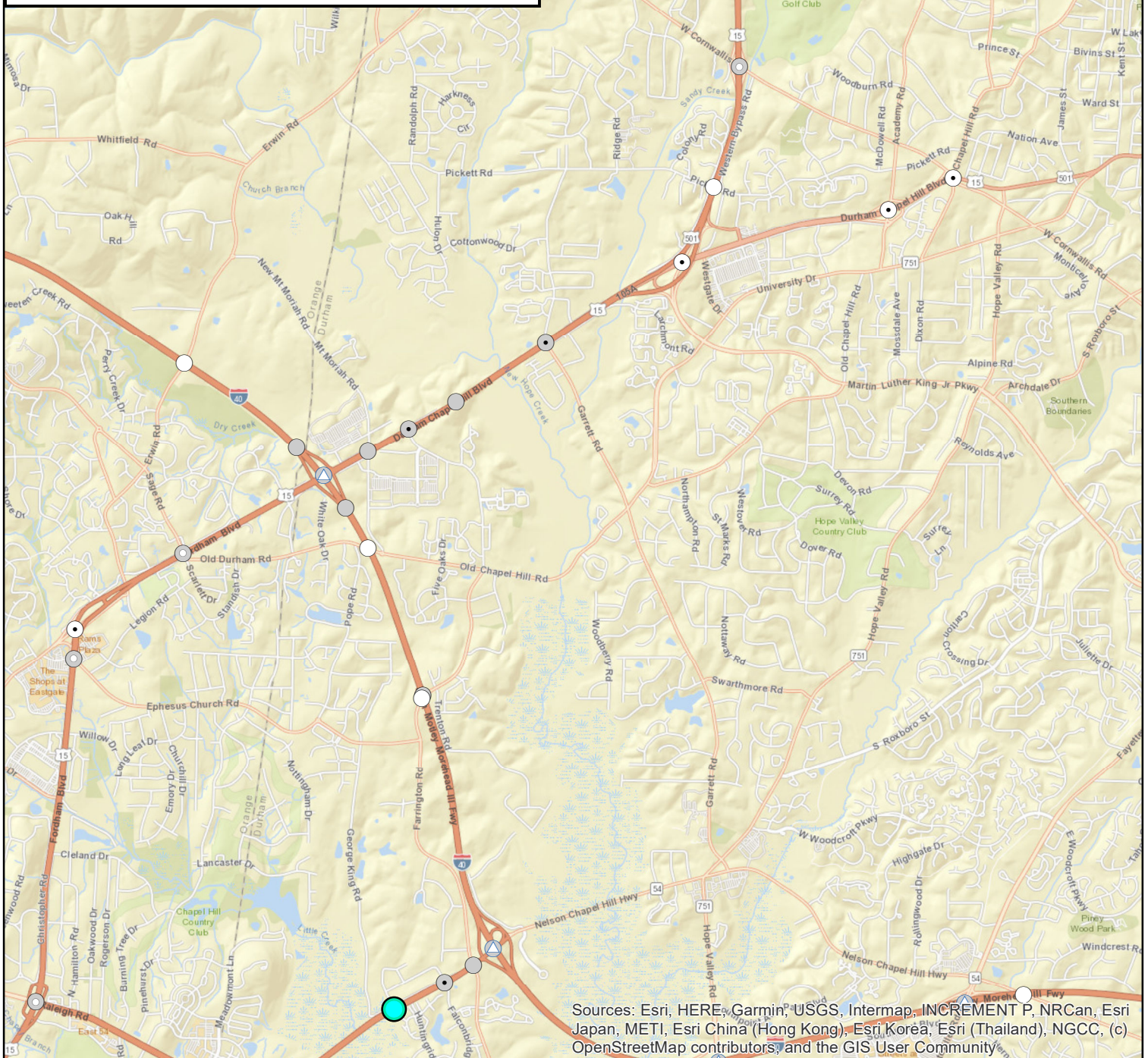


# CTP Interchanges & Grade Separations -- Amendment #3

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-  Interchange-ML, Recommended
-  Interchange-Intersection-ML, Needs Improvement
-  Interchange-Intersection ML, Existing
-  Interchange-Intersection, Recommended
-  Interchange-Intersection, Needs Improvement
-  Interchange-Intersection, Existing
-  Grade Separation, Recommended
-  Grade Separation, Needs Improvement
-  Grade Separation, Existing

 Amendment #3




Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

## —Sidepaths (Complete Streets)—

The North Carolina Department of Transportation (NCDOT) published Complete Streets implementation guidelines that support sidepaths along major roadways. The table on the following page identifies highway segments with a “needs improvement” or “recommended” (i.e., new roadway) status that are to include a bicycle/pedestrian sidepath as an integral part of the construction and budget. The DCHC MPO has already identified many of these highway segments for sidepaths in Amendment #2 to the Metropolitan Transportation Plan (MTP), which was adopted in November 2019.

The DCHC MPO has also identified other sidepaths that would connect to this network but these additional sidepaths are identified in the multiuse paths (MUP) table of CTP Amendment #3 because they are to be built along highways that are not designated for improvements. Note that a sidepath and multiuse path (MUP) are the same type of facility. For the sake of clarity, the CTP distinguishes a sidepath as part of a highway improvement project, and a MUP as a stand-alone bicycle/pedestrian project that in some cases might be constructed along a roadway that is not being improved.

Following the sidepath table, a series of maps that cover the DCHC MPO planning area show, using a bright purple shadow, , which highways and interchanges are to have a sidepath.

In addition to the table and maps, Amendment #3 will also reference the North Carolina Complete Streets policy and guidelines to ensure that the public understands that the DCHC MPO plans to enforce Complete Streets.



## Highway -- Sidepaths

ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
Interstates -- Sidepaths										
There are no sidepaths on interstates in Amendment #3										
U.S. Highways -- Sidepaths										
CHAT0101	US 15-501	Manns Chapel Rd.	MPO Boundary	Chat	3.8	4	NI	4F	Blvd	Full
CHAT0101	US 15-501	Smith Level Rd	Manns Chapel Rd	Chat	1.1	4	NI	4F	Blvd	Full
U-5304 D	US 15-501 (Fordham Blvd)	E Franklin St.	Raleigh Rd. (NC 54)	CH	2.1	4	NI	6F	Blvd	Full
U-5304 F	US 15-501 (Fordham Blvd)	E Franklin St.	I-40	CH	1.6	4	NI	4G	Blvd	Full
DURH0003	US 15-501 BUS (Durham Chapel Hill Blvd)	Academy Rd	US 15-501	DurCity	1.2	4	NI	4D	Blvd	None
DURH0003	US 15-501 BUS (Durham Chapel Hill Blvd)	Academy Rd	Chapel Hill Rd	DurCity	0.4	4	NI	4D	Blvd	None
DURH0003	US 15-501 BUS (Durham Chapel Hill Blvd)	Chapel Hill Rd	University Dr	DurCity	0.8	4	NI	4D	Blvd	None
U-5304 B	US 15-501/NC 54 (Fordham Blvd)	Manning Dr.	US 15-501	CH	1.2	4	NI	6F	Blvd	Full
U-5304 B	US 15-501/NC 54 (Fordham Blvd)	Manning Dr.	Raleigh Rd. (NC 54)	CH	0.9	4	NI	6F	Blvd	Full
DURH0005	US 501 (Duke St)	Stadium Dr	I-85	DurCity	0.9	5	NI	4GSS	Blvd	Min
DURH0005	US 501 (Duke St)	W Carver St	Stadium Dr	DurCity	0.5	5	NI	4GSS	Blvd	Min
DURH0005	US 501 (Duke St)	N Roxboro St	W Carver St	DurCity	1.1	5	NI	4GSS	Blvd	Min
MTP-92	US 501 (Roxboro Rd)	N Duke St	Infinity Rd	DurCity	1.6	5	NI	4GSS	Blvd	Min
MTP-92	US 501 (Roxboro Rd)	Infinity Rd	Milton Rd	DurCity	0.6	5	NI	4GSS	Blvd	Min
MTP-92	US 501 (Roxboro Rd)	Milton Rd	Sandlewood Dr	DurCity	1.2	4	NI	4GSS	Blvd	Min
DURH0006	US 501 BUS (Roxboro St - North)	Old Oxford Rd	E Club Blvd	DurCity	1.1	4	NI	4G	Blvd	None
--	US 70	Efland Cedar Grove Rd	MPO Boundary	OR	2.6	2	NI	3C	Maj	None
--	US 70	Efland Cedar Grove Rd	I-85/US 70 Connector	OR	1.4	2	NI	2A	Maj	None

## Highway -- Sidepaths

ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
ORAN0101	US 70	I-85/US 70 Connector	West Hill Ave N	OR	1.1	2	NI	4G	Blvd	Min
ORAN0101	US 70	N Churton St	West Hill Ave N	OR, Hboro	1.6	2	NI	4G	Blvd	Min
ORAN0101	US 70	N Churton St	US 70A	OR, Hboro	3.8	2	NI	4G	Blvd	Min
ORAN0102	US 70	Mt Hermon Church Rd	US 70A	OR	2.1	2	NI	4A	Blvd	Min
--	US 70 / US 70 BUS	NC 751	Groucho Rd	OR	1.0	2	NI	2A	Maj	None

## NC Routes -- Sidepaths

R-5821	NC 54	Old Fayetteville Rd	MPO Boundary	OR, Carr	2.6	2	NI	2A	Maj	Min
--	NC 54	W Main St	Jones Ferry Rd	Carr	?	4	Ex	ADQ	Blvd	None
--	NC 54	Old Fayetteville Rd	W Main St	Carr	?	4	Ex	ADQ	Blvd	None
U-5774 B	NC 54	Fordham Blvd	Burning Tree Dr	CH	0.5	6	NI	6E	Blvd	Full
U-5774 B	NC 54	Burning Tree Dr	Friday Center Dr	CH	0.5	6	NI	6E	Blvd	Full
U-5774 C	NC 54	I-40	Friday Center Dr	DurCity, Dur, C	1.8	4	NI	6ESS	Blvd	Full
U-5774 G	NC 54	I-40	NC 751	DurCity	1.2	2	NI	4D	Blvd	Full
U-5774 H	NC 54	NC 751	Rollingwood	DurCity	1.4	2	NI	4D	Blvd	Full
U-5774 I	NC 54	Barbee Road	Fayetteville Rd	DurCity	1.0	2	NI	4D	Blvd	Full
U-5774 J	NC 54	Barbee Road	NC 55	DurCity	1.3	2	NI	4D	Blvd	Full
--	NC 54	S Alston Ave	NC 55	DurCity	0.4	4	Ex	ADQ	Maj	UAD
--	NC 54	Davis Dr	S Alston Ave	DurCity, Dur	1.7	5	Ex	ADQ	Maj	UAD
--	NC 54	Davis Dr	S Miami Blvd	DurCity, Dur	0.9	4	Ex	ADQ	Blvd	None
--	NC 54 (Miami Blvd - South)	Hopson Rd.	Slater Rd	DurCity	0.4	4	Ex	ADQ	Maj	UAD
--	NC 54 (Miami Blvd - South)	Wake County Line	Page Rd	DurCity	0.7	4	Ex	ADQ	Maj	UAD
--	NC 55 (Avondale Dr)	I-85	N Roxboro St	DurCity	0.3	4	Ex	ADQ	Maj	None
CHAT0102	NC 751	Marthas Chapel Rd	O'Kelly Chapel Rd	Chat	5.4	2	NI	4E	Blvd	Min
MTP-77.3	NC 751	Fayetteville Rd	O'Kelly Chapel Rd	DurCity, Dur	0.7	2	NI	4D	Blvd	None
MTP-77.3	NC 751	Fayetteville Rd	Stagecoach Rd	DurCity, Dur	1.0	2	NI	4D	Blvd	None
MTP-77.3	NC 751	Renaissance Pkwy	Stagecoach Rd	DurCity, Dur	0.9	2	NI	4D	Blvd	None
MTP-77.2	NC 751	Southpoint Autopark Blvd	NC 54	DurCity	0.8	2	NI	4D	Blvd	None

## Highway -- Sidepaths

ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
ORAN0104	NC 86	I-85	OLD NC 10	OR, Hboro	0.3	2	NI	4D	Blvd	Min
ORAN0104	NC 86	I-85	US 70A	Hboro	0.6	2	NI	4D	Blvd	Min
ORAN0105	NC 86 N	NC 57	Cornelius St	OR, Hboro	0.3	2	NI	4D	Maj	Min
--	NC 86 N	Coleman Loop (N)	NC 57	OR	2.9	2	Ex	ADQ	Maj	None
DURH0014	NC 98 (Holloway St)	US 70 E	N Miami Blvd	DurCity	0.4	4	NI	4G	Blvd	Ref
DURH0014	NC 98 (Holloway St)	Junction Rd	US 70 E	DurCity	0.3	5	NI	4G	Blvd	Ref
DURH0014	NC 98 (Holloway St)	Junction Rd	Lynn Rd Ext	DurCity	0.8	4	NI	4G	Blvd	Min
DURH0014	NC 98 (Holloway St)	Lynn Rd Ext	S Mineral Springs Rd	DurCity, Dur	1.3	4	NI	4G	Blvd	Min
DURH0014	NC 98 (Wake Forest Hwy)	Nichols Farm Rd	S Mineral Springs Rd	DurCity, Dur	0.5	4	NI	4G	Blvd	Min
MTP-81.1	NC 98 (Wake Forest Hwy)	Wake County Line	Nichols Farm Rd	DurCity, Dur	6.0	2	NI	4D	Blvd	Min

## Secondary and Local Roads --Sidepaths

CHAT0103	Andrews Store Rd.	Manns Chapel Rd.	US 15-501	Chat	3.3	2	NI	2B	Min	None
DURH0018	Angier Ave Extension	US 70	Northern Durham Parkway	Dur	0.8	0	Rec	2E	Min	None
U-5845	Churton St (South)	I-85	US 70A	Hboro	1.0	2	NI	4D	Blvd	Min
--	Cole Mill Rd	Hillsborough Rd	I-85 N	DurCity	0.2	6	Ex	ADQ	Maj	None
DURH0030	Cole Mill Rd	I-85 N	Rose Of Sharon Rd	DurCity	1.2	4	NI	4D	Blvd	None
DURH0030	Cole Mill Rd	Rose Of Sharon Rd	Sparger Rd	DurCity	1.3	2	NI	4D	Blvd	None
DURH0033	Danziger Dr Ext bridge (I-40)	Mt Moriah Rd	E Lakeview Dr	DurCity, CH	0.4	0	Rec	3C	Min	None
ORAN0107	Erwin Rd.	Sage Rd	Dry Creek Rd	CH, OR	?	2	NI	2E	Min	Min
ORAN0107	Erwin Rd.	Dry Creek Rd	Whitfield Rd	CH, OR	?	2	NI	2E	Min	Min
MTP-17.1	Estes Dr Ext	Railroad Crossing	Seawell School Road	CH, Carr	?	2	NI	2E	Min	Min
MTP-17	Estes Dr Ext	MLK Jr Blvd	Seawell School Road	CH	0.8	2	NI	4G	Min	Min
DURH0039	Farrington Rd	Old Chapel Hill Rd	I-40	DurCity	0.8	2	NI	4D	Blvd	None
MTP-22.1	Fayetteville Rd	NC 751	Scott King Rd	DurCity, Dur	0.1	2	NI	4G	Blvd	None
MTP-22.1	Fayetteville Rd	Renaissance Pkwy	Scott King Rd	DurCity, Dur	1.8	2	NI	4G	Blvd	None
MTP-24.11	Garrett Rd	NC 751	Old Chapel Hill Rd	DurCity	2.1	2	NI	4D	Blvd	None
DURH0040	Garrett Rd	Durham Chapel Hill B	Old Chapel Hill Rd	DurCity	1.0	2	NI	4D	Blvd	None
DURH0041	Glover Rd Extension	US 70	Angier Av	DurCity	0.6	0	Rec	2E	Min	None

## Highway -- Sidepaths

ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
DURH0043	Hebron Rd Extension	Hebron Rd	N Roxboro/Wellington Dr	DurCity	0.5	0	Rec	2E	Min	None
DURH0044	Hillandale Rd	I-85	W Club Blvd	DurCity	0.7	2	NI	4G	Blvd	None
MTP-36	Homestead Rd	Rogers Rd	Old NC 86	OR, Carr	2.1	2	NI	2E	Min	Min
MTP-35	Homestead Rd	MLK Jr Blvd	Rogers Rd	CH, Carr	1.3	2	NI	2E	Min	Min
DURM0234	Hopson Rd.	Triangle Expressway	Louis Stephens Dr	DurCity, Dur	0.9	2	NI	4D	Blvd	None
MTP-202	Hopson Rd.	S Miami Blvd	Triangle Expressway	DurCity	0.9	2	NI	4D	Blvd	None
MTP-53	Leesville Rd realignment	US 70	Leesville Rd	Dur	0.8	0	Rec	2A	Min	None
DURH0049	Lynn Rd Extension	Lynn Rd	US 70	DurCity, Dur	1.1	0	Rec	2J	Blvd	None
ORAN0114	Marriot Way	Friday Center Dr	Marriot Way Extension	CH	0.1	2	NI	2E	Min	None
ORAN0114	Marriot Way Extension	Marriot Way	Barbee Chapel Rd	CH	0.1	0	Rec	2E	Min	None
MTP-242	Mt. Carmel Church Rd	Bennett Rd	US 15-501	CH	0.4	2	NI	4G	Min	None
ORAN0118	New Hope Commons Dr Ext	New Hope Commons Dr	Eastowne Dr	DurCity, CH	0.4	0	Rec	3C	Min	None
U-4721 AB	Northern Durham Parkway	US 70	Flat River Dr	DurCity, Dur	2.0	0	Rec	4G	Blvd	Full
U-4721 AB	Northern Durham Parkway	Flat River Dr	Sherron Rd	DurCity	0.7	2	NI	4G	Blvd	Full
U-4721 AB	Northern Durham Parkway	Sherron Rd	S Mineral Springs Rd	DurCity, Dur	1.4	0	Rec	4G	Blvd	Full
U-4721 AB	Northern Durham Parkway	S Mineral Springs Rd	NC 98	DurCity, Dur	0.1	4	NI	4G	Blvd	Full
U-4721 AC	Northern Durham Parkway	NC 98	N Mineral Springs Rd	DurCity, Dur	0.4	4	NI	4G	Blvd	Full
U-4721 AC	Northern Durham Parkway	N Mineral Springs Rd	Glenn School Rd	DurCity, Dur	3.2	0	Rec	4G	Blvd	Full
U-4721 AC	Northern Durham Parkway	Glenn School Rd	I-85	DurCity, Dur	0.2	4	NI	4G	Blvd	Full
U-4721 B	Northern Durham Parkway	I-85 North	Glenn Rd	DurCity, Dur	0.4	4	NI	4G	Blvd	None
U-4721 B	Northern Durham Parkway	Glenn Rd	Old Oxford Rd	DurCity, Dur	2.2	0	Rec	4G	Blvd	None

## Highway -- Sidepaths

ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
ORAN0119	Old NC 86	Eubanks Rd	I-40	OR	5.0	2	NI	2A	Min	Min
U-5845	Old NC 86	I-40	I-85	Hboro	1.5	2	NI	4D	Blvd	Min
--	Orange Grove Rd	Oakdale Dr	Dimmocks Mill Rd	OR	1.8	2	Ex	ADQ	Min	None
--	Orange Grove Rd	Oakdale Dr	S Churton St	OR, Hboro	1.5	2	Ex	ADQ	Min	None
U-5848	Orange Grove Connector	Orange Grove Rd	<del>US 70B</del> <b>US 70B New collector street</b>	OR, Hboro	0.4	0	Rec	4G	Blvd	Min
MTP-94	Roxboro St Ext (South)	S Roxboro	E Cornwallis Rd	DurCity	1.2	0	Rec	4D	Blvd	None
DURH0066	Sherron Rd.	Stallings Rd	S Mineral Springs Rd	DurCity, Dur	3.1	2	NI	4D	Blvd	None
MTP-230	SW Durham Dr	NC 54	George King Rd	DurCity, Dur	0.4	0	Rec	2J	Blvd	None
MTP-230	SW Durham Dr	George King Rd	Ephesus Church Rd	DurCity, Dur	1.1	2	NI	2J	Blvd	None
MTP-230	SW Durham Dr	Ephesus Church Rd	I-40	DurCity, Dur	0.4	0	Rec	2J	Blvd	None
MTP-104	SW Durham Dr	Old Chapel Hill Rd.	US 15-501	DurCity	1.0	4	NI	4D	Blvd	None
MTP-106.1	SW Durham Dr	US 15-501	Mt. Moriah Rd	DurCity	0.4	0	Rec	4D	Blvd	None
U-5823	Woodcroft Pkwy Extension	NC 751	Garrett Rd	DurCity	0.2	0	Rec	2J	Blvd	Min

## Under Consideration -- Sidepaths

--	US 501 BUS (Roxboro St - North)	I-85	E Club Blvd	DurCity	0.3	5	Ex	ADQ	Maj	UAD
U-5774 H	NC 54	Fayetteville Rd	Rollingwood	DurCity	0.3	4	Ex	ADQ	Maj	None
MTP-77.2	NC 751	I-40	Renaissance Pkwy	DurCity	0.2	6	Ex	ADQ	Maj	Min
MTP-77.2	NC 751	I-40	Southpoint Autopark Blvd	DurCity	0.2	4	Ex	ADQ	Blvd	None
--	Danziger Dr	Mt Moriah Rd	Danziger Dr end	DurCity	0.4	3	Ex	ADQ	Min	None
DURH0035	Ellis-Glover Connector	Ellis Rd	Glover	Dur	1.3	0	Rec	2E	Min	None
TE-5205	Erwin Rd	Cameron Blvd	Lasalle St	DurCity	0.8	4	NI	4D	Blvd	None
TE-5205	Erwin Rd	Fulton St	Lasalle St	DurCity	0.5	5	NI	4D	Blvd	None
TE-5205	Erwin Rd.	Anderson St	Fulton St	DurCity	0.4	4	NI	4D	Blvd	None
MTP-17.1	Estes Dr Ext	N Greensboro St	Railroad crossing	CH, Carr	?	2	NI	2E	Min	Min
--	Fayetteville Rd	NC 54	Renaissance Pkwy	DurCity	0.7	4	Ex	ADQ	Blvd	None
--	Fayetteville Rd	Woodcroft Pkwy	NC 54	DurCity	1.0	4	Ex	ADQ	Blvd	None

## Highway -- Sidepaths

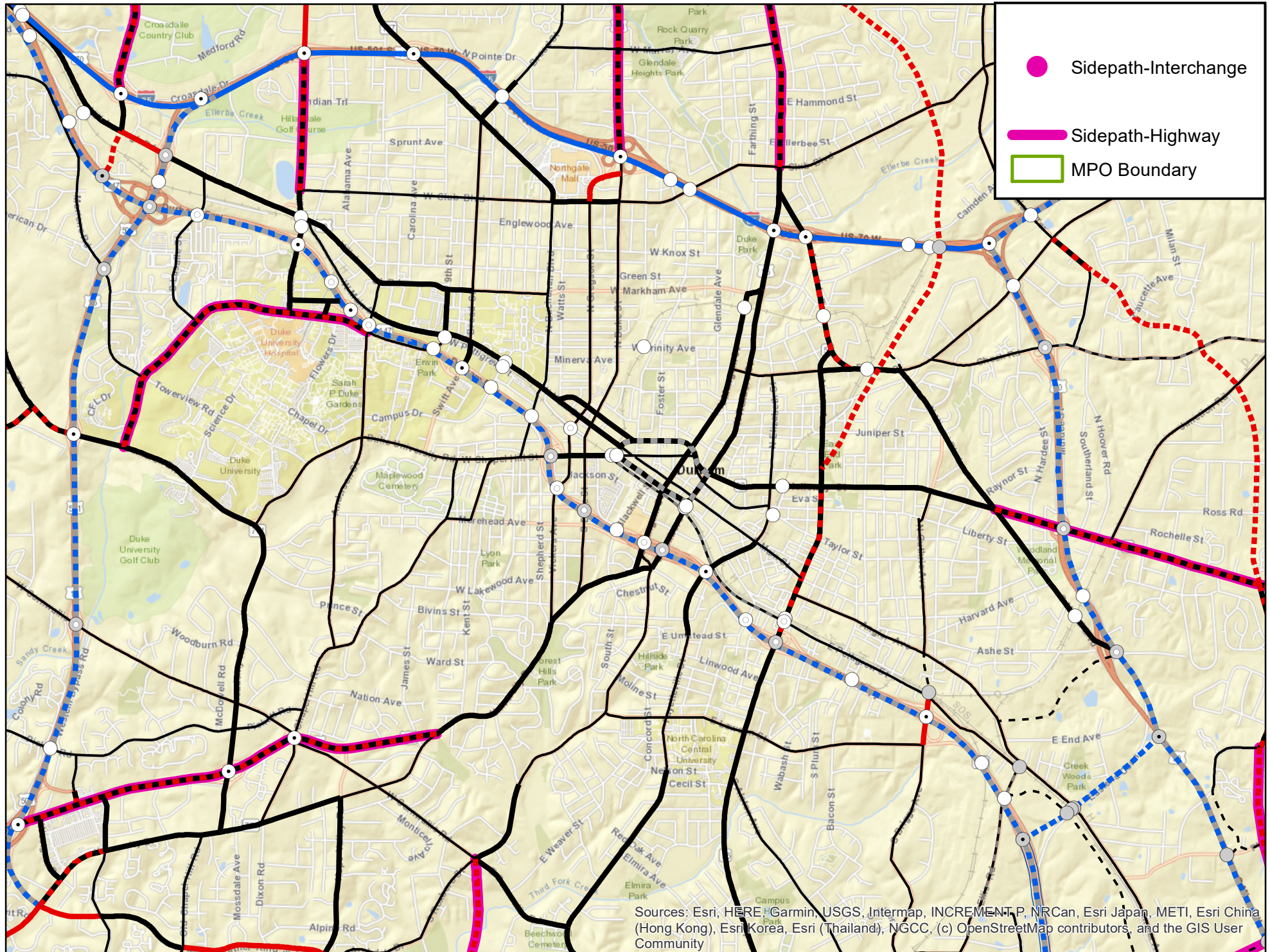
ID	Facility	Segment		Jurisdiction					CTP Class	Problem Statement
		From	To		Dist. (mi)	Lanes	Status	Cross-Section		
MTP-23	Fayetteville Rd	Barbee Road	Woodcroft Pkwy	DurCity	1.4	2	NI	4D	Blvd	Min
MTP-23	Fayetteville Rd	Barbee Road	MLK Parkway	DurCity	0.3	3	NI	4D	Blvd	Min
MTP-23	Fayetteville Rd	Riddle Rd	MLK Parkway	DurCity	0.7	2	NI	4D	Blvd	Min
--	Garrett Rd	NC 54	NC 751	DurCity	0.1	5	Ex	ADQ	Maj	None
--	Hebron Rd.	Danube Ln	Denfield St	DurCity	0.4	2	Ex	ADQ	Min	None
--	Hebron Rd.	Danube Ln	Old Oxford Rd	DurCity	1.1	2	Ex	ADQ	Min	None
--	Hopson Rd.	Louis Stephens Dr	NC 55	DurCity, Dur	0.5	4	Ex	ADQ	Blvd	None
--	New Hope Commons Dr	Mt Moriah Rd	New Hope Commons Ext	DurCity	0.3	3	Ex	ADQ	Min	None
--	New Hope Commons Dr	Mt Moriah Rd	New Hope Commons end	DurCity	0.1	2	Ex	ADQ	Min	None
DURH0054	New Hope Commons Dr extension (North)	New Hope Commons Dr	Third Crossing Rd	DurCity	0.1	0	Rec	3B	Min	None
ORAN0119	Old NC 86	Dairyland Rd	Eubanks Rd	OR	1.7	2	NI	2A	Min	Min
--	Sherron Rd	S Mineral Springs Rd	US 70	Dur	0.2	5	Ex	ADQ	Maj	UAD

HIGHWAY -- INTERCHANGES AND GRADE SEPARATIONS -- SIDEPATHS					
ID	Facility	Type	Status	Juris	Comments
<b>Interstates</b>					
There are no interstate interchange or grade separation Sidepath amendments.					
<b>US Highways</b>					
U-5304A	US 15-501/NC 54/Columbia St Interchange	Int	NI	CH	Proposed interchange upgrade
U-5304E	US 15-501/Manning Dr	Int	NI	CH	2016-2017 feasibility study
U-5774A	US 15-501/NC 54 Interchange upgrade	Int	NI	CH	Proposed Interchange; U-5774A is same project
U-5717	US 15-501/Garrett Rd interchange	Int	Rec	DurCity	Interchange - see adopted corridor plan
U-5720	US 70/Miami Blvd interchange	Int	Rec	DurCity, Dur	New interchange to accommodate US 70 freeway
<b>NC Routes</b>					
There are no NC route interchange or grade separation Sidepath amendments.					
<b>Secondary and Local Roads</b>					
There are no secondary or local road interchange or grade separation Sidepath amendments.					



# CTP Sidepaths -- Amendment #3 -- Central Durham

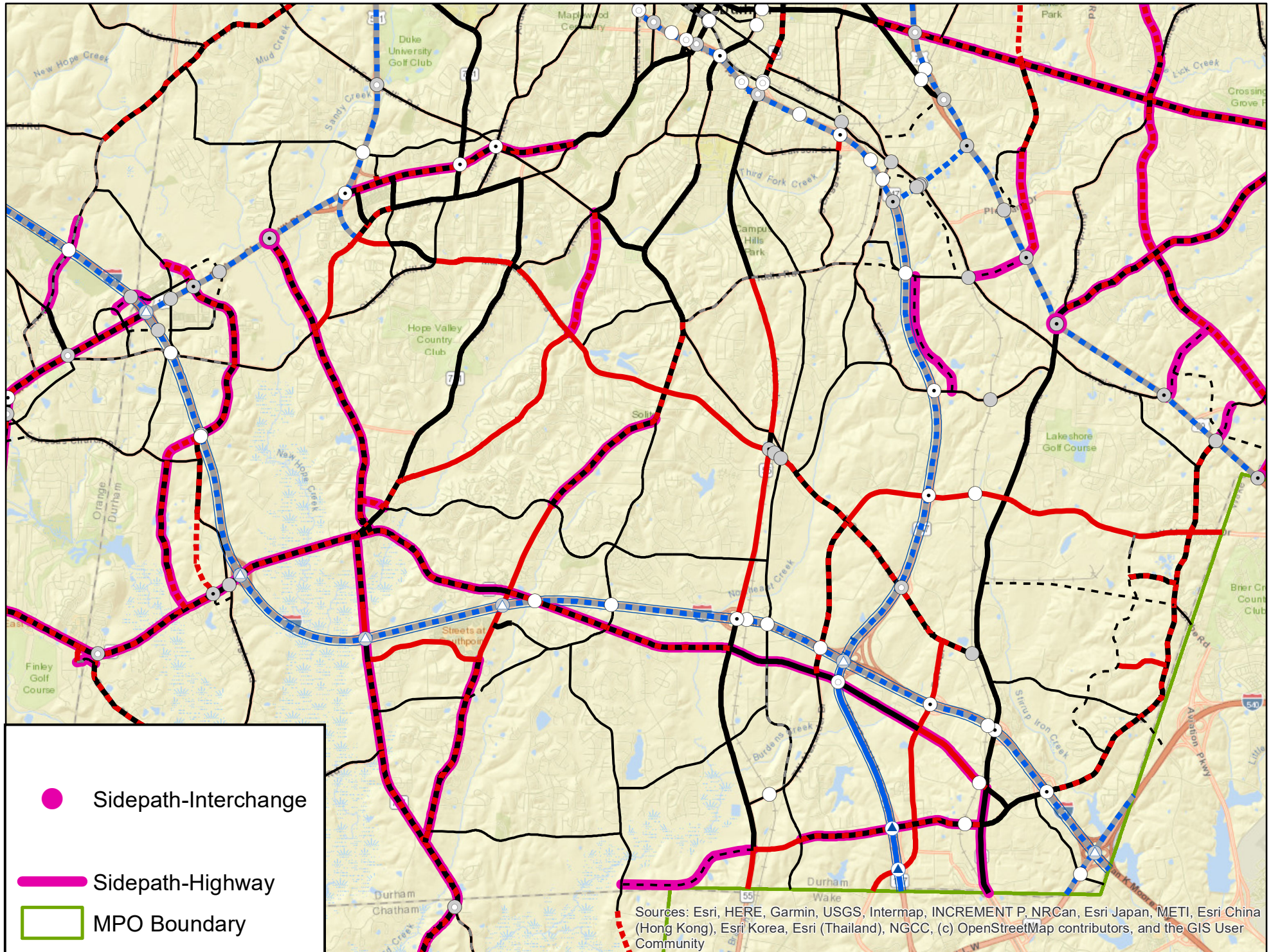
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# CTP Sidepaths -- Amendment #3 -- South Durham

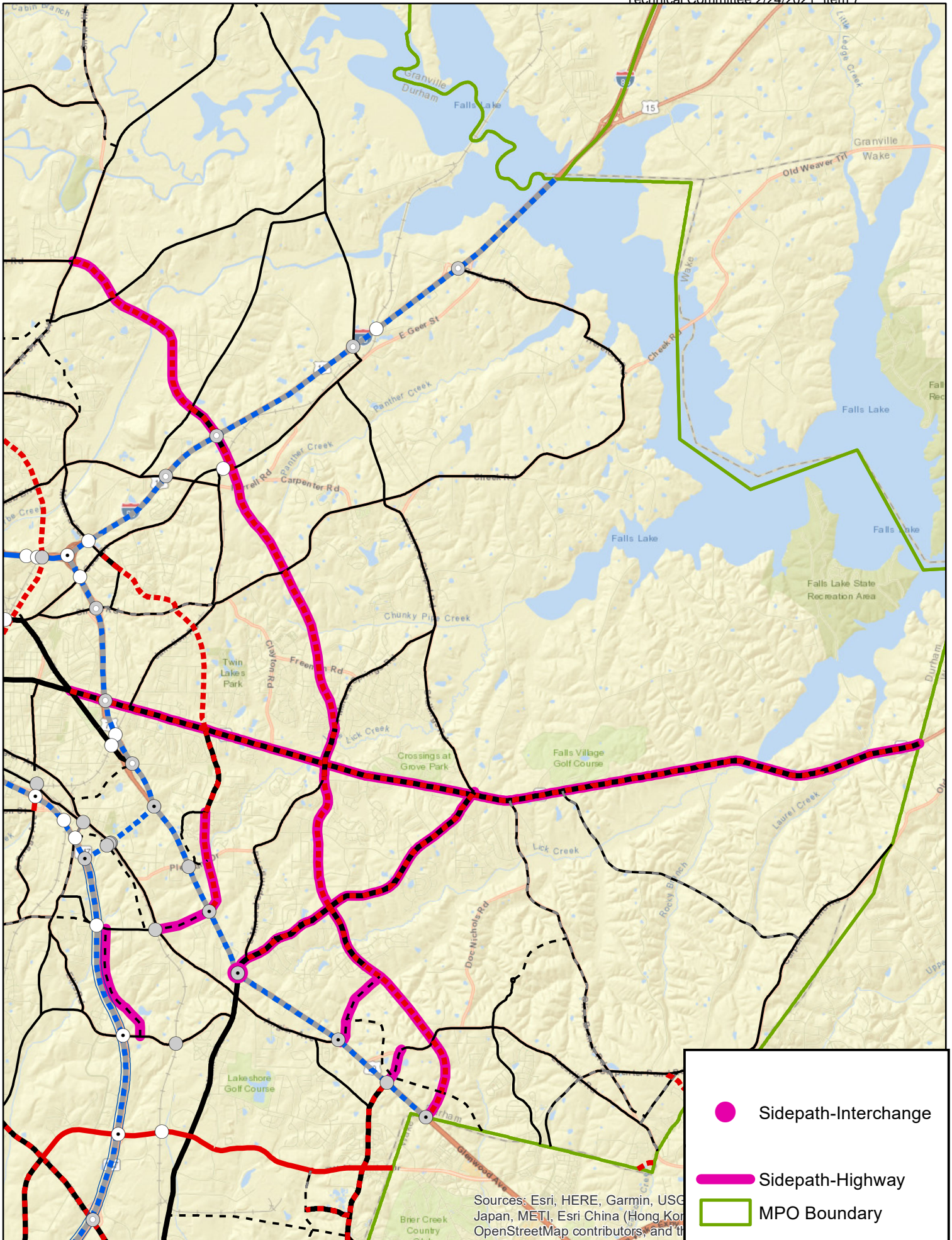
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# CTP Sidepaths -- Amendment #3 -- East Durham

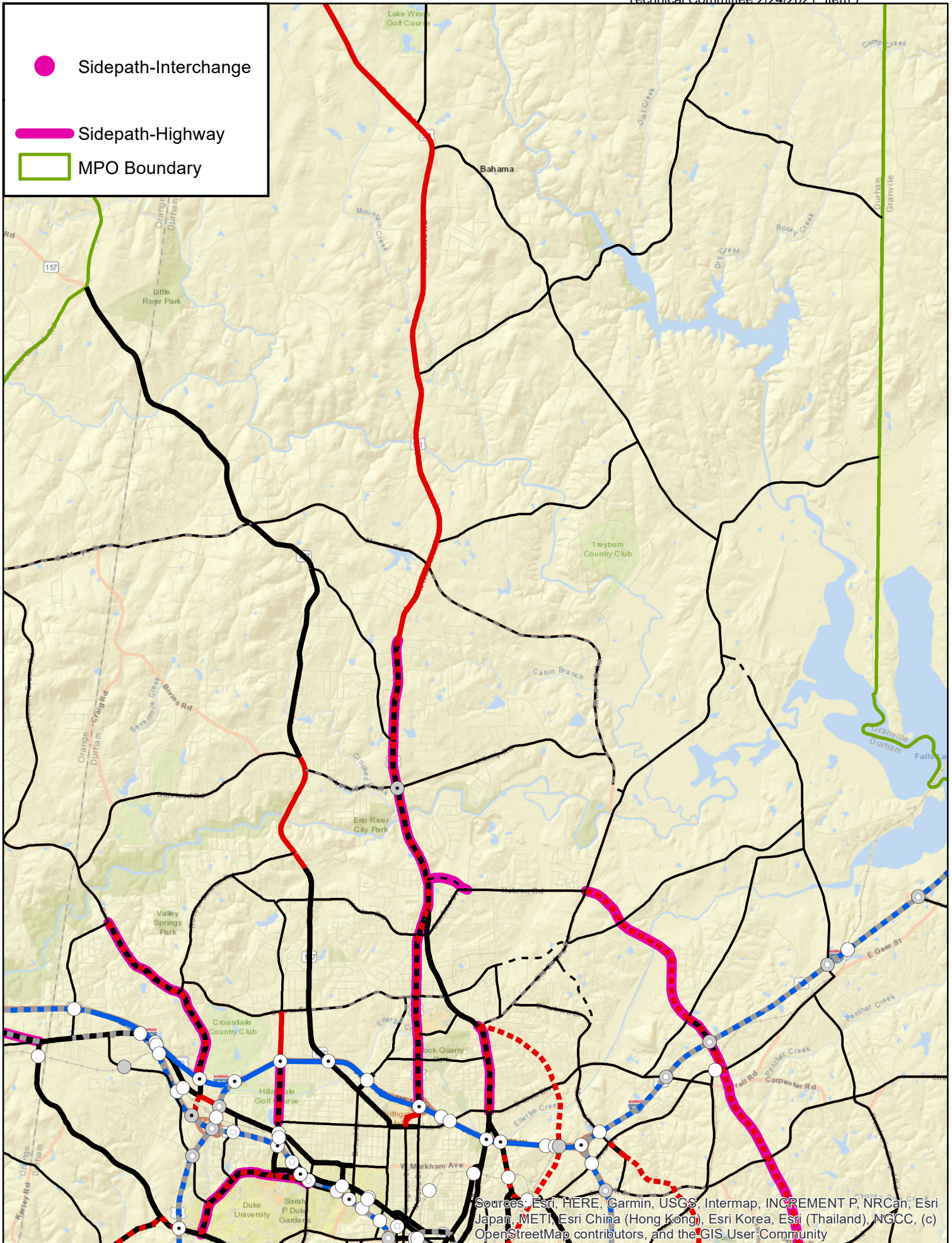
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# CTP Sidepaths -- Amendment #3 -- North Durham

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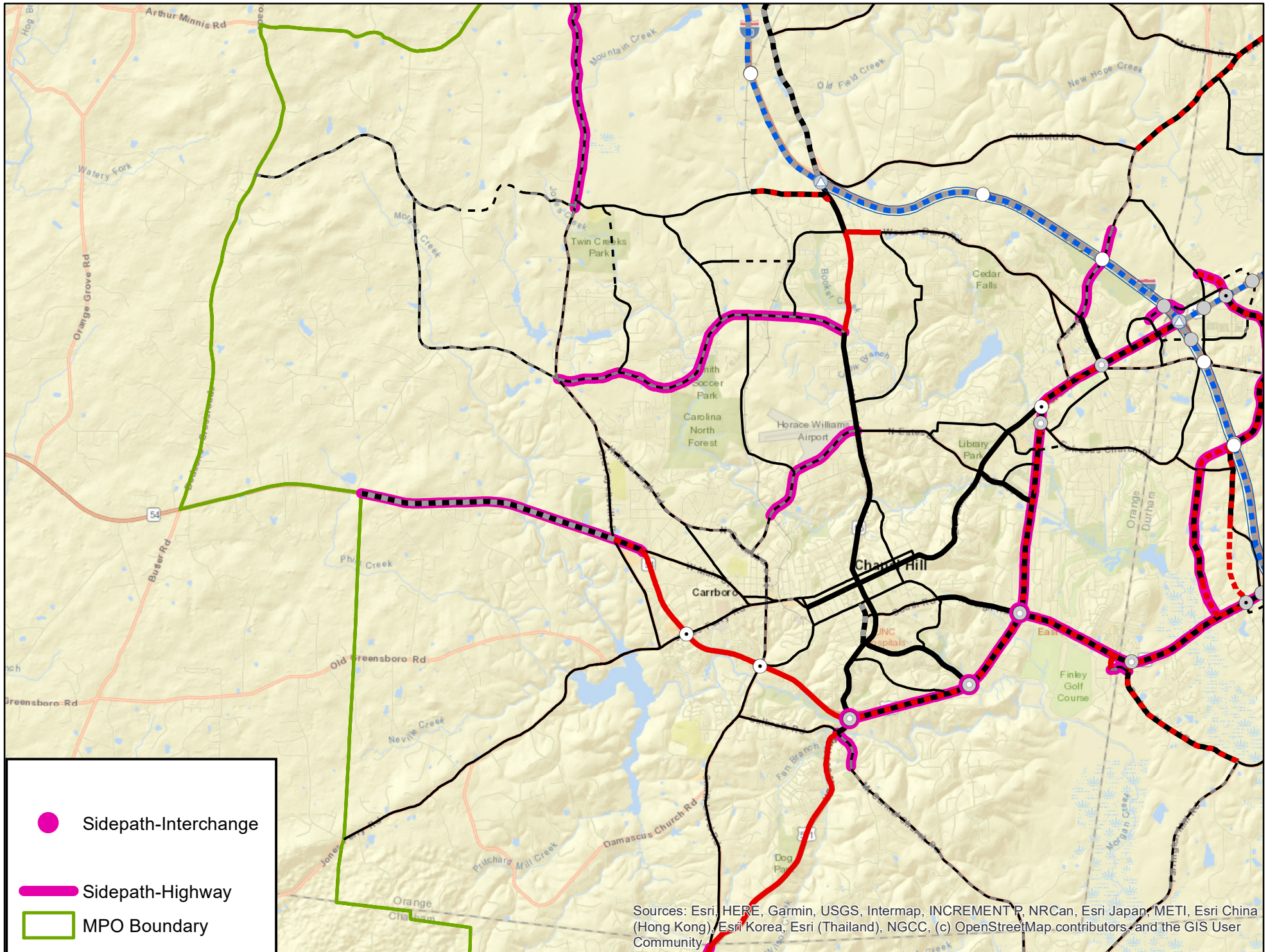


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



# CTP Sidepaths -- Amendment #3 -- Orange County (South)

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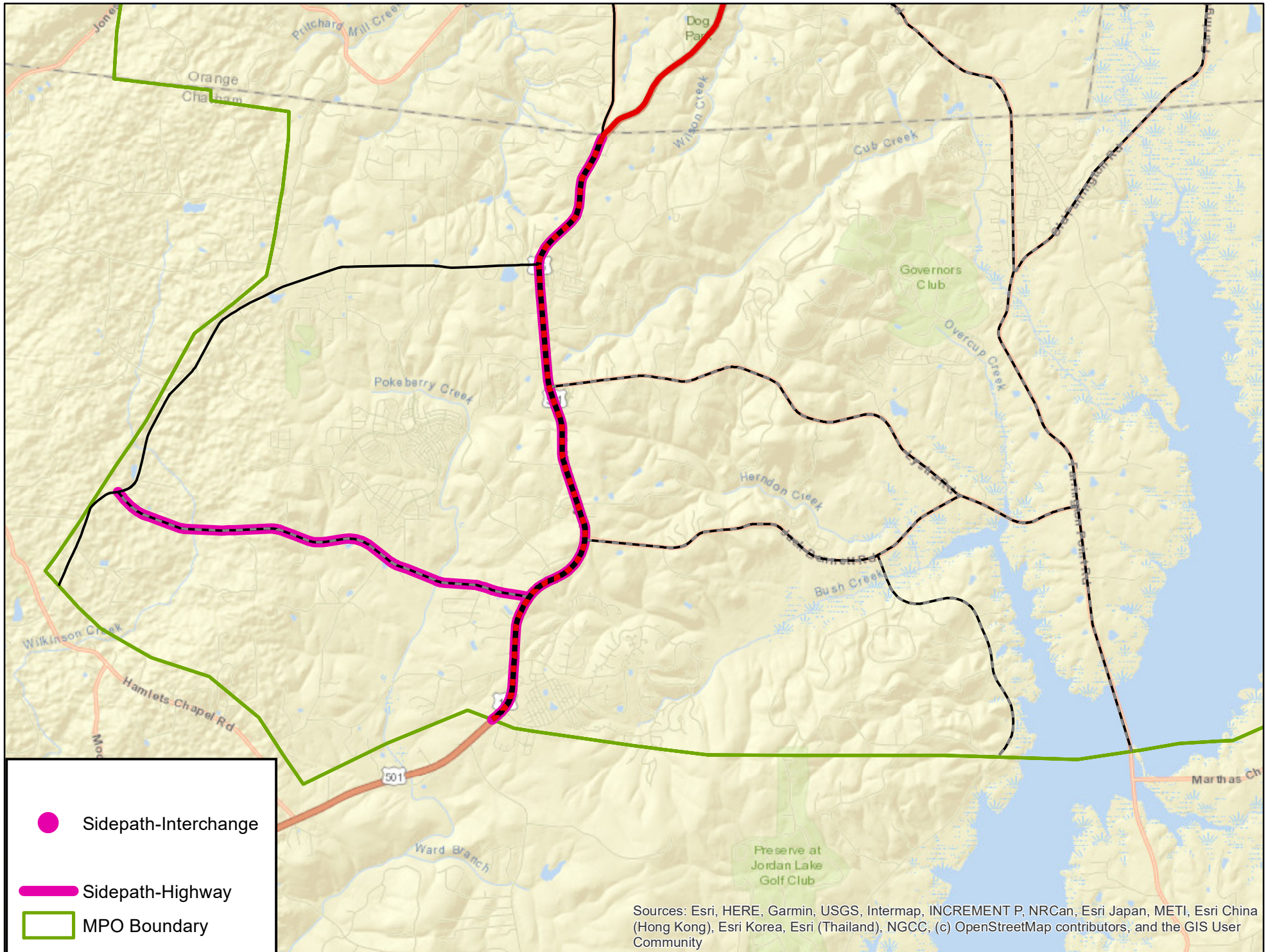
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# CTP Sidepaths -- Amendment #3 -- Chatham County

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## —Rail, Fixed Guideway and Bus Rapid Transit—

The table and map on the next two pages identify high capacity transit and bus rapid transit (BRT) that are to be added to the CTP. The reasons for adding these project include:

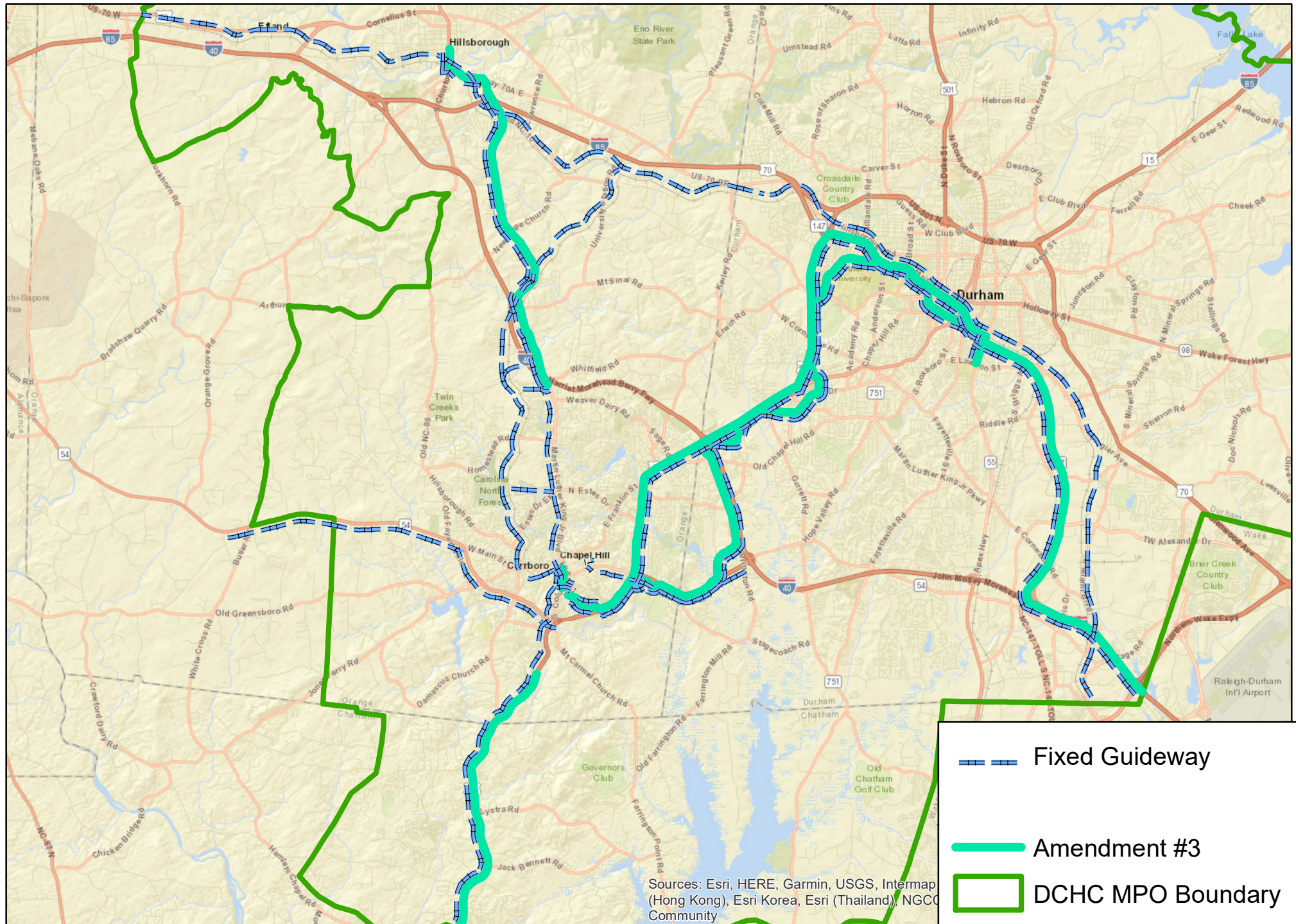
- Suspended Light Rail Transit – The suspended Durham-Orange Light Rail Transit plan left several major travel corridors without a plan to provide sufficient transit service. In place of the proposed D-O LRT, high capacity transit facilities will be implemented along the former D-O LRT corridor to connect Durham and Chapel Hill. These facilities, which the DCHC MPO added to the 2045 MTP via Amendment #2 in November 2019, will likely use differing combinations of BRT facilities such as dedicated bus lanes, enhanced bus stations, signal preemption and separate bus-only ramps at interchanges.
- Extended High Capacity Transit – High capacity transit services have been extended from the Chapel Hill North-South BRT to Hillsborough, Pittsboro, and Carrboro.

RAIL, FIXED GUIDEWAY AND BUS RAPID TRANSIT													
Local ID	Facility/ Route	Section (From - To)	Agency (Operator)	Class	Speed Limit (mph)	Dist. (mi)	Existing System			Proposed System			Other Modes
							Type	ROW (ft)	Trains per day	Type	ROW (ft)	Trains per day	
ORAN0101-R	<del>CHT BRT 15501 [US 15-501, NC 86 (S Columbia St), Mason Farm Rd]</del>	<del>Chatham County Park and Ride on US 15-501 to Mt Moriah Rd, Durham</del>	CHT	--	35-45	40.3	--	--	--	<del>Fixed Guideway (Bus Rapid Transit)</del>	--	<del>High Frequency</del>	--
	<b>CHT BRT US 15-501</b>	<b>Mason Farm Rd to I-40</b>	CHT	--	<b>35-45</b>	<b>4.8</b>	--	--	--	<b>Fixed Guideway (Bus Rapid Transit)</b>	--	<b>High Frequency</b>	--
	<b>CHT BRT (North-South extension to Chatham County)</b>	<b>Southern Village to Chatham County park-and-ride</b>	CHT	--	<b>35-45</b>	<b>2.6</b>	--	--	--	<b>Fixed Guideway (Bus Rapid Transit)</b>	--	<b>High Frequency</b>	--
TE-5205	<del>D-O LRT NEPA Preferred Alternative</del> <b>Bus Rapid Transit</b>	UNC Hospital on Mason Farm Rd, Chapel Hill (Orange Co) to NCCU-Durham Tech on Alston Ave, Durham (Durham County)	--	--	avg 20-35	17.9	--	--	--	<del>Fixed Guideway (Light Rail Transit)</del> <b>(Bus Rapid Transit)</b>	approx 28-62	High Frequency	M
	<b>BRT (via US 15-501, US 15-501 Bypass, and NC 147)</b>	<b>I-40/US 15-501 to NCCU</b>	--	--	<b>45-55</b>	<b>10.2</b>	--	--	--	<b>Fixed Guideway (Bus Rapid Transit)</b>	--	<b>High Frequency</b>	--
	<b>High Capacity Transit (CH/Hillsborough)</b>	<b>Chapel Hill-Hillsborough</b>	CHT	--	<b>35-45</b>	<b>8.6</b>	--	--	--	<b>Fixed Guideway (High Capacity Transit)</b>	--	<b>High Frequency</b>	--
	<b>High Capacity Transit (CH/Pittsboro)</b>	<b>Chapel Hill-Pittsboro</b>	CHT	--	<b>35-45</b>	<b>4.3</b>	--	--	--	<b>Fixed Guideway (High Capacity Transit)</b>	--	<b>High Frequency</b>	--
	<b>Bus Rapid Transit (downtown Durham to RTP - via NC 147 and I-40)</b>	<b>Downtown Durham to RTP</b>	--	--	<b>55-65</b>	<b>10.0</b>	--	--	--	<b>Fixed Guideway (Bus Rapid Transit)</b>	--	<b>High Frequency</b>	--



# DCHC MPO Comprehensive Transportation Plan (CTP) Amendment #3 -- Fixed Guideway (including BRT)

Technical Committee 2/24/2021 Item 7



## —Public Transportation (Operational Strategies)—

The table and map on the next two pages identify transit emphasis corridor projects that are to be added to the CTP. A City of Durham transit plan has identified the need for three transit emphasis corridors. These improvements make it easier for the riders to get to bus stops, make them more comfortable and secure waiting for the bus, and help increase the bus speed. The facilities might include sidewalks, crosswalks, curb ramps, pavement markings, shelters, and benches, and service, and systems such as prioritized traffic signals.

The map of GoDurham Transit Emphasis Corridors is not yet available in the CTP map format. Meanwhile, a City of Durham map is available at the bottom of this Webpage:

<https://durhamnc.gov/4372/GoDurham-Better-Bus-Project>

PUBLIC TRANSPORTATION (Operational Strategies)											
Local ID	Facility/ Route	Section (From - To)	Agency	Dist. (mi)	Existing System		AM Peak Headway (min.)	Off Peak Headway (min.)	Proposed System		Other Modes
					Type	Headway			Type	Headway	
--	Fayetteville Street -- Transit Emphasis Corridor	Fayetteville Street Corridor (Route 5)	GoDurham	--	Fixed route	15	15	30	Operational Strategies	Regular	--
--	Holloway Street -- Transit Emphasis Corridor	Holloway Street Corridor and Village Transit Center (Route 3)	GoDurham	--	Fixed route	15	15	30	Operational Strategies	Regular	--
--	Chapel Hill Street -- Transit Emphasis Corridor	Chapel Hill Street Corridor (Route 6)	GoDurham	--	Fixed route	15	15	30	Operational Strategies	Regular	--

## —Bicycle and Pedestrian—

Several jurisdictions have updated their local bicycle and pedestrian plans and want to reflect those changes in the CTP. The table on the next page shows the proposed changes to the CTP Bicycle table.

The CTP Bicycle and Pedestrian map that depicts these bicycle changes is in development and will not be posted for the February 24, 2021 Technical Committee meeting.



# Proposed Bicycle-Pedestrian-Multiuse Changes - DCHC MPO CTP Technical Committee 2/24/2021 Item 7

BICYCLE						
Local ID	Facility/ Route	Section (From - To)	Status	Description	Dist. (mile)	Jurisdiction
DURH0372-B	W Chapel Hill St	Pettigrew St to Morgan St	Needs Improvement	Sharrow	0.5	DurCity
(modify)	W Chapel Hill St	[Ramseur St (LOOP)] to Morgan St	Needs Improvement	Sharrow	0.2	DurCity
(add)	W Chapel Hill St	William Vickers Av to Ramseur St (Loop)	Needs Improvement	Protected bicycle lane	0.3	DurCity
DURH0016-B	Avondale Dr	N Roxboro St to E Geer St	Needs Improvement	Bicycle Lane	1.1	DurCity
(modify)	Avondale Dr	N Roxboro St to [Belt Line Trail]	Needs Improvement	Bicycle Lane	0.8	DurCity
(delete)		<i>Trail behind shopping center on Avondale</i>				
(add)	Avondale Dr / Alston Ave	Beltline Trail to Bryant Bridge Trail	Needs Improvement	MUP	0.7	DurCity
DURH0005-B	Alston Ave Extension	Alston Ave to Old Oxford/N Roxboro St	Recommended	Bicycle Lane on roadway extension	3.4	DurCity
(delete)						
U-3308, DURH0304-B	S Alston Ave	E Geer St to Wake County Line	Needs Improvement	Bicycle Lane	10.1	DurCity, Dur
(delete)						
(add)	N Alston Ave	E Geer St to US 70 Bus (Holloway St)	Needs Improvement	Bicycle Lane	0.6	DurCity, Dur
(add)	N Alston Ave	US 70 Bus (Holloway St) to E Main St	Existing	Bicycle Lane	0.5	DurCity, Dur
U-3308, DURH0304-B	S Alston Ave	E Main St to Wake County Line	Needs Improvement	Bicycle Lane	10.1	DurCity, Dur
(add)						
(modify these four entries to "protected bike, possible MUP")						
DURH0388-B	W Ramseur St	Chapel Hill St to Roxboro St	Needs Improvement	Bicycle Lane	0.6	DurCity
DURH0385-B	W Morgan St	Cleveland St to Morris St	Needs Improvement	Bicycle Lane	0.4	DurCity
DURH0386-B	W Morgan St	Morris St to Main St	Needs Improvement	Bicycle Lane	0.5	DurCity
DURH0247-B	N Great Jones St	W Morgan St to W Chapel Hill St	Needs Improvement	Bicycle Lane	0.1	DurCity
DURH0254-B	N Roxboro St	E Main Street to Monk Rd	Needs Improvement	Bicycle Lane	4.9	DurCity
(modify)	N Roxboro St	[US 70 Bus (Holloway St)] to Monk Rd	Needs Improvement	Bicycle Lane	?	DurCity
(add)	N Roxboro St	W Ramseur St to US 70 Bus (Holloway St)	Needs Improvement	Protected bicycle lane, possible MUP	?	DurCity

Note: All bicycle segments are on road.

## Appendix C - Amendment # 3

# Proposed Bicycle-Pedestrian-Multiuse Changes - DCHC MPO CTP Technical Committee 2/24/2021 Item 7

BICYCLE						
Local ID	Facility/ Route	Section (From - To)	Status	Description	Dist. (mile)	Jurisdiction
DURH0029-B (delete)	Blackwell St	Pettigrew St to Lakewood Ave	Needs Improvement	Sharrow	0.3	DurCity
(add)	Blackwell St	NC 147 to W Pettigrew St to to Durham Station	Needs Improvement	MUP	0.5	DurCity
(delete these seven Roxboro/Mangum entries because MOVEDurham does not have bike lanes in these segments)						
DURH0307-B	S Duke St	University Dr to N Roxboro St	Needs Improvement	Bicycle Lane	4.9	DurCity
DURH0248-B	N Gregson St	Jackson St to Duke St	Needs Improvement	Bicycle Lane	1.8	DurCity
DURH0369-B	Vickers Ave	Jackson St to University Dr	Needs Improvement	Bicycle Lane	0.8	DurCity
DURH0169-B	Holloway St	Roxboro Rd to Ganyard Farm Way	Needs Improvement	Bicycle Lane	3.6	DurCity, Dur
DURH0251-B	N Mangum St	Lakewood Ave to Markham Ave	Needs Improvement	Bicycle Lane	1.7	DurCity
DURH0219-B	Mangum-Roxboro Connector	S Mangum St to E Lakewood Ave	Needs Improvement	Bicycle Lane	0.1	DurCity
DURH0254-B	N Roxboro St	E Main Street to Monk Rd	Needs Improvement	Bicycle Lane	4.9	DurCity
(add these five Roxboro/Mangum entries to include shorter segments that were part of larger deletions in the set of entries above)						
DURH0169-B (add)	Holloway St	US 70 to Ganyard Farm Way	Needs Improvement	Bicycle Lane	3.6	DurCity, Dur
DURH0254-B (add)	N Roxboro St	I-85 to Monk Rd	Needs Improvement	Bicycle Lane	4.9	DurCity
(add)	S Roxboro St	E Cornwallis Rd to Summit St	Existing	Bicycle lane	0.5	DurCity
(add)	S Roxboro St	Summit St to E Umstead St	Needs Improvement	Bicycle lane	1.1	DurCity
(add)	N Mangum St	E Morgan St to neighborhood bikeway (near E Corporation St)	Needs Improvement	Bicycle lane	0.2	DurCity

Note: All bicycle segments are on road.

## Appendix C - Amendment # 3



## —Multiuse Path—

The CTP Amendment #3 has added many sidepaths to major roadways based on changes to the Complete Streets policy and guidelines. In addition to these sidepaths, Amendment #3 will add multiuse paths to connect to the sidepaths and create complete multiuse use path networks. Also, several jurisdictions have updated their local multiuse plans and want to reflect those changes in the CTP. The table on the next page shows the proposed additions to the CTP multiuse table.

The CTP multiuse map that depicts these additions is in development and will not be posted for the February 24, 2021 Technical Committee meeting.

# Proposed Bicycle-Pedestrian-Multiuse Additions - DCHC MPO CTP

Technical Committee 2/24/2021 Item 7

Multiuse						
Local ID	Facility/ Route	Section (From - To)	Status	Description	Dist. (mile)	Jurisdiction
	Andrews Store Rd	US 15-501 to Manns Chapel Rd	NI	Multiuse Path	3.30	Chat
	Angier Av Extension	US 70 to Northern Durham Pkwy	Recommended	Multiuse Path	0.80	Dur
	Avondale Dr / Alston Ave	Belt Line Trail to Bryant Bridge Trail	NI	Multiuse Path	0.70	Dur
	Blackwell St / Ramseur St	American Tobacco Trail to Durham Belt Line Trail	NI	Multiuse Path	0.50	Dur
	Churton St	I-85 to US 70 A	NI	Multiuse Path	0.90	Or,Hboro
	Cole Mill Rd	I-85 to Rose of Sparger Rd	NI	Multiuse Path	2.50	DurCity
	Danziger Dr Ext bridge (I-40)	Mt. Moriah Rd to E. Lakeview Dr	Recommended	Multiuse Path	0.40	DurCity, CH
	Ellis-Glover Connector	Ellis Rd to Glover Rd	Recommended	Multiuse Path	1.30	DurCity, Dur
	Erwin Rd	Anderson St to Cameron Blvd	NI	Multiuse Path	1.80	DurCity
	Erwin Rd	Sage Rd to Whitfield Rd	NI	Multiuse Path	1.80	CH, Or
	Estes Dr Ext	MLK Jr Blvd to RR tracks	NI	Multiuse Path	1.30	CH, Carr
	Farrington Rd	I-40 to Old Durham-Chapel Hill Rd	NI	Multiuse Path	0.80	DurCity
	Fayetteville Rd	Riddle Rd to NC 751	NI	Multiuse Path	1.90	DurCity, Dur
	Garrett Rd	NC 54 to US 15-501	NI	Multiuse Path	3.20	DurCity, Dur
	Glover Rd Extension	US 70 to Angier Av	Recommended	Multiuse Path	0.60	DurCity, Dur
	Hebron Rd	Old Oxford Rd to Denfield	NI	Multiuse Path	1.60	DurCity, Dur
	Hebron Rd Extension	Hebron Rd to N Roxboro Rd/Wellington	Recommended	Multiuse Path	0.50	DurCity
	Hillandale Rd	Erwin Rd to I-85	NI	Multiuse Path	1.50	DurCity
	Homestead Rd	Old NC 86 to Rogers Rd	NI	Multiuse Path	3.40	CH, Carr, Or
	Hopson Rd	Miami Blvd to NC 55	NI	Multiuse Path	1.80	DurCity, Dur
	Leesville Rd realignment	US 70 to Leesville Rd	Recommended	Multiuse Path	0.80	Dur
	Lynn Rd Extension	Lynn Rd to US 70	Recommended	Multiuse Path	1.10	DurCity, Dur
	Marriott Way	Friday Center Dr to Barbee Chapel Rd	Recommended	Multiuse Path	0.20	CH
	Mt Carmel Ch Rd	US 15-501 to Bennett Rd	NI	Multiuse Path	0.40	CH,Or
	NC 54	Jones Ferry Rd to Old Fayetteville Rd	NI	Multiuse Path	1.00	Carr
	NC 54	Old Fayetteville Rd to MPO boundary	NI	Multiuse Path	2.60	Carr,Or
	NC 54	Old Fayetteville Rd to W Main St	NI	Multiuse Path	0.30	Carr
	NC 54	US 15-501 (Fordham Blvd) to Wake County Line	NI	Multiuse Path	11.80	DurCity, Dur, CH
	NC 751	NC 54 to Martha's Chapel Rd	NI	Multiuse Path	9.40	DurCity,Dur, Chat
	NC 751 (Hope Valley Rd)	NC 54 to S Roxboro St	NI	Multiuse Path	1.10	DurCity
	NC 86	US 70 (Cornelius St) to Coleman Loop (N)	NI	Multiuse Path	3.20	OR, Hboro

## Appendix C - Amendment # 3

# Proposed Bicycle-Pedestrian-Multiuse Additions - DCHC MPO CTP

Technical Committee 2/24/2021 Item 7

Multiuse						
Local ID	Facility/ Route	Section (From - To)	Status	Description	Dist. (mile)	Jurisdiction
	NC 86	US 70 A to Old NC 10	NI	Multiuse Path	0.90	Hboro
	NC 98	N Miami Blvd to Wake County line	NI	Multiuse Path	9.30	DurCity, Dur
	New Hope Commons Dr	Mt. Moriah Rd to New Hope Commons Dr Ext	NI	Multiuse Path	0.30	DurCity
	New Hope Commons Dr Extension	New Hope Commons Dr to Eastowne Dr	Recommended	Multiuse Path	0.40	DurCity, CH
	Northern Durham Parkway	I-85 to Old Oxford Rd	Recommended	Multiuse Path	2.60	DurCity, Dur
	Northern Durham Parkway	NC 98 to I-85	Recommended	Multiuse Path	3.80	DurCity, Dur
	Northern Durham Parkway	US 70 to NC 98	Recommended	Multiuse Path	4.20	DurCity, Dur
	Old NC 86	Dairyland Rd to I-85	NI	Multiuse Path	6.50	OR, Hboro
	Orange Grove Connector	Orange Grove Rd to new connector street	Recommended	Multiuse Path	0.40	OR, Hboro
	Orange Grove Rd	Dimmock's Mill to S Churton St	NI	Multiuse Path	3.30	OR, Hboro
	S Roxboro Rd Extension	Roxboro Rd to W Cornwallis Rd	Recommended	Multiuse Path	1.20	DurCity
	Sherron Rd	S Mineral Springs Rd to US 70	NI	Multiuse Path	3.30	DurCity, Dur
	Southwest Durham Dr	NC 54 to I-40	Recommended	Multiuse Path	1.90	DurCity, Dur
	Southwest Durham Dr	Old Durham Chapel Hill Rd to Mt Moriah Rd	Recommended	Multiuse Path	1.40	DurCity
	US 15-501	Smith Level Rd to MPO Boundary	NI	Multiuse Path	4.90	Chat
	US 15-501 (Fordham Blvd)	NC 54 (Raleigh Rd) to I-40	NI	Multiuse Path	5.80	CH
	US 15-501 Bus (Durham Chapel Hill Blvd)	US 15-501 Byp to University Dr	NI	Multiuse Path	2.40	DurCity
	US 15-501/NC 54 (Fordham Blvd)	NC 54 (Raleigh Rd) to US 15-501 S	NI	Multiuse Path	2.10	CH
	US 501	N Duke St to Sandlewood Dr	NI	Multiuse Path	3.40	DurCity, Dur
	US 501 (N Duke St)	I-85 to N Roxboro St	NI	Multiuse Path	2.50	DurCity
	US 501 Bus (N Roxboro St)	W Club Blvd to Duke St	NI	Multiuse Path	2.70	DurCity
	US 70	NC 751 to MPO boundary in Orange County	NI	Multiuse Path	14.30	OR, Hboro
	Woodcroft Pkwy Extension	NC 751 to Garrett Rd	Recommended	Multiuse Path	0.20	DurCity
<b>Interchanges and Intersections</b>						
	US 70/Miami Blvd	Interchange	Recommended	Multiuse Path	N/A	DurCity, Dur
	US 15-501/Garrett Rd	Interchange	Recommended	Multiuse Path	N/A	DurCity

## Appendix C - Amendment # 3

# Proposed Bicycle-Pedestrian-Multiuse Additions - DCHC MPO CTP

Technical Committee 2/24/2021 Item 7

Multiuse						
Local ID	Facility/ Route	Section (From - To)	Status	Description	Dist. (mile)	Jurisdiction
	US 15-501/NC 54/Columbia St	Interchange	NI	Multiuse Path	N/A	CH
	US 15-501/Manning Dr	Interchange	Recommended	Multiuse Path	N/A	CH
	US 15-501/NC 54	Interchange	NI	Multiuse Path	N/A	CH

## MEMORANDUM

**To:** DCHC MPO Board

**From:** DCHC MPO Lead Planning Agency

**Date:** March 10, 2021

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

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

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

### **Major UPWP – Projects**

#### **Comprehensive Transportation Plan (CTP) – Amendment #3**

- Release Amendment #2 for public comment – March 2021
- Public hearing for Amendment #2 – April 2021
- Adopt Amendment #2 – May 2021

#### **2050 Metropolitan Transportation Plan (MTP)**

- ✓ Approve Public Engagement Plan – September 2020
- ✓ Approve Goals and Objectives – September 2020
- ✓ Approve land use model and Triangle Regional Model for use in 2050 MTP – January 2021
- Release Deficiency Analysis – April 2021
- Release Alternatives Analysis for public comment – June 2021
- Release Preferred Option for public comments – September 2021
- Adopt 2050 MTP and Air Quality Conformity Determination Report – March 2021

#### **Triangle Regional Model Update**

- ✓ Completed
- Rolling Household Survey – nearing completion

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

- ✓ LPA Staff develops initial project list – March-April 2019
- ✓ TC reviews initial project list – May 2019
- ✓ Board reviews initial project list (including deletions of previously submitted projects) – June 2019
- ✓ SPOT On!ine opens for entering/amending projects – October 2019
- ✓ MPO submits carryover project deletions and modifications – December 2019
- ✓ Board releases draft SPOT 6 project list for public comment – February 2020
- ✓ Board holds public hearing on new projects for SPOT 6 – March 2020
- ✓ Board approves new projects to be submitted for SPOT 6 – March 2020
- ✓ MPO submits projects to NCDOT – July 2020

- LPA staff conducts data review – Spring 2021
- LPA updates local ranking methodology – May 2021
- Board approves local ranking methodology – June 2021
- MPO applies local ranking methodology for Regional projects – August 2021
- Board releases MPO initial Regional points list for public input/comments – September 2021
- Approval of Regional Impact points – October 2021
- MPO applies local ranking methodology for Division projects – November 2021
- Board releases MPO initial Division points list for local input/public comments – December 2021
- Approval of Division Needs points – January 2022
- Draft STIP Released – February 2022
- Board of Transportation adopts FY2023-2032 STIP – June 2022
- MPO Board adopts FY2023-2032 MTIP – September 2022

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

- ✓ 3<sup>rd</sup> public workshop: evaluate alternative strategies – October 2019
- ✓ Stakeholder meetings to discuss Chapel Hill cross-section, northern quadrant road, New Hope Commons access – completed August 2020
- ✓ Board releases final draft for public comment – September 2020
- ✓ Board holds public hearing on final draft – October 2020
- Release RFI for second phase of study – March 2021

### **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

### **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



### **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

### **Upcoming Projects**

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

<b>Contract Number:</b> C202581 <b>Division:</b> 5 <b>TIP Number:</b> EB-4707A <b>Length:</b> 0.96 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> SR-1838/SR-2220 FROM US-15/501 IN ORANGE COUNTY TO SR-1113 IN DURHAM COUNTY. <b>Contractor Name:</b> S T WOOTEN CORPORATION <b>Contract Amount:</b> \$4,614,460.00 <b>Work Began:</b> 05/28/2019 <b>Original Completion Date:</b> 02/15/2021 <b>Latest Payment Thru:</b> 02/07/2021 <b>Latest Payment Date:</b> 02/12/2021		<b>Route:</b> SR-1838 <b>County:</b> Durham <b>Federal Aid Number:</b> STPDA-0537(2) <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 04/16/2019 <b>Revised Completion Date:</b> 05/29/2022 <b>Construction Progress:</b> 38%
<b>Contract Number:</b> C203394 <b>Division:</b> 5 <b>TIP Number:</b> U-0071 <b>Length:</b> 4.009 miles <b>NCDOT Contact:</b> Maira A. Ibarra <b>Location Description:</b> EAST END CONNECTOR FROM NORTH OF NC-98 TO NC-147 (BUCK DEAN FREEWAY) IN DURHAM. <b>Contractor Name:</b> DRAGADOS USA INC <b>Contract Amount:</b> \$141,949,500.00 <b>Work Began:</b> 02/26/2015 <b>Original Completion Date:</b> 05/10/2020 <b>Latest Payment Thru:</b> 01/22/2021 <b>Latest Payment Date:</b> 02/02/2021		<b>Route:</b> I-885, NC-147, NC-98 <b>US-70</b> <b>County:</b> Durham <b>Federal Aid Number:</b> <b>NCDOT Contact No:</b> (919)835-8200 <b>Letting Date:</b> 11/18/2014 <b>Revised Completion Date:</b> 02/22/2021 <b>Construction Progress:</b> 93.5%
<b>Contract Number:</b> C203567 <b>Division:</b> 5 <b>TIP Number:</b> U-3308 <b>Length:</b> 1.134 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> NC-55 (ALSTON AVE) FROM NC-147 (BUCK DEAN FREEWAY) TO NORTH OF US-70BUS/NC-98 (HOLLOWAY ST). <b>Contractor Name:</b> ZACHRY CONSTRUCTION CORPORATION <b>Contract Amount:</b> \$39,756,916.81 <b>Work Began:</b> 10/05/2016 <b>Original Completion Date:</b> 03/30/2020 <b>Latest Payment Thru:</b> 01/15/2021 <b>Latest Payment Date:</b> 01/28/2021		<b>Route:</b> NC-55 <b>County:</b> Durham <b>Federal Aid Number:</b> STP-55(20) <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 07/19/2016 <b>Revised Completion Date:</b> 02/11/2021 <b>Construction Progress:</b> 75.78%
<b>Contract Number:</b> C204211 <b>Division:</b> 5 <b>TIP Number:</b> U-5968 <b>Length:</b> 0.163 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> CITY OF DURHAM. <b>Contractor Name:</b> BROOKS BERRY HAYNIE & ASSOCIATES, INC. <b>Contract Amount:</b> \$19,062,229.77 <b>Work Began:</b> 02/18/2020 <b>Original Completion Date:</b> 08/01/2024 <b>Latest Payment Thru:</b> 01/31/2021 <b>Latest Payment Date:</b> 02/05/2021		<b>Route:</b> I-40, I-85, NC-55 <b>NC-98, US-15, US-501</b> <b>US-70</b> <b>County:</b> Durham <b>Federal Aid Number:</b> STBG-0505(084) <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 04/16/2019 <b>Revised Completion Date:</b> 04/09/2025 <b>Construction Progress:</b> 25.48%
<b>Contract Number:</b> C204256 <b>Division:</b> 5 <b>TIP Number:</b>		<b>Route:</b> NC-98, SR-1800, SR-1809 <b>SR-1811, US-70</b> <b>County:</b> Durham

<b>Length:</b> 15.89 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> 1 SECTION OF US-70, 1 SECTION OF NC-98, AND 3 SECTIONS OF SECONDARY ROADS. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$3,782,133.02 <b>Work Began:</b> 03/13/2020 <b>Original Completion Date:</b> 11/30/2019 <b>Latest Payment Thru:</b> 01/22/2021 <b>Latest Payment Date:</b> 01/28/2021		<b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 10/16/2018 <b>Revised Completion Date:</b> 07/15/2021 <b>Construction Progress:</b> 62.55%	
<b>Contract Number:</b> C204520 <b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 17.68 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> 1 SECTION OF US-501, 1 SECTION OF US-501 BUSINESS, AND 32 SECTIONS OF SECONDARY ROADS. <b>Contractor Name:</b> CAROLINA SUNROCK LLC <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> 03/15/2021 <b>Original Completion Date:</b> 07/01/2022 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>		<b>Route:</b> US-501 <b>County:</b> Durham <b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 10/20/2020 <b>Revised Completion Date:</b> <b>Construction Progress:</b> 0%	
<b>Contract Number:</b> DE00309 <b>Division:</b> 5 <b>TIP Number:</b> <b>Length:</b> 0.05 miles <b>NCDOT Contact:</b> James M. Nordan, PE <b>Location Description:</b> NC 751 ACADEMY RD AND BUS 501 DURHAM CHAPEL HILL BLVD <b>Contractor Name:</b> MOFFAT PIPE INC <b>Contract Amount:</b> \$972,575.00 <b>Work Began:</b> 09/28/2020 <b>Original Completion Date:</b> 01/15/2021 <b>Latest Payment Thru:</b> 10/31/2020 <b>Latest Payment Date:</b> 11/06/2020		<b>Route:</b> NC-751 <b>County:</b> Durham <b>Federal Aid Number:</b> 15405.1032012 <b>NCDOT Contact No:</b> (919)220-4680 <b>Letting Date:</b> 09/09/2020 <b>Revised Completion Date:</b> <b>Construction Progress:</b> 13.96%	
<b>Contract Number:</b> DE00310 <b>Division:</b> 5 <b>TIP Number:</b> U-0071 <b>Length:</b> 20 miles <b>NCDOT Contact:</b> Maira A. Ibarra <b>Location Description:</b> NC540 NC885 I885 <b>Contractor Name:</b> TRAFFIC CONTROL SAFETY SERVICES, INC. <b>Contract Amount:</b> \$0.00 <b>Work Began:</b> <b>Original Completion Date:</b> 11/12/2021 <b>Latest Payment Thru:</b> <b>Latest Payment Date:</b>		<b>Route:</b> I-885 <b>County:</b> Durham <b>Federal Aid Number:</b> STATE FUNDED <b>NCDOT Contact No:</b> (919)835-8200 <b>Letting Date:</b> 01/13/2021 <b>Revised Completion Date:</b> <b>Construction Progress:</b> 0%	

NCDOT Division 5  
DURHAM PROJECT LIST\_5-YEAR PROGRAM  
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Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	Current Project Status	Shelved Status	Shelved Date	ROW \$	CONST \$	COMMENTS
15BPR.70	Rehab Brgs 310132, 310179, 310185, 310048 and 310422			Raleigh Letting (LET)		03/18/25	Kristy Alford, PE					\$3,650,000	
SM-5705AH	NC 98 at SR 1815 (Mineral Springs Road)...Construct right turn lanes on both approaches of SR 1815 (Mineral Springs Road).	02/03/23	02/10/23	Division POC Let (DPOC)		04/10/24	Stephen Davidson						Project is suspended due to funding.
SM-5705B	Construct right turn lane on eastbound US-70 Bus (Hillsborough Rd) at US-15/501 southbound ramp.			Division POC Let (DPOC)		04/27/22	Stephen Davidson						Letting tentatively scheduled for March 2021.
SM-5705I	Construct Left Turn Lane on US 15/501 Southbound Ramp at US 70 Bus (Hillsborough Road)			Division POC Let (DPOC)		04/27/22	Stephen Davidson					\$350,000	Letting tentatively scheduled for March 2021.
SM-5705X	Construct Turn Lanes at Intersection of US 15/501 Northbound and SR 1317 (Morreene Road)	08/26/19		Division POC Let (DPOC)		04/27/22	Stephen Davidson					\$550,000	Letting tentatively scheduled for March 2021.
SM-5705AA	Construct Right Turn Lane on US 15/501 Southbound Exit Ramp at SR 1317 (Morreene Road)			Division POC Let (DPOC)		04/27/22	Stephen Davidson					\$600,000	Letting tentatively scheduled for March 2021.
48937	Widen NC 54 Eastbound from Falconbridge Road to FarringtonRoad to provide a continuous right turn lane from west of Falconbridge road to I-40.			Division POC Let (DPOC)		09/08/21	Stephen Davidson						Preliminary design underway.
17BP.5.R.97	BRIDGE 89 OVER LICK CREEK ON SR 1902			Division POC Let (DPOC)		03/10/21	Lisa B. Gilchrist, EI	MOVE FORWARD				\$1,500,000	
BP5-R083	BRIDGE 84 OVER CHUNKY PIE CREEK ON SR 1815 (FLETCHER'S CHAPE			Division POC Let (DPOC)		3/13/2030	Lisa B. Gilchrist, EI				\$22,284	\$445,678	
BP5-R116	BRIDGE 96 OVER BURDENS CREEK ON SR 1945 (S ALSTON AVENUE)			Division POC Let (DPOC)		7/11/2029	Lisa B. Gilchrist, EI				\$51,070	\$1,021,398	
BP5-R142	PIPE TO BRIDGE ON (SR 1800) HEREFORD ROAD			Division POC Let (DPOC)		7/11/2029	Lisa B. Gilchrist, EI				\$75,000	\$1,500,000	
BP5-R134	BRIDGE 82 OVER LICK CREEK ON SR 1815 (N MINERAL SPRINGS ROAD			Division POC Let (DPOC)		8/9/2028	Lisa B. Gilchrist, EI				\$37,883	\$757,651	
BP5-R133	BRIDGE 49 OVER ENO RIVER ON SR 1401 (COLE MILL ROAD)			Division POC Let (DPOC)		7/26/2028	Lisa B. Gilchrist, EI				\$165,696	\$3,313,920	
BP5-R126	BRIDGE 262 OVER A CREEK ON SR 1607 (BAHAMA ROAD)			Division POC Let (DPOC)		3/10/2027	Lisa B. Gilchrist, EI				\$12,167	\$243,340	
BP5-R084	BRIDGE 61 OVER MOUNTAIN CREEK ON SR 1464 (S LOWELL ROAD)			Division POC Let (DPOC)		4/8/2026	Lisa B. Gilchrist, EI				\$20,948	\$418,968	
BP5-R117	BRIDGE 110 OVER LITTLE CREEK ON SR 1110 (FARRINGTON ROAD)			Division POC Let (DPOC)		9/11/2024	Lisa B. Gilchrist, EI				\$185,481	\$3,709,612	
I-6010	I-85/US 15 DURHAM COUNTY FROM EAST OF SR 1827 (MIDLAND TERRACE) TO SR 1632 (RED MILL ROAD) IN DURHAM. ADD LANES.	01/19/29	01/19/29	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$14,242,000	\$53,300,000	
U-5720A	US 70 (MIAMI BLVD) FROM LYNN ROAD TO SR 1959 (SOUTH MIAMI BOULEVARD/SR 1811 (SHERRON ROAD)	07/17/26	07/17/26	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$30,200,000	\$32,500,000	

NCDOT Division 5  
DURHAM PROJECT LIST\_5-YEAR PROGRAM  
February 2020

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	Current Project Status	Shelved Status	Shelved Date	ROW \$	CONST \$	COMMENTS
U-5720B	US 70 (MIAMI BLVD) AT SR 1959 (SOUTH MIAMI BOULEVARD)/SR 1811 (SHERRON ROAD)INTERSECTION	07/17/26	07/17/26	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$53,200,000	\$41,600,000	
U-5774A	NC 54 FROM US 15/US 501		01/01/40	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$3,800,000	\$11,000,000	
U-5774B	NC 54 FROM US 15/US 501 IN ORANGE COUNTY TO SR 1110 (BARBEECHAPEL ROAD) IN DURHAM COUNTY	10/16/26	10/16/26	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$28,334,000	\$30,900,000	
U-5774C	NC 54 FROM SR 1110 (BARBEE CHAPEL ROAD) TO I-40	10/20/28	10/20/28	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$4,876,000	\$23,700,000	
U-5774F	NC 54 FROM I-40/NC 54 INTERCHANGE	10/20/28	10/20/28	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$113,038,000	\$39,300,000	
U-5774G	NC 54 FROM I-40 TO NC 751		01/01/40	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$2,600,000	\$29,400,000	
U-5774H	NC 54 FROM NC 751 TO SR 1118 (FAYETTEVILLE ROAD)	01/01/40	01/01/40	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$8,400,000	\$13,200,000	
U-5774I	NC 54 FROM SR 1118 (FAYETTEVILLE ROAD) TO SR 1106 (BARBEE ROAD)		01/01/40	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$13,200,000	\$20,400,000	
U-5774J	NC 54 FROM SR 1106 (BARBEE ROAD) TO NC 55		01/01/40	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$15,800,000	\$14,800,000	
U-5937	NC 147 DURHAM FREEWAY, DURHAM COUNTY FROM SR 1127 (WEST CHAPEL HILL STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	02/19/27	02/19/27	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$11,088,000	\$47,000,000	
U-6021	SR 1118 (FAYETTEVILLE ROAD),FROM WOODCROFT PARKWAY TO BARBEE ROAD IN DURHAM. WIDEN TO 4-LANE DIVIDED FACILITY WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS.	02/16/29	02/16/29	Division Design Raleigh Let (DDRL)		01/01/40	BENJAMIN J. UPSHAW				\$7,611,000	\$13,770,000	Project is suspended due to funding.
U-6067	US 15/US 501 DURHAM COUNTY FROM I-40 TO US 15/US 501 BUSINESS IN DURHAM UPGRADE CORRIDOR TO EXPRESSWAY.	02/16/29	02/16/29	Raleigh Letting (LET)		01/01/40	PAM R. WILLIAMS				\$54,883,000	\$140,300,000	
U-6118	NC 55 FROM MERIDIAN PARKWAY TO I-40 INTERCHNAGE IN DURHAM	01/16/26	07/16/27	Division Design Raleigh Let (DDRL)	01/18/28	01/01/40	ZAHID BALOCH				\$2,000,000	\$10,000,000	
U-6120	NC 98 (HOLLOWAY STREET) FROM SR 1938 (JUNCTION ROAD) TO SR 1919 (LYNN ROAD) IN DURHAM. CONSTRUCT SAFETY IMPROVEMENTS AND WIDEN TO ADD MEDIAN, BICYCLE LANES, SIDEWALKS, TRANSIT STOP IMPROVEMENTS, AND TRAFFIC SIGNALS WHERE NEEDED.	12/29/23	07/21/28	Division Design Raleigh Let (DDRL)	07/20/27	01/01/40	ZAHID BALOCH				\$5,000,000	\$11,000,000	
I-6006	I-40 DURHAM/WAKE COUNTIES FROM NC 54 (EXIT 273) TO SR 1728 (WADE AVENUE). CONVERT FACILITY TO A MANAGED FREEWAY WITH RAMP METERING AND OTHER ATM / ITS COMPONETS.	01/21/28	01/21/28	Raleigh Letting (LET)		01/16/29	PAM R. WILLIAMS				\$20,000	\$54,530,000	
I-5942	I-85 /US 15 FROM NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY PAVEMENT REHABILITATION	03/19/27		Division Design Raleigh Let (DDRL)		12/21/27	CHRISTOPHER A. HOFFMAN					\$9,187,000	No Change In Status



NCDOT Division 5  
DURHAM PROJECT LIST\_5-YEAR PROGRAM  
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Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	Current Project Status	Shelved Status	Shelved Date	ROW \$	CONST \$	COMMENTS
U-5934	NC 147 FROM I-40 TO FUTURE I-885(EAST END CONNECTOR)IN DURHAM ADD LANES AND REHABILITATE PAVEMENT		10/19/27	Design Build Let (DBL)		10/19/27	PAM R. WILLIAMS				\$2,148,000	\$177,100,000	
P-5706	NORFOLK SOUTHERN H LINE, EAST DURHAM RAILROAD SAFETY PROJECT. PROJECT WILL STRAIGHTEN EXISTING RAILROAD CURVATURE BETWEEN CP NELSON AND CP EAST DURHAM AND INCLUDES A COMBINATION OFGRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD SOUTH END CROSSING (734737A), GLOVER ROAD (734735L), AND WRENN ROAD (734736	03/31/21	05/21/21	Raleigh Letting (LET)		01/19/27	BRADLEY SMYTHE				\$9,327,000	\$33,173,000	
U-5516	AT US 501 (ROXBORO ROAD) TO SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.	10/18/24	10/18/24	Division Design Raleigh Let (DDRRL)		10/20/26	JOHN W. BRAXTON JR		Shelved at Final Planning Document	09/30/19	\$6,341,000	\$12,400,000	Project is suspended due to funding.
I-5707	I-40 - FROM NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY/TRIANGLE EXPRESSWAY) IN DURHAM	06/18/19	10/20/23	Raleigh Letting (LET)		06/16/26	PAM R. WILLIAMS				\$1,280,000	\$7,600,000	
U-5717	US 15 / US 501 DURHAM CHAPEL-HILL BOULEVARD AND SR 1116 (GARRETT ROAD) CONVERTING THE AT-GRADE INTERSECTION TO AN INTERCHANGE	04/23/19	04/23/19	Division Design Raleigh Let (DDRRL)		10/21/25	JOHN W. BRAXTON JR		Shelved at R/W Plans Complete	09/30/19	\$53,500,000	\$32,000,000	ROW acquisition is suspended due to funding.
I-5998	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION. COORDINATE WITH I-5999 & I-6000.	10/18/24		Division POC Let (DPOC)		01/22/25	CHRISTOPHER A. HOFFMAN					\$3,800,000	No Change In Status
I-5995	I-40 - DURHAM/WAKE COUNTIES FROM EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION.	08/15/24		Division Design Raleigh Let (DDRRL)		01/21/25	CHRISTOPHER A. HOFFMAN					\$5,272,000	No Change In Status
I-6000	I-540 - DURHAM/WAKE COUNTIES FROM I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION/REHABILITATION. COORDINATE WITH I-5998 & I-5999.	10/18/24		Division POC Let (DPOC)		01/21/25	CHRISTOPHER A. HOFFMAN					\$4,541,000	No Change In Status
I-5941	I-85 FROM ORANGE COUNTY LINE TO US 15 /US 501 IN DURHAM PAVEMENT REHABILITATION	09/05/23		Division Design Raleigh Let (DDRRL)	12/19/23	12/17/24	CHRISTOPHER A. HOFFMAN					\$2,973,000	No Change In Status
I-5993	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147 (COMB W/I-5994).			Division Design Raleigh Let (DDRRL)		12/17/24	CHRISTOPHER A. HOFFMAN					\$18,000,000	No Change In Status
I-5994	I-40 - DURHAM COUNTY FROM US 15/US 501 TO EAST OF NC 147 (COMB W/I-5993).			Division Design Raleigh Let (DDRRL)		12/17/24	CHRISTOPHER A. HOFFMAN					\$9,100,000	No Change In Status
B-5674	REPLACE BRIDGE 80 OVER SR 1308 IN DURHAM ON US 15-501 NORTHBOUND	09/16/22	09/16/22	Raleigh Letting (LET)		01/16/24	KEVIN FISCHER				\$110,000	\$2,209,000	
P-5717	NORFOLK SOUTHER H LINE CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.	09/01/21	09/01/21	Raleigh Letting (LET)		06/20/23	KUMAR TRIVEDI	MOVE FORWARD			\$4,378,000	\$23,100,000	
W-5705AM	DURHAM TRAFFIC SIGNAL REVISIONS TO INSTALL "NO TURN ON RED"BLANK OUT SIGNS AT SIX LOCATIONS			Division POC Let (DPOC)		12/07/22	JEREMY WARREN					\$62,000	On hold due to cash balance shortfall (Jeremy Warren is Project Manager.)

Project ID	Description	R/W Plans Complete	R/W Acq Begins	Let Type	P Let Date	Let Date	Project Manager	Current Project Status	Shelved Status	Shelved Date	ROW \$	CONST \$	COMMENTS
W-5705T	SR 1815 / SR 1917 (SOUTH MINERAL SPRINGS ROAD) AT SR 1815 (PLEASANT DRIVE)	05/31/21	05/31/21	Division POC Let (DPOC)		04/13/22	STEPHEN REID DAVIDSON				\$85,000	\$800,000	Project will resume PE activity.
W-5705AI	US 501 BUSINESS (ROXBORO STREET) AT SR 1443 (HORTON ROAD) /SR 1641 (DENFIELD STREET)	07/19/21	07/19/21	Division POC Let (DPOC)		03/23/22	STEPHEN REID DAVIDSON				\$210,000	\$630,000	Surveys completed.
W-5601EM	SR 1118 (FAYETTEVILLE ROAD) AT PILOT STREET AND CECIL STREET IN DURHAM			On Call Contract (OCC)		12/09/21	JEREMY WARREN					\$14,000	
W-5705M	I-40 WESTBOUND AT NC 147 SAFETY IMPROVEMENTS (MP: 9.359 - 9.359)			On Call Contract (OCC)		10/06/21	JEREMY WARREN					\$80,000	
W-5705U	US 70 BUSINESS (MORGAN STREET) AT CAROLINA THREATRE			On Call Contract (OCC)		09/07/21	JEREMY WARREN					\$20,000	
W-5705V	NC 54 AT HUNTINGRIDGE ROAD			On Call Contract (OCC)		09/07/21	JEREMY WARREN					\$80,000	
W-5705S	US 15/501 AT NC 751 SOUTHBOUND ON RAMP - EXTEND RAMP	10/01/19		Division POC Let (DPOC)		03/10/21	STEPHEN REID DAVIDSON		Shelved at Final Plans	06/15/20		\$460,000	Letting tentatively scheduled for March 2021.

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

TIP/WBS #	Description	LET/Start Date	Completion Date	Cost	Status	Project Lead
U-6245 49187.1.1 49187.2.1 49187.3.1	Construct paved shoulders, turn lanes and overlay on SR 1146 (West Ten Road) from SR 1114 (Buckhorn Road) to west of SR 1137 (Bushy Cook Road)	Oct. 2020	Nov. 2020	\$829,000	Construction 100% complete	Chad Reimakoski
SS-6007C 48888.1.1 48888.3.1	Guardrail installation on NC 86 just north of SR 1839 (Alexander Drive).	Feb. 2022	Mar. 2022	\$50,400	Funds approved 9/5/19 and released 6/23/20	Chad Reimakoski Derek Dixon
P-5701 46395.1.1 46395.3.1	Construct Platform, Passenger Rail Station Building at Milepost 41.7 Norfolk Southern H-line in <b>Hillsborough</b>	6/30/2021	FY2023	\$7,200,000	PE funding scheduled 7/1/2020, Coordinate with U-5848	Matthew Simmons
I-3306A 34178.1.3 34178.1.4 34178.1.5 34178.2.2 34178.3.GV3	I-40 widening from I-85 to Durham Co. line (US 15/501 Interchange) in <b>Chapel Hill</b>	8/17/2021	FY2024	\$175,600,000	Planning and design activities underway, RFQ Advertisement DB 11/3/20	Laura Sutton
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.	Jun. 2022	Nov. 2022	\$261,000	Planning and design activities underway	Chad Reimakoski
SS-6007E 49115.1.1 49115.3.1	All Way Stop installation and flashing beacon revisions at the intersection of SR 1005 (Old Greensboro Road) and SR 1956 (Crawford Dairy Road/Orange Chapel Clover Garden Road)	Jun. 2022	Sept. 2022	\$28,800	Funds approved 3/5/20 but not released	Dawn McPherson
I-5958 45910.1.1 45910.3.1	Pavement Rehabilitation on I-40/I-85 from West of SR 1114 (Buckhorn Road) to West of SR 1006 (Orange Grove Road)	11/17/2026	FY2028	\$8,690,000	PE funding approved 10/10/17	Chris Smitherman
I-5967 45917.1.1 45917.2.1 45917.3.1	Interchange improvements at I-85 and SR 1009 (South Churton Street) in <b>Hillsborough</b>	10/19/2027	FY2030	\$16,900,000	PE funding approved 9/8/17, 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
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	11/16/2027	FY2029	\$11,156,000	PE funding approved 10/10/17, Coordinate with I-5967, I-5984 and I-0305	Chris Smitherman
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).	6/20/2028	FY2031	\$50,700,000	PE funding approved 10/10/17, Planning activities underway, Coordinating with NC54 West Corridor Study	Chris Smitherman
U-5845 50235.1.1 50235.2.1 50235.3.1	Widen SR 1009 (South Churton Street) to multi-lanes from I-40 to Eno River in <b>Hillsborough</b>	7/18/2028	FY2031	\$49,238,000	PE funding approved 5/14/15, Planning and Design activities underway, Coordinate with U-5848 and I-5967	Laura Sutton
I-5984 47530.1.1 47530.2.1 47530.3.1	Interchange improvements at I-85 and NC 86 in <b>Hillsborough</b>	11/21/2028	FY2031	\$20,900,000	PE funding approved 10/10/17, Planning and Design activities underway, Coordinate with I-0305 and I-5959	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.	1/1/2040	FY2044	\$132,000,000	PE funding approved 6/5/18, Planning and design activities underway, Project reinstated per 2020-2029 STIP (funded project) and delete project I-5983	Laura Sutton

## North Carolina Department of Transportation

1/14/2021

## Active Projects Under Construction - Orange Co.

Contract Number	TIP Number	Location Description	Contractor Name	Resident Engineer	Contract Bid Amount	Availability Date	Completion Date	Work Start Date	Estimated Completion Date	Progress Schedule Percent	Completion Percent
C202581	EB-4707A	IMPROVEMENTS ON SR-1838/SR-2220 FROM US-15/501 IN ORANGE COUNTY TO SR-1113 IN DURHAM COUNTY. DIVISION 5	S T WOOTEN CORPORATION	Nordan, PE, James M	\$4,614,460.00	5/28/2019	2/15/2021	5/28/2019	5/29/2022	25.9	31.94
C204078	B-4962	REPLACE BRIDGE #46 OVER ENO RIVER ON US-70 BYPASS.	CONTI ENTERPRISES, INC	Howell, Bobby J	\$4,863,757.00	5/28/2019	12/28/2021	6/19/2019	12/28/2021	54.79	77.64
DG00445	R-5787BB W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Howell, Bobby J	\$319,319.80	6/25/2018	2/15/2020	8/6/2018	2/15/2020	100	92.94
DG00461		REHAB. BRIDGE #031 ON SR 1010 (E. FRANKLIN ST.) OVER BOLIN CREEK & BOLIN CREEK TRAIL	M & J CONSTRUCTION CO OF PINELLAS COUNTY INC	Howell, Bobby J	\$2,456,272.12	11/12/2018	7/15/2019	3/15/2019	12/26/2020	100	81.39
DG00462		REHAB. BRIDGES 264, 288, 260, 543 IN GUILFORD COUNTY AND BRIDGE 031 IN ORANGE COUNTY	ELITE INDUSTRIAL PAINTING INC	Snell, PE, William H	\$967,383.15	8/1/2019	1/1/2020				
DG00483		RESURFACE SR 1010 (MAIN STREET/FRANKLIN STREET) FROM SR 1005 (JONES FERRY ROAD) TO NC 86 (COLUMBIA STREET)	CAROLINA SUNROCK LLC	Howell, Bobby J	\$845,631.59	5/18/2019	8/7/2020				
DG00485	U-5846	SR 1772 (GREENSBORO STREET) AT SR 1780 (ESTES DRIVE), CONSTRUCT ROUNDABOUT	FSC II LLC DBA FRED SMITH COMPANY	Howell, Bobby J	\$3,375,611.30	5/28/2019	3/1/2022	7/29/2019	6/10/2022	67	66.32



**Chatham County - DCHC MPO - Upcoming Projects - Planning & Design, R/W, or not started - Division 8--February 2021**

<b>Contract # or WBS # or TIP #</b>	<b>Route</b>	<b>Description</b>	<b>Let Date</b>	<b>Completion Date</b>	<b>Contractor</b>	<b>Project Admin.</b>	<b>STIP Project Cost</b>	<b>Notes</b>
U-6192	US 15-501	Add Reduced Conflict Intersections - from US 64 Pitts. Byp to SR 1919 (Smith Level Road) Orange Co.	FY 2030	TBD	TBD	Greg Davis (910) 773-8022	\$117,700,000	Right of Way FY 2026
R-5825	NC 751 at SR 1731 (O'Kelly Chapel Road)	Upgrade and Realign Intersection	11/8/2022	TBD	TBD	Greg Davis (910) 773-8022	\$1,121,000	