



FY2018-2027

Metropolitan Transportation Improvement Program

Draft September 2017

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

Metropolitan Transportation Improvement Program

Fiscal Years 2018 - 2027

Draft September 2017

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TITLE VI POLICY

It is the policy of the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization to ensure that no person shall, on the ground of race, color, sex, age, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and any other related non-discrimination Civil Rights laws and authorities. It is also the policy of the DCHC MPO to ensure that no person shall, on the ground of sexual orientation or gender identity, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

A copy of the DCHC MPO's Civil Rights Title VI Compliance Report, Policy Statement and Assurances can be found at the DCHC MPO website, specifically at the following link: www.dchcmpo.org/TitleVI or call (919) 560-4366.

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Metropolitan Transportation Improvement Program

CHAPTER 1: OVERVIEW

1. INTRODUCTION

1.1 The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO)

Established through federal legislation, Metropolitan Planning Organizations (MPOs) exist throughout the United States in all urbanized areas of more than 50,000 people. MPOs have the authority to plan, prioritize, and select transportation projects in urban/metropolitan areas for federal funding, as well as to coordinate any major transportation initiatives that have significance to the region.

The DCHC MPO is the organization responsible for transportation planning in the western part of the Research Triangle area in North Carolina. The DCHC MPO is an umbrella organization comprised of the MPO Board, the Technical Committee (TC), local governments, and the State of North Carolina. The MPO Board, designated by the Governor, is a policy body that coordinates and makes decisions on transportation planning issues.

The DCHC urbanized area includes:

- Durham County (in entirety)
- A portion of Orange County, including the Towns of Chapel Hill, Carrboro, and Hillsborough
- Northeast Chatham County

The DCHC MPO area is also one of the ten urban areas in North Carolina designated as a Transportation Management Area (TMA). TMA's are urban areas with a population of over 200,000 people.

The major requirement of the DCHC MPO is to fulfill federal transportation legislation, including the Highway Act of 1962. These regulations require MPOs to conduct a Continuing, Comprehensive, and Cooperative (3-C) transportation planning process. The 3-C planning includes the development of a long-range transportation plan.

As part of fulfilling its requirement to the 3-C planning process, DCHC MPO is responsible for:

- Monitoring the conditions of the existing transportation network;
- Identifying existing capacity or safety problems through detailed planning studies to develop candidate transportation improvements;
- Forecasting future population and employment growth for the region;
- Evaluating the effects that future land use plans will have on transportation infrastructure within major growth corridors throughout the region;
- Estimating the impact that an expanding transportation system will have on air quality; and
- Developing a financial plan that identifies the costs and revenues associated with the continued operation and maintenance, and future expansion of the region's transportation system.

1.2 Purpose of the Metropolitan Transportation Improvement Program (MTIP) Document

The purpose of this MTIP document is to provide information to the U.S. Department of Transportation's Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), the U.S. Environmental Protection Agency (EPA), North Carolina Department of Transportation (NCDOT), the public, DCHC MPO members, and other parties. The purpose of providing information is to indicate that the DCHC MPO has met the requirements of the Fixing America's Surface Transportation Act (FAST Act) for the development of a Transportation Improvement Program. The DCHC MPO MTIP is consistent with the DCHC MPO's 2040 Metropolitan Transportation Plan and local transportation plans, including those of transit operators. The MTIP also meets the requirements of subsection (h) (2) and (k)(5) of Section 134 of Title 23, United States Code (USC) and 23 Code of Federal Regulations (CFR) Part 450.334 (a). This document provides a MTIP that is financially feasible and constrained to available resources, and that depicts the MPO's regional priorities for the expenditure of federal funds for federal fiscal years 2018-2027.

2. RELATIONSHIP BETWEEN DCHC MPO PLANS AND PROGRAMS

2.1 Comprehensive Transportation Plan

A Comprehensive Transportation Plan (CTP) identifies roadway, transit, bicycle, and pedestrian improvements that are desired to be implemented in the future. While not required by federal statute, a CTP is required for all transportation planning organizations, including DCHC MPO, by the State of North Carolina. The CTP includes all forecasted transportation needs for thirty years, and is not fiscally restrained or restricted by expected funding levels (as is the 2040 MTP). The DCHC MPO's CTP was adopted in May 2017.

2.2 Metropolitan Transportation Plan

The Metropolitan Transportation Plan (MTP) is a long-range, 20+ year multimodal strategy and capital improvement program developed to guide the effective investment of public funds in transportation facilities to help manage congestion, increase regional mobility options, and conform to national air quality standards. The MTP is updated every four or five years and may be amended as a result of changes in anticipated federal, state, and local funding; major investment studies; congestion management systems plans; interstate interchange justification studies; and environmental impact studies. The MPO's current plan is the 2040 MTP, which was adopted in May 2013 and extends through the year 2040. DCHC MPO is currently drafting the 2045 MTP, which is expected to be adopted in

late 2017 or early 2018. The 2045 MTP will be a fiscally constrained subset of the recently adopted CTP.

2.3 Metropolitan Transportation Improvement Program

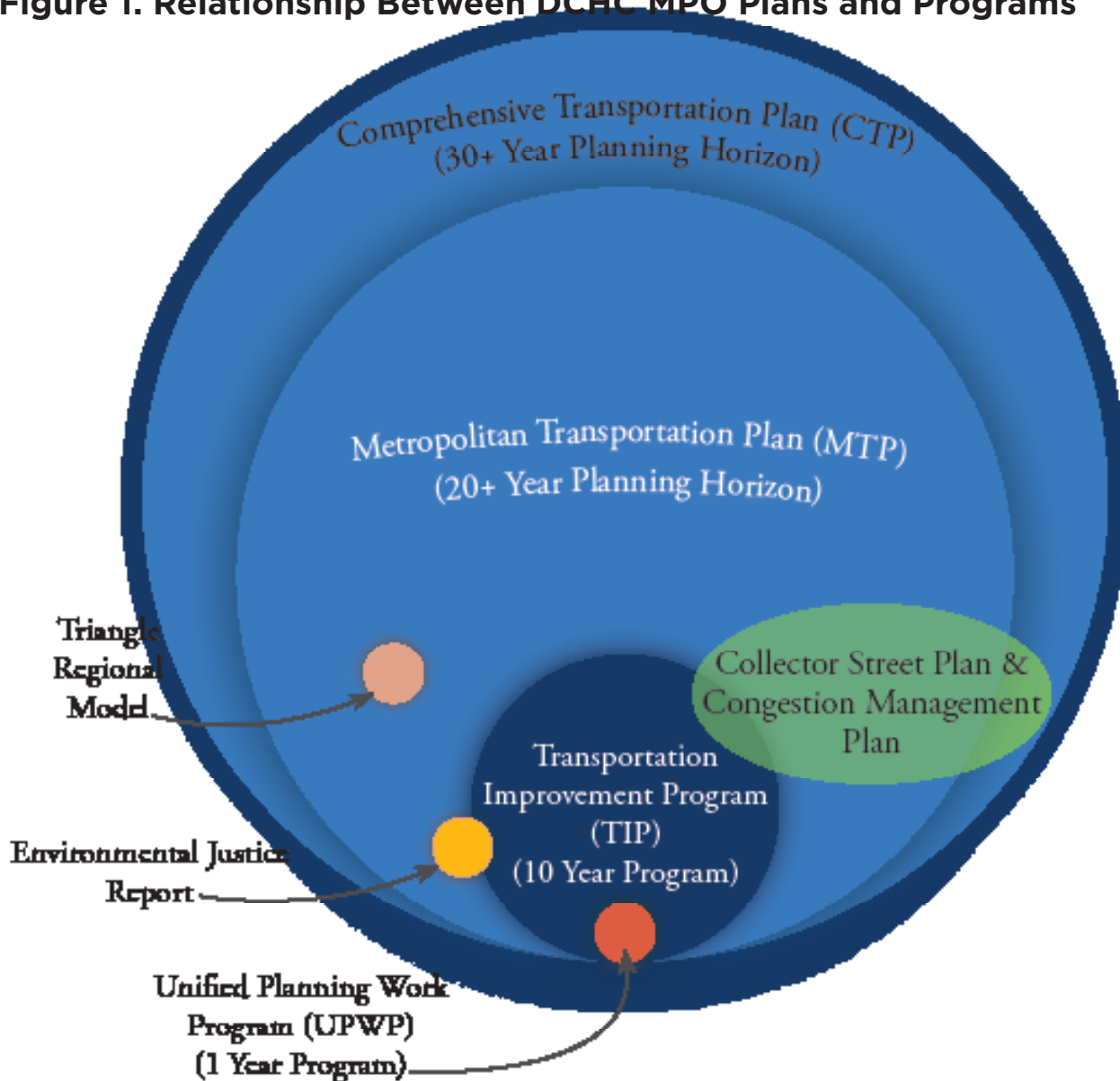
The MTIP is a ten-year work program that lists all regionally significant and federally funded projects and transportation services in the MPO planning area. MTIP projects include highway and street projects, public transit projects, bicycle/

pedestrian enhancement projects, and rail corridor improvement projects. Any project included in this MTIP must be consistent with the 2040 MTP; this ensures that the MTIP is fiscally constrained by estimated future revenues. The MTIP can be amended to account for changes in funding or need.

2.4 Unified Planning Work Program

The Unified Planning Work Program (UPWP) is a one-year plan developed to

Figure 1. Relationship Between DCHC MPO Plans and Programs



focus work efforts of MPO Lead Planning Agency (LPA) staff, MPO TC members, and consultants using planning funds in the upcoming fiscal year. All federally funded planning activities must conform to federal planning requirements and be listed in the UPWP.

2.5 Other MPO Plans

In addition to those described above, DCHC MPO also works on other plans that inform the development of the MTIP. These include, but are not limited to:

- Collector Street Plans, which inform where new roadways may be required;
- Corridor Plans, which identify potential projects to be considered for an upcoming MTP;
- Congestion Management Plan, which identifies future trouble spots for traffic congestion;
- The Triangle Regional Model (TRM), which is used in the development of the MTP; and
- The Environmental Justice Report, which identifies populations that have either been underserved or unduly negatively affected by past transportation efforts.

3. RELATIONSHIP BETWEEN DCHC MPO MTIP AND THE STATE TRANSPORTATION IMPROVEMENT PROGRAM

The DCHC MPO's MTIP is works in coordination with the State of North Carolina's State Transportation Improvement Program (STIP), developed by the North Carolina Department of Transportation (NCDOT), which denotes the scheduling and funding of construction projects located across the state over a minimum four-year time period as required by state and federal laws.

Both the MTIP and the STIP cover a 10-year period, with the first five years (2018-2022 in this version) referred to as the delivery program and the latter five years (2023-2027 in this version) as the developmental program. Per 23 CFR 450.216 & 23 U.S. Code § 135 the State of North Carolina's STIP's must also:

- Be submitted to FHWA and FTA for approval at least every four years;
- Be fiscally constrained by year;
- Include all capital and non-capital projects using Title 23 USC or Title 49 USC funds, other than certain safety, planning, and research funds;
- Include metropolitan TIPs from MPOs; and
- Provide opportunity for public comment on the STIP document.

The NCDOT STIP must also include the following information:

- Project description and termini;
- Estimated total cost (NCDOT includes Utility, Right of Way, and Construction costs);



The DCHC MPO MTIP is a subset of the NCDOT's STIP and is incorporated into the STIP

- Federal funds to be obligated; and
- Responsible agency (such as the state or a municipality).

Both the MTIP and the STIP are updated every two years and developed based on federal and state revenue forecasts, NCDOT's Strategic Prioritization process, and preconstruction and project development timetables. The MTIP and STIP must adhere to federal and state laws. North Carolina state law requires MPO Board action to approve the MTIP and NCDOT Board of Transportation (BOT) action to approve the STIP.

The FY2018-2027 MTIP and STIP are both developed under and conform

to the Strategic Transportation Investments (STI) law passed in June 2013. This legislation elevates the use of transportation criteria and the input of local communities to determine project priorities and directs the use of dollars from the state's Highway Trust Fund for construction.

4. ORGANIZATION OF THIS DOCUMENT

This FY2018-27 MTIP contains the following required documents:

Chapter 2 describes the development of the MTIP, and includes the local methodology for determining which projects to move forward in the prioritization process.

Chapter 3 includes the financial plan and statements affirming the fiscal constraints of the MTIP.

A list of appendices follows, including:

- Appendix A, which lists all projects included in the MTIP, organized by Division;
- Appendix B, which lists the following:
 - Projects added to the MTIP after the adoption of the STIP, using STBGDA and CMAQ funds assigned to DCHC MPO through the STIP;
 - Changes to the STIP by the DCHC MPO Board after its adoption;
 - All projects and amendments to the STIP in STIP format.
- Appendix C, which lists all projects submitted for prioritization in P4.0 and the local points assigned;
- Appendix D, which describes the public involvement process for this MTIP;

- Appendix E, which describes the amendment process for this MTIP;
- Appendix F, a glossary of terms commonly used throughout the MTIP.

Draft FY2018-2027

Metropolitan Transportation Improvement Program

CHAPTER 2: PROGRAM DEVELOPMENT

1. PROGRAM DEVELOPMENT

1.1 Project Identification

Projects under consideration for inclusion in the MTIP must first be determined as priorities of the Metropolitan Transportation Plan (MTP). The development of the FY2018-2027 MTIP program of projects initially began with the development of the 2040 MTP in 2012 and 2013. During the 2040 MTP process, the DCHC MPO developed a process to identify and evaluate priority projects to help determine which projects will best facilitate the DCHC MPO region's long-term vision. The process is based on both federally defined planning factors and locally developed project evaluation factors.

1.2 Federal Planning Factors

Project prioritization and selection is partially based on the eight planning factors identified in the current federal transportation legislation, the Fixing America's Surface Transportation Act (FAST Act), which requires MPOs to focus efforts on the development and implementation of regional strategies that:

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;

- Increase the accessibility and mobility options available to people and for freight;
- Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation;
- Emphasize the preservation of the existing transportation system;
- Improve transportation system resiliency and reliability;
- Reduce or mitigate stormwater impacts of surface transportation; and
- Enhance travel and tourism.

Additionally, TMAs are expected to consider land use implications, strategies to improve transit service, transportation system management, inter-modal connectivity, and urban congestion management in the planning and programming process. Projects to relieve congestion are given particular priority. As such, project prioritization for the 2040 MTP is consistent with the MPO's recently adopted Congestion Management Process (CMP).

1.3 Goals & Objectives of the DCHC MPO in the 2040 MTP

There are nine goals the DCHC MPO identified, defined, and presented in the adopted 2040 MTP. Each of the nine goals are supported by a unique set of objectives that serve to guide the MPO toward achieving the goals.

1. Overall Transportation System

Goal: A safe, sustainable, efficient, attractive, multi-modal transportation system that: supports local land use; accommodates trip making choices; maintains mobility and access; protects the environment and neighborhoods; and improves the quality of life for urban area residents.

Objectives:

- A. Establish performance standards that will measure the effectiveness of the urban area's overall transportation system in supporting access to goods, services, activities, and destinations.
- B. Select and program transportation projects, which are consistent with community goals and are a cost-effective use of funds.
- C. Develop and maintain a multi-modal regional transportation model that reflects travel patterns and incorporates innovative techniques for evaluating the impacts of proposed transportation investments on travel and land use patterns.
- D. Promote non-automobile

transportation alternatives and create efficient connections between all transportation modes.

- E. Conserve natural resources and reduce the rate of energy consumption.
- F. Develop cooperative strategies with employers to reduce congestion and increase the efficiency of the transportation system.
- G. Use transportation funds based on the priority needs of the urban area, in keeping with community values.
- H. Seek additional funding and funding sources to ensure implementation of the long range plan.
- I. Monitor the implementation of the Plan and the targets through the biannual TIP process.
- J. Ensure that the transportation needs are met for all populations, especially for the youth and elderly, the mobility impaired, and the economically disadvantaged.
- K. Work cooperatively with the North Carolina Department of Transportation, neighboring Metropolitan Planning Organizations and Rural Planning Organizations and other transportation-related organizations to address the transportation issues of the broader region.

2. Multi-Modal Street and Highway System

Goal: An attractive multi-modal street and highway system that allows people and goods to be moved safely, conveniently,

and efficiently.

Objectives:

- A. Establish performance standards and report on the condition and effectiveness of the multi-modal street and highway system.
- B. Create multi-modal street patterns that: encourage safe pedestrian, bicycle, and vehicular travel; provide access to public transportation; and ensure connectivity.
- C. Develop and implement level of service (LOS) standards for the urban area that are based on a cooperative agreement between state and local agencies.
- D. Preserve and enhance the traffic carrying capacity of arterial street systems, while minimizing traffic intrusion in residential neighborhoods.
- E. Identify and recommend design standards that: establish safe speeds; increase pedestrian and bicycle usage of streets; and enhance the attractiveness and appeal of the street and highway system.

3. Public Transportation System

Goal: A convenient, accessible, and affordable public transportation system, provided by public and private operators, that enhances mobility and economic development.

Objectives:

- A. Establish performance standards

and report on the condition and effectiveness of the public transportation system.

- B. Increase public transit ridership by enlarging the service area and increasing the frequency of service within the urban area.
- C. Coordinate transit service within the urban area by promoting high quality, seamless, integrated, and customer-friendly service.
- D. Expand ridesharing, carpool, and vanpool services and opportunities.
- E. Develop and implement alternatives to the use of single occupant vehicles, including high occupancy vehicle (HOV) facilities and regional rail services.
- F. Develop and implement the Regional Transit Plan.
- G. Develop a regional Park and Ride system for cars and bicycles to support transit services and encourage ridesharing.

4. Pedestrian and Bicycle System

Goal: A pedestrian and bicycle system that: provides a safe alternative means of transportation; allows greater access to public transit; supports recreational opportunities; and includes off-road trails.

Objectives:

- A. Establish performance standards and report on the condition and effectiveness of the pedestrian and bicycle system.
- B. Maintain and implement a Regional

Pedestrian Plan and a Regional Bicycle Plan.

- C. Identify and recommend ways that local governments may provide adequate staff and resources to meet the goals of their pedestrian and bicycle programs.
- D. Develop a regional bicycle and pedestrian policy that establishes linkages between activity centers and provides for access to public transit.
- E. Ensure that bicycle and pedestrian facilities are included in the planning, design, and construction of every roadway and development project, including the connection to external transportation facilities, in accordance with bicycle and pedestrian plans and local ordinances.
- F. Increase education about bicycling and walking, especially concerning the benefits of pedestrian and bicycle alternatives.
- G. Support the enforcement of motor vehicle, pedestrian and bicycle regulations.
- H. Pursue strong funding commitment for building both pedestrian and bicycle facilities.
- I. Provide greater safety for pedestrians and bicyclists of all levels of ability, and safer interaction with users of other modes of transportation.
- J. Encourage the efforts and activities of citizen advocacy groups for

pedestrian and bicycling by providing information and support for their programs.

5. Integration of Land Use and Transportation

Goal: A Transportation Plan that is integrated with local land use plans and development policies.

Objectives:

- A. Establish performance standards and report on the integration and consistency of the Transportation Plan with local land use plans and development policies.
- B. Create transportation systems that enhance the livability of all communities.
- C. Identify the impacts of different land use patterns and site designs on travel behavior.
- D. Evaluate the changes in land use brought about by the expansion of existing transportation facilities and the construction of new facilities.
- E. Identify and recommend land use patterns, parking requirements and development policies that increase overall mobility and that improve and support transportation efficiency, and compact, mixed-use, transit-friendly, and walkable development.

6. Protection of Natural Environment and Social Systems

Goal: A multi-modal transportation system which provides access and

mobility to all residents, while protecting the public health, natural environment, cultural resources, and social systems.

Objectives:

- A. Establish performance standards and report on transportation impacts on the public health, natural environment, cultural resources, and social systems.
- B. Protect and preserve archaeological, historic, and culturally valuable areas.
- C. Identify and protect environmentally sensitive areas early in the planning process.
- D. Develop and implement modifications to the transportation system that reduce the rate of growth in vehicle miles traveled (VMT).
- E. Modify the transportation system to reduce the pollutants in highway runoff and the vehicle emissions, in accordance with federal, state and local Clean Air and Water legislation.
- F. Minimize the noise and dust generated by transportation facilities in neighborhoods and the urban area.
- G. Ensure that transportation facilities do not negatively affect disadvantaged populations disproportionately.
- H. Develop and implement a transportation system that supports the reduction of greenhouse gases

and carbon production and is coordinated with local greenhouse gas and carbon reduction plans.

7. Public Involvement

Goal: An ongoing program to inform and involve citizens throughout all stages of the development, update, and implementation of the Transportation Plan.

Objectives:

- A. Establish performance standards and report on the effectiveness of the public involvement element of the Transportation Plan.
- B. Encourage a broad cross section of citizens to take a proactive role in the transportation policy and planning process.
- C. Educate the public and elected officials, in order to increase public understanding of both the options and the constraints of transportation alternatives.
- D. Determine the public’s knowledge of the metropolitan transportation system, and public values, attitudes and concerns regarding transportation.
- E. Determine which elements of the Transportation Plan would support or diminish the public’s desired lifestyle.

8. Safety and Security

Goal: Continue to improve transportation safety and ensure the security of the transportation system.

Objectives:

- A. Reduce fatality, injury, and crash/ incident rates on all modes.
- B. Reduce vulnerability of transportation facilities/users to terrorists, natural disasters and risks by implementing and monitoring an evacuation plan, and working with the regional emergency management team.
- C. Reduce economic losses due to transportation crashes and incidents.
- D. Improve the ability to identify high accident locations, and evaluate their impacts in TIP project prioritization.
- E. Provide a safe environment for transportation users through the “3 Es” (Engineering, Enforcement, and Education).
- F. Increase transit safety and security for riders and employees.

9. Freight Transportation and Urban Goods Movement

Goal: Improve mobility and accessibility of freight and urban goods movement.

Objective:

- A. Relieve congestion on heavily traveled truck routes, including through the encouragement of expanded rail transportation.
- B. Improve mobility and access to intermodal operations and facilities.
- C. Establish and designate truck routes

consistent with federal, state and local regulations.

2. Strategic Transportation Investments law

Former Governor Pat McCrory signed House Bill 817, Strategic Transportation Investments (STI) into law on June 26th, 2013 to replace the State of North Carolina’s Equity Formula previously used to divide available funding among different areas of the state and different types of projects.

There are three major categories for transportation-related investments within STI. These categories are based on their function in the overall transportation system. Projects on the interstate highways and roadways within the North Carolina Strategic Transportation Corridors Network, as well as the North Carolina Railroad, are part of the Statewide Mobility category; projects on other US or NC designated routes, as well as multi-jurisdictional transit projects, are part of the Regional Impact category. All other projects on the state road system, as well as all bicycle and pedestrian projects regardless of location and transit projects located within a single county or municipality, are part of the Division Needs category.¹

Projects are allowed to cascade down to a lower category, so a Statewide Mobility project may be funded out of Regional Impact or Division Needs money. However, projects cannot cascade up, so the reverse is not possible.

3. Strategic Mobility Formula

The Strategic Mobility Formula is part of the STI law that replaced the state's Equity Formula. The new Strategic Mobility Formula divides the Department of Transportation's budget into three classifications for distributing available revenue: State, Region, and Division:

- **Statewide Mobility:** 40 percent of funds within the FY2018-27 STIP will go to statewide Statewide Mobility projects that include interstate highways, major U.S. and N.C. highways, Strategic Defense highways, airports with international passenger service or large numbers of passengers, and key freight service rail lines. This category of projects will be entirely data-driven, meaning decisions will be based on data points such as traffic volume, crash statistics, economic competitiveness and freight movement. However, local officials will have the opportunity to submit candidate projects for consideration and share in their funding.
- **Region:** 30 percent of funds will go to regional impact projects. Each of the seven regions consist of two adjoining Transportation Divisions. The Regional category allows local officials to provide their input on intrastate and regional projects. Because regional needs vary from one area of the state to another, there is flexibility to allow urban areas to address urban needs and

rural areas to address rural needs.

- **Division:** 30 percent of funds will be distributed equally to the state's 14 Transportation Divisions for projects that address local concerns, such as safety, congestion and connectivity. The Division category allows local officials to provide 50 percent of the project score, which will allow them to greatly influence which projects get funded in their areas.

4. Strategic Prioritization in North Carolina

The North Carolina Department of Transportation manages a strategic project prioritization process for the development of the STIP. Strategic prioritization uses transportation data as well as the input of local government partners and the public to generate scores and rankings of projects across the state. Multiple public input opportunities were provided regarding the submittal of new projects and the assignment of local points to projects.

Projects assigned to the three different categories were scored based on different formulas for each category. Each formula includes outputs of the state's quantitative data-driven process and the assignment of local input points by MPOs, RPOs, and Division Engineers.

The projects in the Statewide Mobility category were scored 100 percent based on the quantitative data-driven process established by STI.

Projects in the Regional Impact category

were scored 70 percent based on the quantitative data-driven criteria. The remaining 30 percent of scores for projects in the Regional Impact category were split evenly between the NCDOT Division Engineers and the MPO or RPO.

Projects in the Division Needs category were scored 50 percent based on the quantitative data-driven criteria established by STI. The remaining 50 percent of scores for projects in the Division Needs category were split evenly between NCDOT Division Engineers and MPO or RPO.

4.1 Results of Prioritization 4.0

The fourth iteration of the prioritization process (P4.0) resulted in each transportation mode using different quantitative criteria, measures, and weights to provide technical scores for projects.

Also, per the intent of STI, for transportation modes to compete for funding, a normalization process was recommended in order to create minimum percentages of funding for highway and non-highway projects in the combined Regional Impact and Division Needs categories. The minimum percentage for highways was 90 percent and minimum percentage for non-highways was four percent. The remaining six percent was “flex” that could go to either highway or non-highway.

The results of the P4.0 process do not necessarily mean that projects will be programmed in the order of their score and rank. Over the 10-year TIP program, funding was provided to the highest

scoring projects. However, there are other considerations and factors in developing the actual program of projects in the MTIP and STIP (Figure 1 on page 2-9). A major factor in deciding when the top scoring projects are funded is project delivery time. Projects need to fulfill a series of environmental and preliminary engineering requirements, right-of-way must be purchased, utility relocation (where applicable) must be addressed, and final plans must be developed for lettings. The time period to accomplish these preconstruction activities can be lengthy.

Construction funding cannot be allocated to projects before preconstruction activities have taken place. There are also STI law provisions (including a corridor cap and individual modal caps) which directed programming decisions. The entire program of projects must budget and fiscal constraint requirements per state and federal law.

4.2 DCHC MPO Local Ranking Methodology

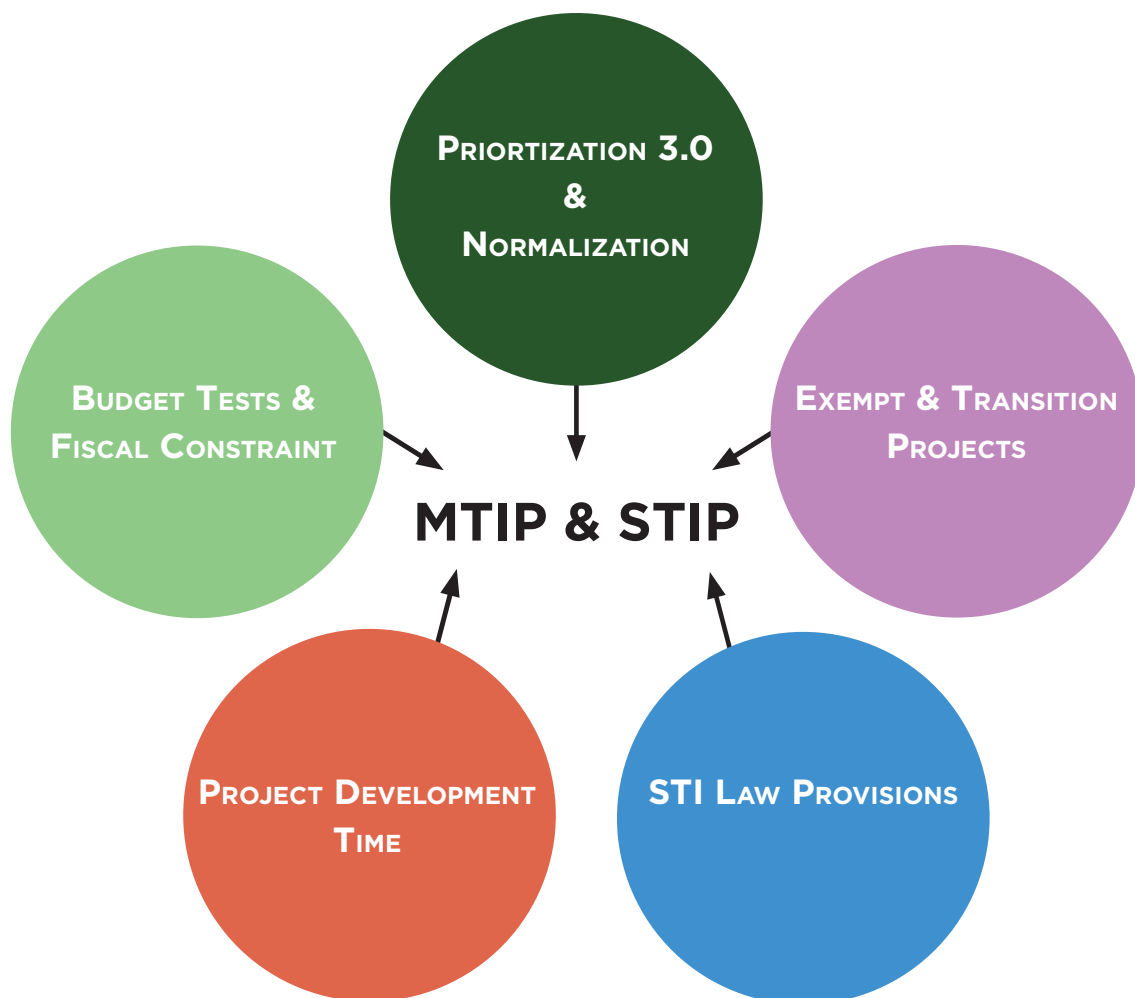
All of the regional transportation planning organizations and NCDOT Division Engineers were required to develop a Local Ranking Methodology for assigning local input points to projects in advance of the actual project scoring process. The DCHC MPO Board approved the MPO’s methodology on March 9, 2016. The DCHC MPO’s approved methodology is included at the end of this chapter. The actual points assigned to each project is shown in the appendices.

4.3 DCHC MPO Local Input Points

After the DCHC MPO Board approved the Local Ranking Methodology, the MPO applied the methodology to develop scores for all submitted projects. According to the adopted methodology, some of the MPO's points were to be assigned by following a formula and some of the points are to be assigned by discretion of the MPO Board (flexible points). The MPO methodology assigns

flexible points to projects to make sure that the project cannot be overtaken by a lower scoring project and presumes that the Division Engineer will assign 100 points to each project. The results of the MPO's project scoring process are located in the appendices.

Figure 1. MTIP & STIP Development Considerations and Factors



**DURHAM-CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING ORGANIZATION
METHODOLOGY FOR IDENTIFYING AND RANKING NEW
TRANSPORTATION IMPROVEMENT PROGRAM
PROJECT REQUESTS**

INTRODUCTION

According to U.S. Code 23 Section 134, Metropolitan Planning Organizations (MPOs) are required to develop a Transportation Improvement Program (TIP) in cooperation with the State and public transportation providers through a performance-driven, outcome-based approach to planning. The TIP should contain projects consistent with the Metropolitan Transportation Plan (MTP) and should reflect the investment priorities established in the current MTP. There should be the opportunity for public participation in developing the TIP including consultation, as appropriate, with State and local agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation.

Furthermore, as a Transportation Management Area (TMA), according to U.S. Code 23 Section 134, all federally funded projects within the Durham-Chapel Hill-Carrboro (DCHC) MPO (excluding projects carried out on the National Highway System) shall be selected for implementation from the approved TIP by the MPO in consultation with the State and any public transportation provider or operator. Projects on the National Highway System shall be selected for implementation from the TIP by the State in cooperation with the MPO.

North Carolina's Strategic Transportation Investments (STI) legislation, passed in 2013, establishes a formula and process by which transportation funding is distributed across the state and across transportation modes. The outcome of the STI process is the draft State Transportation Improvement Program (STIP). The STI legislation applies uniformly across the state regardless of the boundaries of MPOs and TMA. The STI legislation requires the identification and submittal of potential transportation projects by the North Carolina Department of Transportation (NCDOT) and the MPO, the evaluation of projects according to a NCDOT-developed quantitative scoring methodology, and the allocation of ranking points among certain projects by NCDOT and the MPO.

The Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) *Methodology for Identifying and Ranking TIP Project Requests* describes the processes that the DCHC MPO will follow to identify projects that will be submitted for evaluation to NCDOT during the NCDOT Strategic Prioritization Office of Transportation's (SPOT) Prioritization process. When the results of the SPOT Prioritization process are made available, the DCHC MPO will follow this Methodology to rank projects and assign Local Input Points to high priority projects. This Methodology is designed to address the federal requirement that the TIP be consistent with the projects and investment priorities of the MPO's MTP while being compatible with the state's STI process.

The DCHC MPO retains the authority to develop the TIP for the MPO area as required by federal regulations. Participation in the STI process through submitting projects for evaluation and/or allocating Local Input Points to projects does not require the MPO to include these projects in the TIP.

OBJECTIVE

The Methodology described herein is designed to address multi-modal transportation needs, ensure regional balance, and prioritize projects that are needed based on technical criteria. The goal is to

produce a project priority ranking which satisfies MPO goals, is simple enough for project-level analysis without requiring unnecessary data collection, and is understandable by the general public.

The DCHC MPO's Technical Committee (TC) will use the Methodology to generate a list of priority projects to submit to the NCDOT SPOT for quantitative scoring. While the Methodology is designed to comprehensively address the DCHC MPO's transportation needs, there will always be factors that are not easily measured but should still be considered in the development of the DCHC MPO's priorities. The DCHC MPO TC will make its technical recommendation for the prioritization of projects based on the methodology described in this document, and the DCHC MPO Board will then be afforded the opportunity to make changes with appropriate documentation. All public involvement for this process will be conducted in accordance with the DCHC MPO's adopted [Public Involvement Policy](#).

Steps and schedule for submission of DCHC MPO projects to NCDOT for evaluation:

Summer 2015	DCHC MPO reviews existing projects and makes a recommendation to the DCHC MPO Board
Summer 2015	DCHC MPO Board votes on any proposed changes to existing projects
September 2015	Deadline to modify or delete an existing project.
October 2015	DCHC MPO Board votes on new highway, public transportation, rail, and bicycle/pedestrian projects to submit for Prioritization 4.0.
November 2015	Highway, rail, bicycle/pedestrian, public transportation project submission deadline for Prioritization 4.0.

Steps and schedule for updating the DCHC MPO's Methodology for Identifying and Ranking TIP Project

Requests:

Summer 2015	MPO TC approves a local project prioritization methodology for projects being submitted to NCDOT SPOT On!ine
Summer 2015	TC forwards local project prioritization methodology to DCHC MPO Board for review and approval
Summer 2015	DCHC MPO Board approves local project prioritization methodology
Winter 2015	DCHC MPO develops <i>Methodology for Identifying and Ranking TIP Project Requests</i> document
Winter 2015	DCHC MPO TC reviews the <i>Methodology for Identifying and Ranking TIP Project Requests</i> and forwards Methodology to the DCHC MPO Board for approval
Winter 2015	DCHC MPO Board releases the <i>Methodology for Identifying and Ranking TIP Project Requests</i> for public review and comment period
Winter 2015	DCHC MPO forwards the <i>Methodology for Identifying and Ranking TIP Project Requests</i> to NCDOT for NCDOT Review Committee review
Spring 2016	DCHC MPO Board receives public comment on the <i>Methodology for Identifying and Ranking TIP Project Requests</i>
Spring 2016	DCHC MPO Board approves the <i>Methodology for Identifying and Ranking TIP Project Requests</i> with any public comments incorporated

Steps and tentative schedule for the allocation of Local Input Points:

February/March 2016	DCHC MPO receives results of the NCDOT SPOT scoring process for Statewide, Regional, and Division projects
March 2016	DCHC MPO ranks Regional projects for the assignment of Local Input Points
June 2016	DCHC MPO Board holds public hearing for the ranking of Regional projects and the assignment of Local Input Points
June 2016	DCHC MPO Board approves assignment of Local Input Points to Regional projects
June 2016	DCHC MPO submits Regional projects, with Local Input Points assigned to NCDOT
June/July 2016	DCHC MPO ranks Division projects for the assignment of Local Input Points
August 2016	DCHC MPO Board holds public hearing for the ranking of Division projects and the assignment of Local Input Points
August 2016	DCHC MPO Board approves assignment of Local Input Points to Division projects
August/Sept 2016	DCHC MPO submits Division projects, with Local Input Points assigned to NCDOT
Sept/Oct 2016	DCHC MPO facilitates open house workshop to present results of MPO project prioritization process and Local Input Points allocation

DCHC MPO GOALS FOR THE METHODOLOGY FOR IDENTIFYING AND RANKING TIP PROJECTS

The *Methodology for Identifying and Ranking TIP Projects* should result in a list of projects that are a subset of the DCHC MPO Metropolitan Transportation Plan (MTP). For this reason, the goals for the Methodology are the same as the goals of the DCHC MPO, as presented in the adopted 2040 MTP. The goals of the 2040 MTP are as follows:

- A safe, sustainable, efficient, attractive, multi-modal transportation system that: supports local land use; accommodates trip-making choices; maintains mobility and access; protects the environment and neighborhoods; and improves the quality of life for urban area residents.
- An attractive multi-modal street and highway system that allows people and goods to be moved safely, conveniently, and efficiently.
- A convenient, accessible, and affordable public transportation system, provided by public and private operators, that enhances mobility and economic development.
- A pedestrian and bicycle system that: provides a safe alternative means of transportation; allows greater access to public transit; supports recreational opportunities; and includes off-road trails
- A Transportation Plan that is integrated with local land use plans and development policies.
- A multi-modal transportation system which provides access and mobility to all residents, while protecting the public health, natural environment, cultural resources, and social systems.
- An ongoing program to inform and involve citizens throughout all stages of the development, update, and implementation of the Transportation Plan.
- Continue to improve transportation safety and ensure the security of the transportation system.
- Improve mobility and accessibility of freight and urban goods movement.

PROCEDURE FOR IDENTIFYING PROJECTS FOR SUBMISSION TO NCDOT SPOT FOR EVALUATION

1) Submission of Local Priority Lists to the MPO

All MPO member jurisdictions and agencies will submit a local priority list to the MPO. The DCHC MPO requests that the MPO members apply initial screening criteria during the development of their respective lists. The initial screening criteria are listed below in this section. In addition to the initial screening criteria, MPO members may also want to consider reviewing Section 2 of this Methodology for guidance on the NCDOT's SPOT scoring criteria. The DCHC MPO will apply the NCDOT's scoring criteria when considering new project requests from DCHC MPO member jurisdictions and agencies.

Initial Screening Criteria

- a) Regional Goals - How well does the project meet the adopted regional goals? Is the project an element of the current MTP? Does it implement community objectives? For the intrastate system, does it meet NCDOT mobility objectives? Does the project have a broad base of local support?
- b) Cost Effectiveness - How much benefit does the project offer compared to the estimated cost?
- c) Timing – Is the project needed within the TIP funding cycle? Is timing a critical element for the project (one-time opportunity)? Will the opportunity to do the project be lost if it is not in the current priority cycle?

DCHC MPO member jurisdictions and agencies may also elect to use a ranking methodology to create their local priority lists but only public transportation operators are required to do so. The subcommittee and TC will review local priority lists for adherence to these initial screening criteria and apply the NCDOT scoring criteria listed in Section 2 of this Methodology, before recommending the submission of these projects to the NCDOT SPOT Online tool.

DCHC MPO member jurisdictions and agencies shall provide the DCHC MPO a list of projects. The MPO member jurisdictions and agencies shall provide a short description of the project, including the project limits, name, mileage, and cost. The description should note any essential elements of the project such as bike lanes, sidewalks, transit accommodations, vehicle types, and other important project information. If a project exists in more than one jurisdiction, all jurisdictions must be in agreement on the proposed scope and details of the project.

2) Submission of Projects to the STI Process

For the 2018-2027 TIP, the DCHC MPO will submit projects to NCDOT's SPOT office by November 2015, for the application of the NCDOT's quantitative ranking methodology. The MPO is limited in the number of new projects that may be submitted for each mode (highway, bicycle and pedestrian, public transportation, aviation, ferry and rail), but can submit an additional project for each existing project removed from the system. NCDOT Division Engineers can also submit projects for each of their Divisions but are also limited in the number of new projects per mode that may be submitted.

DCHC MPO will combine the local priority lists into a list that the MPO will use to prioritize projects for submission into the NCDOT's SPOT Online tool. In the event that more highway, bicycle and pedestrian, public transportation, or rail projects are submitted to the MPO than the MPO is allowed submit to NCDOT, the DCHC MPO will score, rank, and select projects based the NCDOT scoring criteria for each mode listed within Section 2 of this Methodology. There are no ferry or aviation projects located in the DCHC MPO area so the DCHC MPO's prioritization efforts are focused on projects in the remaining transportation modes. The DCHC MPO will request that the Division Engineers submit any additional projects that the DCHC MPO may not be able to submit because the MPO is limited in the number of projects that may be submitted.

DCHC MPO Preliminary Project Ranking

Highway Projects

Highway projects may be scored and funded by any of the three funding categories (Statewide, Regional, or Division). The NCDOT has developed a different highway project scoring process for each of the three funding categories. The DCHC MPO will utilize the scoring processes developed by NCDOT to preliminarily rank projects to be submitted to NCDOT SPOT for evaluation. A project that is eligible for the Statewide funding category but is not funded under that category can cascade down to the Regional category for evaluation and possible funding. If the project is not funded under the Regional category, the project may cascade down to the Division category for evaluation and possible funding.

The NCDOT SPOT process limits the number of high priority projects that MPOs may submit. In the event that more new project requests are received than the MPO can submit, the DCHC MPO will apply a **preliminary ranking** for each funding category based on the NCDOT scoring criteria for each funding category listed below. Recent data for the ranking criteria must be available for the project

to be evaluated. The scoring criteria were developed by the NCDOT to reflect the SPOT 4.0 Workgroup recommendations that were approved by the NCDOT Board of Transportation in July 2015.

NCDOT and DCHC MPO Scoring Criteria for Highway Projects

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility	<p>Benefit/Cost = 25%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 30%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway, weighted by the total traffic volume along the roadway. <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> Measurement of the estimated number of long-term jobs and the % change in economic activity within the county that the project is expected to provide over 10 years. <p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Multimodal [+ Military] = 5%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to multimodal passenger terminals. <p>Freight [+ Military] = 15%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Total = 100%</p>	--	--
Regional Impact	<p>Benefit/Cost = 20%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 20%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway, weighted by the total traffic volume along the roadway. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Accessibility/Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and whether the project upgrades how the roadway functions. Goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Freight [+ Military] = 10%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%

NCDOT and DCHC MPO Scoring Criteria for Highway Projects - continued

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Division Needs	<p>Benefit/Cost = 15%</p> <ul style="list-style-type: none"> Measurement of travel time savings and safety benefits the project is expected to provide over 10 years compared to the cost of the project to NCDOT. <p>Congestion = 15%</p> <ul style="list-style-type: none"> Measurement of the Peak ADT traffic volume on the roadway compared to the existing capacity of the roadway. <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Freight [+ Military] = 5%</p> <ul style="list-style-type: none"> Measurement of congestion along routes that provide connections to freight intermodal terminals and routes that have high truck volumes. <p>Accessibility/Connectivity = 5 %</p> <ul style="list-style-type: none"> Measurement of county economic distress indicators and whether the project upgrades how the roadway functions. Goal of improving access to opportunity in rural and less-affluent areas and improving interconnectivity of the transportation network. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transportation Projects

Public Transportation projects may be scored and funded by the Regional or Division funding categories. Different types of public transportation projects (vehicle, passenger facility, administrative/maintenance/operations facility, and fixed guideway) have different scoring processes for the Regional and the Division categories. Because of the different project types and the different funding categories, the DCHC MPO requested that public transportation operators review the NCDOT scoring criteria and prioritize their own new project requests based on the NCDOT scoring criteria before submitting their project lists to the MPO.

Three of the public transportation operators in the DCHC MPO will have the opportunity to submit 10 projects and Orange Public Transit will have the opportunity to submit five. The SPOT process limits the number of high priority projects that MPOs may submit. If all public transportation operators submit the maximum number of projects, this will result in the DCHC MPO receiving more projects than the MPO can submit to NCDOT. The DCHC MPO will coordinate with the Division Engineers with the hope that the Division Engineers would be able to submit projects that the DCHC MPO cannot submit.

NCDOT and DCHC MPO Scoring Criteria for Public Transportation Projects

Public Transit Scoring (Vehicle)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual hours of operation compared to the number of vehicles in the fleet. <p>System Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual miles compared to the 3 year average of reported incidents. <p>Impact = 20%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of the total projected passenger trips compared to the cost of the project to the state. <p>Market Share = 10%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Funding Category	Quantitative Data	Division Input	MPO/RPO Input
Division Needs	<p>Access = 5%</p> <ul style="list-style-type: none"> Measurement of the reported annual hours of operation compared to the number of vehicles in the fleet. <p>System Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the reported annual miles compared to the 3 year average of reported incidents. <p>Impact = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the total projected passenger trips compared to the cost of the project to the state. <p>Market Share = 5%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transit Scoring (Passenger Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Impact = 20% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p style="text-align: center;">OR</p> <p>Age = 20% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Funding Category	Quantitative Data	Division Input	MPO/RPO Input
Division Needs	<p>Impact = 15% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the number of existing passenger trips. <p style="text-align: center;">OR</p> <p>Age = 15% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%) passenger trips.</p> <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> Measurement of the total projected passenger trips compared to the cost of the project to the state. <p>Market Share = 5%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transit Scoring (Admin/Maintenance/Operations Facility)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Impact = 20% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the existing and additional capacity compared to the existing capacity. <p>OR</p> <p>Age = 20% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Division Needs	<p>Impact = 15% (Expansion projects only)</p> <ul style="list-style-type: none"> Measurement of the existing and additional capacity compared to the existing capacity. <p>OR</p> <p>Age = 15% (Non-expansion projects)</p> <ul style="list-style-type: none"> Age of the facility divided by 45 years (considered the useful life). <p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> Measurement of existing annual passenger trips compared to the cost of the project to the state. <p>Market Share = 15%</p> <ul style="list-style-type: none"> Measurement of the number of existing and projected annual passenger trips compared to the population in the service area. <p>Ridership Growth = 15%</p> <ul style="list-style-type: none"> Growth trend of ridership over the past 5 years. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transit Scoring (Fixed Guideway)

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Mobility = 20%</p> <ul style="list-style-type: none"> • Measurement of the projected annual trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> • Measurement of the cost per trip over the life of the project. <p>Economic Development = 20%</p> <ul style="list-style-type: none"> • Measurement of the projected new employment and population growth in the fixed guideway corridor over 20 years. <p>Congestion Relief = 15%</p> <ul style="list-style-type: none"> • Measurement of the projected travel time savings to a passenger over 30 years. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Division Needs	<p>Mobility = 15%</p> <ul style="list-style-type: none"> • Measurement of the projected annual trips. <p>Cost Effectiveness = 15%</p> <ul style="list-style-type: none"> • Measurement of the cost per trip over the life of the project. <p>Economic Development = 10%</p> <ul style="list-style-type: none"> • Measurement of the projected new employment and population growth in the fixed guideway corridor over 20 years. <p>Congestion Relief = 10%</p> <ul style="list-style-type: none"> • Measurement of the projected travel time savings to a passenger over 30 years. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Bicycle and Pedestrian Projects

Bicycle and pedestrian projects are scored and funded by the Division funding category. Unlike highway projects and public transportation projects, the NCDOT utilizes only one scoring process for bicycle and pedestrian projects. The DCHC MPO will utilize the scoring processes developed by NCDOT to preliminarily rank projects to be submitted to NCDOT SPOT for evaluation.

The SPOT process limits the number of high priority projects that MPOs may submit. Therefore, in the event that the DCHC MPO receives more new project request than can be submitted, the DCHC MPO will apply a **preliminary ranking** for each funding category based on the NCDOT criteria for each funding category listed below. The criteria were developed by the NCDOT to reflect the SPOT 4.0 Workgroup recommendations that were approved by the NCDOT Board of Transportation in July 2015.

NCDOT and DCHC MPO Scoring Criteria for Bicycle and Pedestrian Projects

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Division Needs	<p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of number of bicycle and/or pedestrian crashes, speed limit, and safety benefits to determine adequacy of safety for users of the project. <p>Access = 10%</p> <ul style="list-style-type: none"> Measurement of the quantity and significance of destinations associated with the project as well as the distance to the primary destination. Measures benefit to the community as a result of constructing the project. <p>Demand = 10%</p> <ul style="list-style-type: none"> Measurement of the density of population and employment within a walkable or bike-able distance of the project. Measures user benefit as a result of constructing the project. <p>Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the degree of bike/ped separation from the roadway, ADA compliance, and connectivity to a similar or better project type. <p>Cost Effectiveness = 5%</p> <ul style="list-style-type: none"> Measurement of combined user benefits of Safety, Access, Demand, and Connectivity criteria compared to the cost of the project to NCDOT. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Rail Projects

Rail projects may be scored and funded by any of the three funding categories (Statewide, Regional, or Division). The NCDOT has developed a different rail project scoring process for each of the three funding categories. Because the MPO does not yet know which rail projects will be scored in which of the funding categories, the DCHC MPO will utilize the NCDOT’s three different preliminary project ranking processes to determine rail project priorities. The MPO will coordinate closely with the NCDOT Rail Division on the identification, prioritization, and submission of rail projects. If the DCHC MPO receives more new rail project requests than the DCHC MPO can submit to NCDOT, the MPO will apply a **preliminary ranking** for each funding category based on the criteria for each funding category listed below. The criteria were developed by the NCDOT to reflect the SPOT 4.0 Workgroup recommendations that were approved by the NCDOT Board of Transportation in July 2015. If the DCHC MPO does not receive more new rail project requests than can be submitted, the DCHC MPO will submit all new rail project requests and will not need to conduct a preliminary ranking process for rail projects.

NCDOT and DCHC MPO Scoring Criteria for Rail Projects

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Statewide Mobility (Class I Freight Only)	<p>Cost Effectiveness = 35%</p> <ul style="list-style-type: none"> Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 35%</p> <ul style="list-style-type: none"> Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 20%</p> <ul style="list-style-type: none"> Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 100%</p>	--	--

NCDOT and DCHC MPO Scoring Criteria for Rail Projects - continued

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
Regional Impact	<p>Cost Effectiveness = 25%</p> <ul style="list-style-type: none"> • Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 20%</p> <ul style="list-style-type: none"> • Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 15%</p> <ul style="list-style-type: none"> • Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> • Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Division Needs	<p>Cost Effectiveness = 20%</p> <ul style="list-style-type: none"> • Measurement of monetized benefits compared to the project cost to NCDOT, and the jobs created for the region. <p>System Health = 10%</p> <ul style="list-style-type: none"> • Measurement of the volume to capacity ratio, and various measurements of accessibility and connectivity provided by the project via vicinity to points of interest, improvements to statewide rail networks, or employment density. <p>Safety and Suitability = 10%</p> <ul style="list-style-type: none"> • Measurement of potentially hazardous rail crossings. <p>Project Support = 10%</p> <ul style="list-style-type: none"> • Measurement of outside contributions to the project compared to the cost of the project to the state. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

RECOMMENDED ALLOCATION OF THE MPO'S LOCAL INPUT POINTS

Overview

As previously explained in this Methodology, the DCHC MPO will utilize the NCDOT SPOT's scoring criteria to preliminarily rank MPO projects for submission to NCDOT SPOT for quantitative evaluation. The highest ranking projects will be submitted to NCDOT SPOT via the SPOT Online tool. Upon submission to NCDOT, projects within the MPO will be evaluated according to NCDOT's quantitative ranking methodology.

The DCHC MPO will receive the results of the NCDOT quantitative evaluation scoring process and the project data used by NCDOT to develop the scores. The NCDOT's raw quantitative scores will be reviewed by the DCHC MPO and staff of MPO member jurisdictions and agencies. The NCDOT's raw quantitative scores serve as the quantitative basis for the MPO's prioritization of projects.

The allocation of the DCHC MPO's Local Input Points to high priority projects serves as the qualitative component of the prioritization process. The DCHC MPO's Local Input Points will be allocated to projects that aim to achieve the goals of the adopted Metropolitan Transportation Plan (MTP) and align with the priorities of the DCHC MPO.

The DCHC MPO's project ranking process and subsequent allocation of Local Input Points must capture the goals of the DCHC MPO and not just be purely based on the results of data-driven processes. The process and results should also capture input received from citizens, elected officials, and stakeholders in the DCHC MPO area. It is important to consider the needs of all communities that are located in the DCHC MPO area in the allocation of Local Input Points to priority projects.

Collaboration with NCDOT Divisions is also an important component of the DCHC MPO's allocation of Local Input Points. Projects that receive the MPO's Local Input Points *and* Division Engineer Points will have an overall better score than projects that don't receive points from both the MPO and a Division Engineer. Coordinating with NCDOT Division Engineers will ensure that priority projects in the DCHC MPO area have the best possible chance to be funded in the next NCDOT STIP and MPO TIP.

It should be noted that projects in the Statewide Mobility category are not eligible for DCHC MPO Local Input Points and therefore, will not be reviewed and prioritized by the DCHC MPO as part of prioritization process for the allocation of the DCHC MPO's Local Input Points. The DCHC MPO will prioritize and allocate Local Input Points to eligible projects in the Regional Impact and Division Needs funding categories.

Ranking Processes for the Allocation of Local Input Points

The NCDOT's raw quantitative scores for each project will serve as the basis of the DCHC MPO's prioritization and subsequent allocation of the MPO's Local Input Points. Each project in each mode will have a raw quantitative score. Each project's score represents the project's competitiveness compared to other projects of the same mode and in the same funding category (Regional Mobility or Division Needs). The raw quantitative scores for each project will be carefully considered by the DCHC MPO staff and the TC members and project lists for each mode will be sorted by the NCDOT raw quantitative scores.

The DCHC MPO staff and TC members will perform a precursory review of project eligibility beginning with the highest scoring project first and then working down the list by decreasing project scores. The precursory review of project eligibility will consider factors, including:

- 1) Is the project in the adopted MTP?
- 2) Is the project in an adopted regional or local plan?
- 3) Has a feasibility study been started or completed for the project?
- 4) Has any preliminary engineering been started or completed for the project?
- 5) Is the cost justified by the project benefits?
- 6) Does the total cost to NCDOT exceed the amount of funding available for the respective funding tier?

It is mandatory that a project be in an adopted MTP or consistent with the MTP and in an adopted regional or local plan to be eligible for Local Input Points from the DCHC MPO. The remaining factors will be considered but are not a mandatory requirement. A project that meets multiple factors would be considered more ready for funding and programming and would be considered more competitive than a project that does not meet multiple factors.

Allocation of Local Input Points

Allocation of the MPO's Local Input Points is based on a combination of the raw quantitative scores from NCDOT, the review of project eligibility factors, and qualitative factors that reflect established regional goals and objectives. The DCHC MPO's methodology is designed to maximize the number of projects that could be competitive for funding and that also meet the DCHC MPO's goals and objectives for the MPO region. **Within each mode and project type, Local Input Points will be assigned in order of the project's raw quantitative score.** Exceptions may be made if the project costs more than the funding available in that category, if the project doesn't meet the two mandatory project eligibility factors or if the project will not be competitive within its Region or Division even with the application of Local Input Points.

NCDOT assigns the number of local prioritization points for each MPO, RPO, and Division based on the area's population. For the most recent round of Strategic Prioritization (SPOT P4.0), DCHC MPO has 1800 points for both the Regional Impacts and Division Needs categories. Each MPO, RPO, and Division can assign a maximum of 100 points and a minimum of 4 points to each project.

For the MPO's 1,800 Regional Local Input Points, the DCHC MPO will assign points among modes and project types according to the distribution below. The distribution below has been structured to reflect the funding goals of the MPO's adopted MTP and the number of eligible Regional category projects in each mode.

- 800 points to Highway
- 300 points to Public Transit
- 700 points could be assigned to any mode and project type

For the MPO's 1,800 Division Local Input Points, the DCHC MPO will assign points among modes and project types according to the distribution below. The distribution below has been structured to reflect the funding goals of the MPO's adopted MTP and the number of eligible Division category projects in each mode.

- 300 points to Highway
- 500 points to Public Transit
- 200 points to Bicycle and Pedestrian
- 800 points could be assigned to any mode and project type

Statewide projects that cascade down to the Regional category will only be considered for Regional Local Input Points if the project is not considered likely to be competitive for Statewide category funding during the next Prioritization cycle. Statewide or Regional projects that cascade down to Division will only be considered for Local Input Points if the project is less than \$5 million. This limitation is due to the very limited amount of funding available in the Division category that is not STP-DA or TAP (funding that is directly allocated to certain MPOs and that is not subject to the Prioritization process but is subject to the STI legislation), and the number of projects that only qualify in the Division category. The minimum number of Local Input Points needed will be assigned to each project to ensure that it maintains its relative position of competitiveness in its Region or Division.

The allocation of Local Input Points in the Regional and Division categories for each mode will be informed by the following factors. Local Input Points will be assigned in priority order based on the goals below with the first goal being the highest priority and the last goal being a lower priority.

1. The likelihood of receiving funding through STI considering the amount of funding available within each Division or Region, historical funding levels for the mode, and the normalization limitations that NCDOT has adopted
2. The priorities of the current MTP including the adopted distribution of funding between modes and the planning horizon year of projects
3. The effect that receiving funding for a project may have on the likelihood of other projects being funded in the Division or Region considering the limitations set by the STI legislation
4. If the project is located within an area of overlapping Environmental Justice Communities of Concern identified in the MPO's 2014 Environmental Justice Report
5. Public input received during public input sessions
6. Geographic and jurisdictional balance

The above factors are difficult to quantitatively measure and will be considered through a qualitative assessment by the DCHC MPO. The DCHC MPO staff will document the reasoning used to justify the proposed assignment of Local Input Points. The DCHC MPO may consider adjustments based on the above factors and in the event that adjustments are made, the reasoning will be documented and made available for public consumption on the DCHC MPO website.

During the period that the draft point assignment is released for public comment, the DCHC MPO may make further adjustments to their recommendation based on the above factors as well as:

- Coordination with the Division Engineers on the assignment of points; and
- Public input and support as evidenced through public comments submitted to the MPO, the MPO's public hearings, public involvement efforts of local governments, and local referenda.

All public involvement for this process will be conducted in accordance with the DCHC MPO's [Public Involvement Policy](#). Details of the DCHC MPO public involvement policy are described below.

1) Approval of the Allocation of Local Input Points

The DCHC MPO Board will release the draft Project Priority Ranking and application of Local Input Points for public comment and hold a public hearing at a MPO Board meeting. After review and public

comment, the MPO Board will approve the final application of Local Input Points. The MPO Board's approval will be informed by the following:

- The likelihood of receiving funding through STI considering the amount of funding available within each Division or Region, historical funding levels for the mode, and the normalization limitations that NCDOT has adopted;
- The number of eligible projects within the MPO within each funding mode /project type/category;
- The priorities of the current MTP including the adopted distribution of funding between modes and the air quality horizon year of projects;
- The effect that receiving funding for a project may have on the likelihood of other projects being funded in the Division or Region considering the limitations set by the STI legislation;
- If the project is located within an area of overlapping Environmental Justice Communities of Concern identified in the MPO's 2014 Environmental Justice Report;
- Geographic and jurisdictional balance;
- Coordination with the Division Engineers on the assignment of points;
- Public input and support as evidenced through public comments submitted to the MPO, the MPO's public hearing, public involvement efforts of local governments, and local referenda;
- The MPO Board members' knowledge of the urban area and the policies of their communities; and
- Other factors as identified. If the MPO Board varies from the recommended allocation of points, MPO staff will document the rationale and will post the documentation on the MPO's website.

After the DCHC MPO Board approves the allocation of Local Input Points to projects in the DCHC MPO area, MPO staff will submit the projects with the Local Input Points applied to NCDOT for use in the STI process.

Public Involvement

All public involvement for this process will be conducted in accordance with the DCHC MPO's [Public Involvement Policy](#).

As is the MPO's standard practice for all DCHC MPO Board and TC agenda items, all relevant materials, documentation of this process, and TC and MPO Board meeting materials and minutes will be posted on the DCHC MPO's website www.dchcmmpo.org. Documentation of the process will include a description of the MPO Board's rationale for assigning Local Input Points to projects.

The DCHC MPO Public Involvement Policy sets a minimum 21-day public comment period for this process and requires a public hearing at a MPO Board meeting. This public comment period and public hearing will be advertised to the public in accordance with the Public Involvement Policy. Public comments will be documented, summarized, and responses will be provided. In addition, all DCHC MPO Board and TC meetings are public meetings and include the opportunity for public comment. Comments provided at any meeting will be considered.

Comments on the DCHC MPO's *Methodology for Identifying and Ranking TIP Project Requests* or any information contained within may be submitted in writing to the DCHC MPO using the contact information below. Comments may also be offered during any DCHC MPO Board or DCHC MPO TC meeting. All meetings are open to the public and meeting schedules are available on the DCHC MPO's website www.dchcmpo.org.

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Draft **FY2018-2027**

Metropolitan Transportation Improvement Program

CHAPTER 3: Financial Plan

1. INTRODUCTION

Federal regulations require that each MPO's MTIP include a financial plan that demonstrates how the MTIP can be implemented; indicates resources from public and private sources that are reasonably expected to be available to carry out the program; and identifies innovative financing techniques to finance projects, programs, and strategies (23 USC 134 j).

The NCDOT and the DCHC MPO prepared this financial plan for the first four years of the FY2018-2027 MTIP in coordination with the NCDOT's STIP process. Revenue and cost information for projects were provided by the NCDOT State Transportation Improvement Program Unit.

NCDOT has demonstrated fiscal constraint on the FY2018-27 STIP adopted by the North Carolina Board of Transportation on August 3, 2017. The DCHC MPO MTIP, being a subset of the STIP and under the fiscally restrained MTP, by extension therefore demonstrates fiscal constraint.

2. REVENUE INFORMATION ON STATE AND FEDERAL FUNDING

2.1 NCDOT PROGRAM BUDGETS Transportation Revenue Forecast: State Budget

State transportation revenues are derived primarily from user fees in the

form of Motor Fuel Tax (MFT), driver and vehicles fees collected by the NC Division of Motor Vehicles (DMV Fees), and a Highway Use Tax (HUT) on vehicle title transfers. Federal transportation revenues are derived from a federal MFT tax, vehicle fees (mostly on trucks), and transfers from the U.S. General Fund. North Carolina's transportation funding consists of roughly 75 percent state revenues and 25 percent federal.

State revenue projections are obtained from a consensus forecast by the Office of State Budget and Management (OSBM), the Legislative Fiscal Research Division, and NCDOT. Budget estimates developed for the Governor's biennial budget serves as a base from which NCDOT staff develops the forecast for the remaining years. Motor Fuel Tax revenues are forecasted based on crude oil prices and expected consumption, derived from information from the US Department of Energy and IHS Global Insight, a private financial forecasting company. DMV fee revenue forecasts are based on historical transactional information, vehicle registration, licensed driver numbers and Office of State Budget and Management projected population growth in the age range 19-84 years old. Highway Use Tax revenue is forecasted based on the number of vehicles purchased or traded in, vehicle price, and the statutory rate. The number of vehicles sold and the price depend on

economic conditions. Regarding DMV/ Title Fees, the two variables are statutory rates and the number of transactions, which are based on licensed drivers and vehicle registration. Generally, DMV fees correlate with projected changes in population. Title fees correlate closer to forecasted changes in car sales.

2.2 Federal Authorization and Funding

The Fixing America's Surface Transportation Act (FAST Act) was signed into law by President Obama on December 4, 2015. The FAST Act continues many of the policies and programs of the previous authorizing legislation, MAP-21. Funding for surface transportation programs under the FAST Act is for \$226.3 billion for FY16-20.

While continuing many of MAP-21's programs and policies, the FAST Act did create several new initiatives, such as a new National Multimodal Freight Policy and a new discretionary grant program for Nationally Significant Freight and Highway Projects (FASTLANE). Federal transportation funding is distributed by Congress based on multi-year reauthorization bills and annual appropriations. The FAST Act authorizes \$43.1 billion for FY16, growing to \$47.1 billion in FY20; an additional \$1.1 is available subject to appropriation.

The primary source of both state and federal revenues for transportation are the motor fuel tax (MFT). The federal excise tax rate for motor fuel has remained at 18.4 cents/gallon (24.4 cents/gallon for diesel) since 1993 and is not indexed

to inflation. In addition, while revenues from MFT have decreased in real terms over the last two decades, miles per gallon on vehicles have been increasing, meaning less revenue per mile driven. These two factors are a major challenge for transportation funding.

Under state law, the state MFT rate is flexible and indexed to a formula tied to change in state population, the annual energy index percentage, and the Consumer Price Index. The most recent rate, as of January 1, 2017, is 34.3 cents/gallon.

2.3 Federal Aid Program

The Federal Aid Construction Program consists of many funding categories. Funding in most of these individual categories is subject to overall federal budget constraints and Federal Obligation Limitation. The Obligation Limitation effectively limits the amount of federal funds that can be utilized in any one year.

North Carolina's availability of federal funds for the STIP in FFY 2018 is expected to be just less than \$1.1 billion, excluding CMAQ and State Planning and Research funds.

Virtually all Federal Aid projects require a local or state fund contribution. Most highway and transit programs require a 20 percent local or state share. The amount of state matching funds needed for the Federal Aid Program is expected to be \$290 million, which will be funded by the State Highway Trust Fund. The amount of local matching funds needed for FY2018-2021 is expected to be approximately

\$290 million. Local funding is discussed in more detail later in this chapter.

2.4 Public Transportation Project Funding

The public transportation projects in the STIP are funded from several different FTA funds and state funds. In addition, many of the FTA funds require a non-federal match to the project.

Annually, the NCDOT Public Transportation Division conducts a call for projects to provide state funds to assist with part of the match requirements. The amount available for state match is limited to the amount provided in the approved state budget for that year. All of the FTA program funding amounts are published annually in the Federal Register and posted to the FTA website. NCDOT uses these apportionments to distribute the various funding sources overseen by the NCDOT.

Most of the funding for public transportation programs located in TMAs is managed directly by the MPOs. The MPOs develop projects to list in the STIP from the total apportioned amount received from FTA. NCDOT allocates federal funds to small urban areas (with population less than 200,000 people) and the rural areas. The small urban MPOs then develop projects for inclusion in the STIP within the constraints of the total allocated amount received from NCDOT and any prior year funding that is unspent. For the rural areas, the NCDOT applies directly to FTA for the funds. The NCDOT funds rural projects to match the total apportioned amount and any

available prior year funding. These rural projects are listed in the STIP.

Planning Funds (5303) are allocated by NCDOT to urbanized areas by a formula based on transit service hours. The allocated amounts are then provided by NCDOT to the urbanized areas and are programmed in the MPO Unified Planning Work Programs to match the allocation amount.

NCDOT applies to FTA for the 5303 funds for the urbanized areas. Section 5310 Funds are allocated for small urbanized and rural areas by NCDOT. A competitive call for projects is announced for specific projects and those projects must be included as an unmet need in the Locally Coordinated Plan for the area. Projects are selected and funded based on the total available budget for the funds. These projects are included in the STIP.

Table 1. Federal Aid Construction Program - FFY 2018 (\$ in Millions)

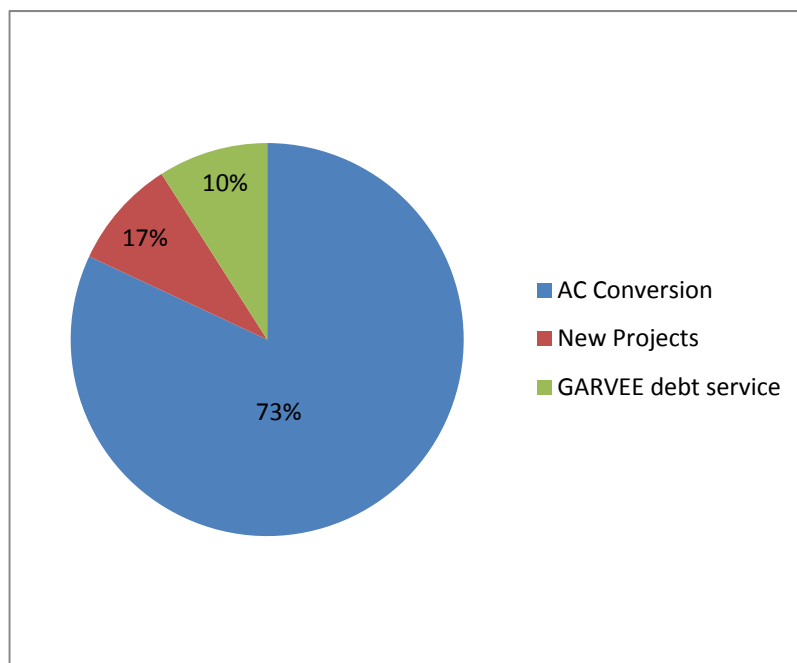
CATEGORY	FEDERAL FUNDS	REQUIRED STATE MATCHING FUNDS	TOTAL
National Highway Performance Program	606	152	758
Rail Hwy Crossing	7	2	9
Statewide Planning	17	4	21
TAP	23	6	29
Research Development	5	1	6
Metropolitan Planning	6	2	8
Congestion Mitigation	50	12	62
Surface Transportation Program	400	100	500
Highway Safety Improvement	61	7	68
Freight	29	7	36
Total Apportionment	1,204	293	1497
Obligation Limitation	1,160	290	1,450

3. PROPOSED USE OF FFY 2016 OBLIGATION AUTHORITY

The program is fiscally constrained to the amount of funds projected to be available each year in order to prevent the Department from over committing future revenues. “Advance Construction” (AC) allows states to begin a project even in the absence of sufficient Federal-aid obligation authority to cover the Federal share of project costs. It is codified in Title 23, Section 115. Advance construction eliminates the need to set aside full obligational authority before starting projects. As a result, a state can undertake

a greater number of concurrent projects than would otherwise be possible. In addition, advance construction helps facilitate construction of large projects, while maintaining obligational authority for smaller ones. At some future date when the state does have sufficient obligation authority, it may convert an advance-constructed project to a Federal-aid project by obligating the permissible share of its Federal-aid funds and receiving subsequent reimbursements. Advance construction allows a state to conserve obligation authority and maintain flexibility in its transportation funding program. NCDOT uses AC both to support its GARVEE Bond program and to assist in its cash management.

Figure 1. Proposed Use of FFY 2018 Obligation Authority



3.1 GARVEE Bonds

In 2005, House Bill 254 authorized NCDOT to issue Grant Anticipation Revenue Vehicles (GARVEE bonds) to finance federal aid highway projects. All funds derived from GARVEE bonds are backed by the receipt of future

federal funds and no state funds may be committed to the debt service. In October 2007, the Department received \$287.6

million in GARVEE bond proceeds, \$242.5 million in 2009, \$145.5 million in 2011, and \$179.5 million in 2012 and \$264.9 million in 2015.

Table 2. GARVEE Bond Program (\$ in Millions)

STATE FISCAL YEAR	PROCEEDS INCLUDING PREMIUM (\$ IN MILLIONS)	DEBT SERVICE (\$ IN MILLIONS)
2008	299.80	5.06
2009		59.33
2010	263.14	67.17
2011		82.00
2012	364.90	59.84
2013		86.33
2014		86.33
2015	300.54	86.32
2016		100.00
2017		99.39
2018		99.39
2019		99.39
2020		78.00
2021		78.00
2022		78.00
2023		78.00
2024		38.29
2025		38.29
2026		38.29
2027		38.29
2028		38.29
2029		38.29
2030		38.29

3.2 State Highway Trust Fund

Revenues for the Trust Fund are generated from 29% of the state motor fuels tax, the 3 percent use tax on the transfer of motor vehicle titles, DMV titles and other fees, and interest income. \$49 million of Trust Fund revenues are transferred each year to the NCTA for project funding.

The STIP budget is based on a consensus forecast by the OSBM, Legislative Fiscal Research Division, and NCDOT. These estimates were used to develop the draft program and are the basis for air quality and fiscal constraint tests. The Trust Fund revenues are projected to be about \$1,547.7 million for FY 2018 and \$16.9 billion during the 10-year period. Of this \$16.9 billion in revenue, \$490 million goes to NCTA, \$573 million is used for debt service on previous GO bonds and Administration, and \$4 million is transferred to the Highway Fund for Visitor Centers. The remaining \$15.8 billion is available for STIP purposes. Federal aid of \$11.1 billion is also available. After preliminary engineering, a reserve for construction cost overruns, inflation, and Bonus allocation and local participation deductions, \$23 billion is available for programming. (Note – funds available for programming and used in the development of the 2018-2027 STIP were prior to the actions of the 2017 General Assembly).

Table 3, presented on pages 3-8 and 3-9, depicts funding that is available for programming in the STIP.

3.3 Anticipated Inflation Impact

Inflation is not explicitly factored into the above revenue estimates. However, before programming projects in the STIP, available funds were reduced by an amount for inflation.

The following inflation factors for future construction and right of way cost increases were used: 2018 - 1.005, 2019 - 1.0151, 2020 - 1.0252, 2021 - 1.0355, 2022 through 2027 -1.0458.

- 2018: 1.005
- 2019: 1.0151
- 2020: 1.0252
- 2021: 1.0355
- 2022 through 2027: 1.0458

This allows project costs used in the MTIP and STIP to be shown in current (2018) dollars.

Table 3. Funds Available for Programming (\$ in Millions)

	STATE FISCAL YEAR					
	2018	2019	2020	2021	2022	2023
Motor Fuels Tax	564.6	585.9	600.2	610.8	619.5	626.3
DMV Fees & Investment Income	162.2	161.1	160.9	176.0	178.1	181.3
Use Tax	820.8	839.3	858.8	867.8	878.1	894.2
Total State Trust Fund Revenues	\$ 1,547.7	\$1,586.3	\$ 1,619.9	\$ 1,654.6	\$1,675.7	\$ 1,701.7
NCTA GAP Funding	-49	-49	-49	-49	-49	-49
GO Debt Service	-52.2	-50	-59.8	-	-	-
Visitors Center	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Program Administration	-37.6	-38.6	-39.4	-40.2	-40.8	-41.4
Available Trust Fund Revenues	\$ 1,408.5	\$ 1,448.3	\$ 1,471.3	\$ 1,564.9	\$ 1,585.5	\$ 1,611.0
Federal Aid	1,159.8	1,186.3	1,214.5	1,214.4	1,214.4	1,214.4
Less SPR Funds	-32.2	-34.0	-34.8	-34.8	-34.8	-34.8
Less CMAQ	-30	-30	-30	-30	-30	-30
Less EEP	-30	-30	-30	-30	-30	-30
Less Yadkin River GARVEE Debt Service	-17.2	-15.6	-5.1	-5.1	-	-
Available Federal Aid	\$ 1,049.4	\$ 1,076.7	\$ 1,114.6	\$ 1,114.5	\$ 1,119.6	\$ 1,119.6
Total Available Funds	\$ 2,457.9	\$ 2,525.0	\$ 2,585.9	\$ 2,679.4	\$ 2,705.1	\$ 2,730.6
Preliminary Engineering	-200	-200	-200	-200	-200	-200
Construction Cost Overruns	-58.0	-60.0	-61.8	-64.6	-65.4	-66.2
Bonus Allocation for Tolling and Local Participation	-69.3	-39.1	-22.6	-48.8	-42.6	-25.2
Less Inflation	-10.7	-33.6	-58.0	-84.0	-109.8	-111.7
Funds Available for Programming	\$2,120.0	\$2,192.3	\$2,243.5	\$2,282.0	\$2,287.4	\$2,327.5

Table 3. Funds Available for Programming (\$ in Millions) ~ (cont'd)

	STATE FISCAL YEAR				
	2024	2025	2026	2027	10-Year STIP
Motor Fuels Tax	630.7	635.0	638.5	640.9	6,152.4
DMV Fees & Investment Income	185.0	205.8	209.6	213.4	1,833.4
Use Tax	912.6	930.1	947.3	964.5	8,913.5
Total State Trust Fund Revenues	\$ 1,728.3	\$ 1,770.8	\$ 1,795.4	\$ 1,818.8	\$ 16,899.2
NCTA GAP Funding	-49	-49	-49	-49	-490
GO Debt Service	-	-	-	-	-162
Visitors Center	-0.4	-0.4	-0.4	-0.4	-4
Program Administration	-42	-43.1	-43.7	-44.2	-411
Available Trust Fund Revenues	\$ 1,636.9	\$ 1,678.3	\$ 1,702.4	\$ 1,725.2	\$ 15,832.2
Federal Aid	1,214.4	1,214.4	1,214.4	1,214.4	12,061.4
Less SPR Funds	-34.8	-34.8	-34.8	-34.8	-345.4
Less CMAQ	-30	-30	-30	-30	-300
Less EEP	-30	-30	-30	-30	-300
Less Yadkin River GARVEE Debt Service	-	-	-	-	-43.1
Available Federal Aid	\$ 1,119.6	\$ 1,119.6	\$ 1,119.6	\$ 1,119.6	\$ 11,073
Total Available Funds	\$ 2,756.5	\$ 2,798.0	\$ 2,822.0	\$ 2,844.8	\$ 26,905.1
Preliminary Engineering	-200	-200	-200	-200	-2000
Construction Cost Overruns	-66.9	-68.2	-68.9	-69.6	-649.7
Bonus Allocation for Tolling and Local Participation	-25.4	-28.4	-10.9	-28.4	-340.5
Less Inflation	-112.9	-114.6	-116.4	-116.6	-868.3
Funds Available for Programming	\$2,351.3	\$2,386.8	\$2,425.8	\$2,430.2	\$23,046.7

3.4 Cash Model

NCDOT uses a cash model to manage its operations on a cash-flow basis; the Department uses statistical models that were developed specifically to support NCDOT programs. The models are used to forecast future cash demands and financial capacity. These projections serve as the basis for the dollar values found herein.

NCGS §143C:6-11 revised the cash target to between 15% and 20% of the total appropriations from the Highway Fund and Highway Trust Fund for the current fiscal year. Any federal funds on hand shall not be considered as cash for this purpose. The target shall include an amount necessary to make all municipal-aid funding requirements. Also, NCGS §143C:6-11 revised the cash balance floor to at least 7.5% of the total appropriations for the current fiscal year. If this floor is not maintained, no further transportation project contract commitments may be entered into until the floor is restored. Session Law 2014-100 Senate Bill 744 Section 34.23(c) established a cash balance ceiling of one billion dollars. If the balance exceeds the ceiling, the Department must report to the General Assembly and Fiscal Research the reasons for exceeding the ceiling and the plans to reduce the balance.

The proposed STIP was modeled to insure that the department would have adequate cash to pay for all programmed projects. Based on the program of projects and anticipated revenue, it appears that there

should be adequate funding available to support the program.

Figure 2 on page 3-11 depicts a sample view of a 60-month cash model.

3.5 The North Carolina Turnpike Authority (NCTA)

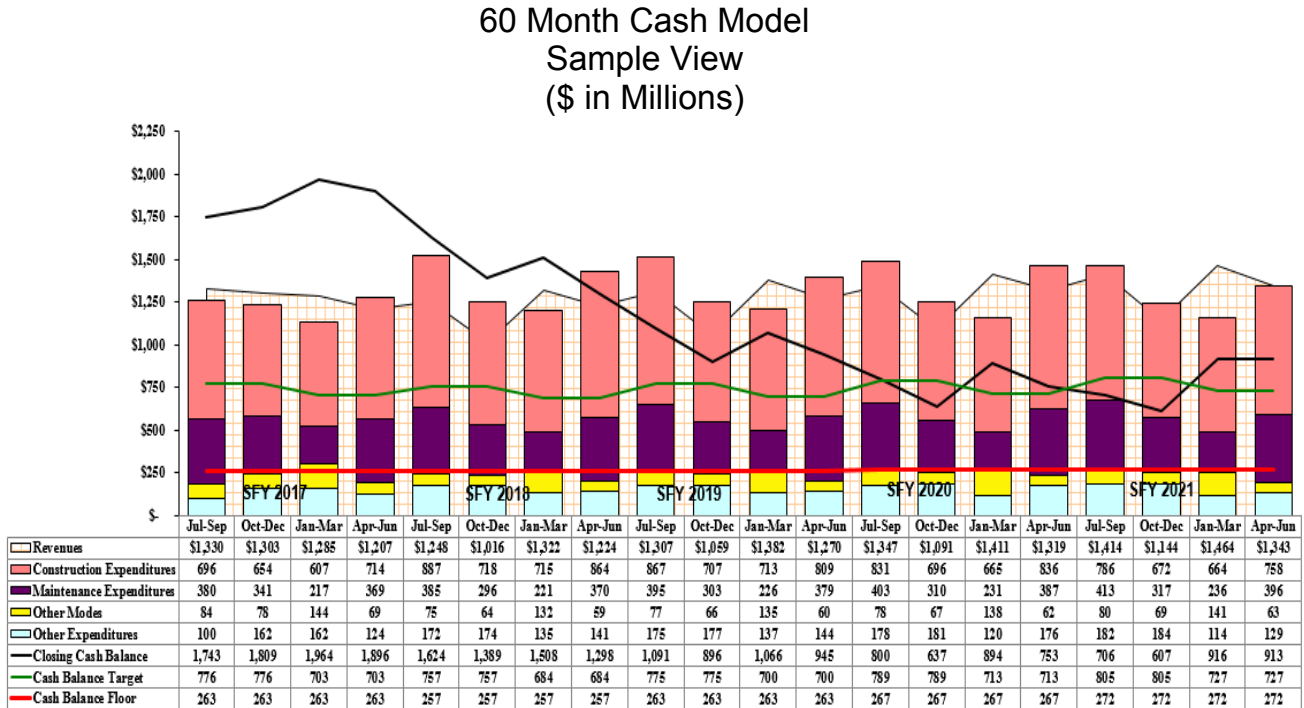
NCTA is a public agency of the State of North Carolina located within NCDOT. The Triangle Expressway is the first modern toll facility in North Carolina. The Expressway is approximately 18.8 miles of new highway construction, extending the partially complete “Outer Loop” around the greater Raleigh area from I-40 in the north to the NC 55 Bypass in the south. The Triangle Expressway was completed on schedule on January 2, 2013, approximately five percent under budget providing excess bond proceeds. During Fiscal Year (“FY”) 2014, the Turnpike Authority developed a fiscally-responsible plan to utilize these proceeds. Included in this plan were partially funding two additional interchanges, the Veridea Parkway Interchange (formerly the Old Holly Springs-Apex Road Interchange) and the Morrisville Parkway Interchange, which will provide increased connectivity and access along the Expressway.

Total revenues, inclusive of toll revenue and processing fees, but excluding transponder revenues, were \$36.3 million and \$29.0 million for FY 2016 and FY 2015. FY 2016 total revenues increased by 25% year-over-year (YOY) when compared to FY 2015. Transponder revenues were \$0.60 million and \$0.45 million for FY 2016 and FY 2015, respectively, increasing

Figure 2*. 60-Month Cash Model

Sample View

(\$ in Millions)



*Figure 2 above was obtained from NCDOT's FY2018-2027 STIP.

by 33% YOY. Operating expenses totaled \$14.8 million and \$13.6 million for FY 2016 and FY 2015. FY 2016 operating expenses increased by 9% YOY from the previous year due, in part, to the increased number of transactions.

4. REVENUE INFORMATION ON LOCAL FUNDING

Local funding is being provided by different jurisdictions and agencies that are located within, or operate in the DCHC MPO area, including Orange, Durham, and Chatham Counties, the City of Durham, the Towns of Chapel Hill, Carrboro, and Hillsborough, GoTriangle, and the Triangle J Council of Governments.

Local funding is provided as the non-federal matching funds for federal Congestion Mitigation Air Quality (CMAQ), Surface Transportation Block Grant - Direct Attributable (STBGDA), and Transportation Alternatives Program (TAP) funding. Each of these federal funding sources require 20 percent local match. The DCHC MPO's distribution of STBGDA funds to local jurisdictions and agencies is based on the STBGDA funding distribution policy that was approved by the DCHC MPO Board in 2014.

STIP Project U-4727 uses federal STBGDA funding to supplement the MPO's Unified Planning Work Program. The local matching funds for STBGDA are provided by the local jurisdictions.

Another STIP project, C-4924, uses federal CMAQ funding to fund a regional Transportation Demand Management program administered by Triangle J Council of Governments. The local funding associated with this project is provided by the selected local service providers. The local service providers are selected during a call for projects

and could include local governments, nonprofit organizations, universities, or other entities.

Local funding is also provided as the match for public transportation projects. Typically, for capital projects, the local government provides a 10 percent local match, the state provides a 10 percent match, and federal funding is provided at 80 percent. These local funds are provided by the City of Durham, the Town of Chapel Hill, Orange County, and GoTriangle. Operating assistance for transit projects often includes up to 50 percent local funding match.

More information regarding how local jurisdictions and agencies will program their respective local funding match(es) for projects is available in each local government's adopted budget and Capital Improvement Program.

4.1 STP-DA and TAP Funding Programs

STBGDA and TAP funds are directly allocated to the DCHC MPO annually, based on the population of the urbanized area. As of FY18, the DCHC MPO receives approximately \$4.5 million annually in STBGDA funds and \$350,000 annually in TAP funds. TAP is often shown as TAP-DA for the DCHC MPO to differentiate between the TAP funding that the DCHC MPO receives and the TAP funding that the NCDOT receives.

STBGDA can be used for many different planning, highway, transit, or bicycle/pedestrian projects. The DCHC MPO has a policy to not use STBGDA for highway projects, unless the STBGDA funds are applied to the project for project costs related to incidental bicycle and pedestrian improvements. In 2017, the DCHC MPO held a Call for Projects for STBGDA funds for FY2015-18. DCHC MPO STBGDA funding follows a distribution policy that was adopted by the MPO Board in 2014. The policy's methodology is shown in Figure 3.

TAP was created under MAP-21 and continues under the FAST Act. TMAs, such as DCHC MPO, receive a direct allocation of TAP annually, based on the population of the urbanized area. NCDOT also receives TAP funding. Federal legislation requires that TAP projects be selected through a competitive process. TAP can 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. NCDOT plans to program much of its TAP funding through the P4.0 process. DCHC MPO plans to hold a Call for Projects for TAP-DA funds in spring 2018.

4.2 Project Screening & Prioritization Process for TAP Funding

The DCHC MPO policy related to programming TAP funds for projects requires MPO member jurisdictions and agencies to submit project funding requests to the MPO LPA staff. Projects are evaluated based on the screening criteria and scoring methodology listed below. The MPO TC makes a recommendation to the MPO Board to review. The MPO Board reviews the recommendation to approve the projects. The following criteria and methodology satisfies the federal requirement that all TAP funding be selected through a competitive process.

4.2.1 Screening Criteria

- Projects must anticipate a minimum of \$1 million (federal) funding for construction. Design and right-of-way phases can request less than \$1 million (federal) if the construction phase is expected to exceed \$1 million (federal);
- Only the next imminent project phase should be requested (i.e. construction funding should only be requested once design and right-of-way is complete); and
- Projects must be part of the adopted Regional Routes as

listed in the current MTP.

4.2.2 Scoring Methodology

- **40 Percent 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 Percent Safety**

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

- **15 Percent Spans Multiple Jurisdictions**

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

- **15 Percent Density**

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

Figure 3. Example of DCHC MPO STP-DA & TAP Distribution Policy

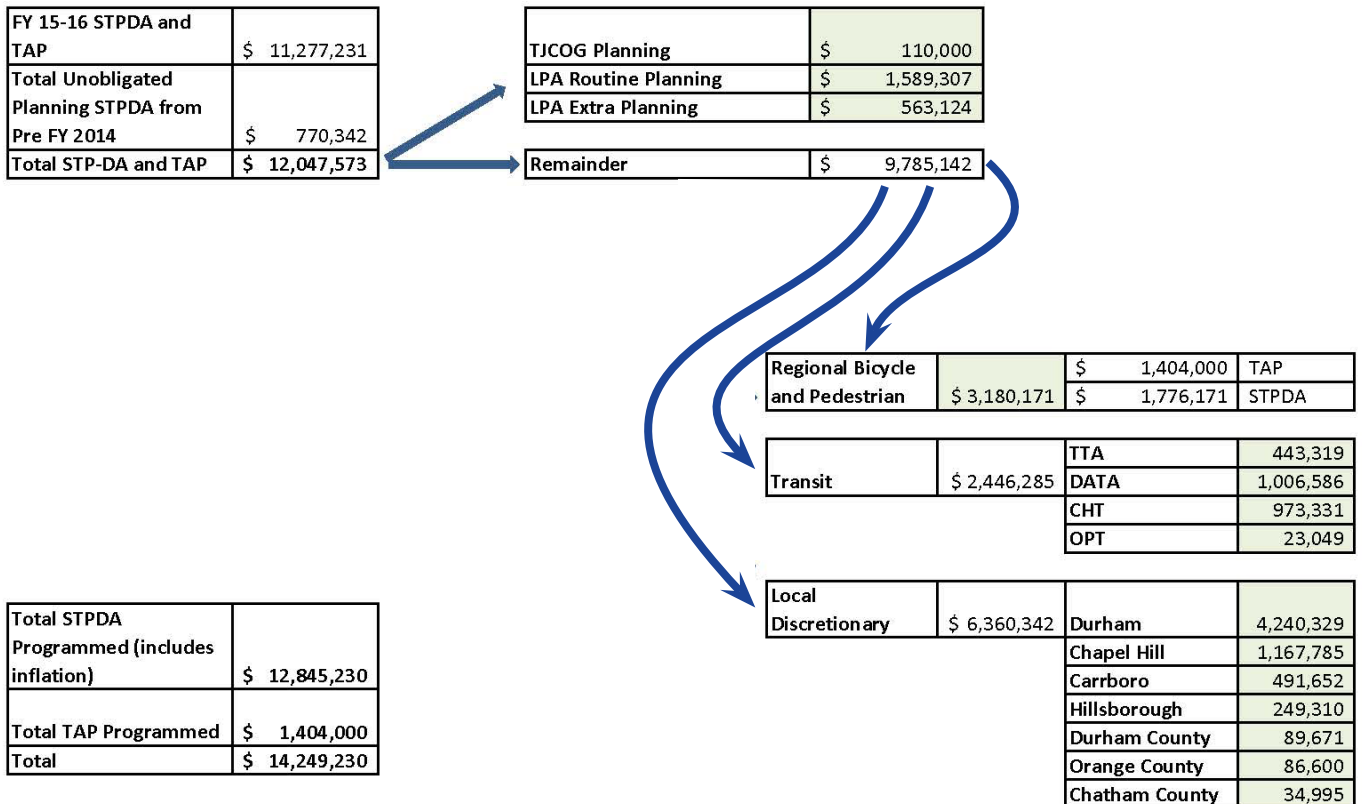


Table 4. STBGDA & TAP-DA Funded Projects in the MTIP

TIP #	Name
C-4928	SR 1317 (Morreene Road)
C-5650	South Greensboro Street Sidewalk
C-5572	West Ellerbe Creek Trail
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd
EB-5720	R. Kelly Bryant Bridge Trail South
EL-4828	Morgan Creek Greenway (West)
TA-5154	GoTriangle Replacement Paratransit Vehicles
TD-5260	Hillsborough Park and Ride Planning/PE/Design
TG-5235	Safety & Security Cameras
TG-4958	Passenger Amenities
TG-6189	Chatham County Flex to Transit
TT-6107	Purchase Mobile Data Terminals
U-0071	New Route (East End Connector)
U-3308	NC 55 (Alston Ave)
U-4445	R. Kelly Bryant Bridge
U-4724	SR 1158 (Cornwallis Road)
U-4726	DCHC MPO Bike/Ped TAP-Eligible Projects
U-4726 DE	Bolin Creek Greenway

TIP #	Name
U-4726 1x	Friday Center Drive
U-4726 DD	Rogers Road Sidewalks
U-4726 DF	Bicycle Detector Loops
U-4726 HJ	NC 751 and NC 54 Sidewalks
U-4726 HK	Hillandale Road (Bike/Ped)
U-4726 HL	Barbee Road Sidewalks
U-4726 HM	Avondale Road (Bike/Ped)
U-4726 HN	Hillandale Road Bike/Ped
U-4726 HO	Carpenter Fletcher Road (Bike/Ped)
U-4726 IJ	Tanyard Branch Greenway
U-4726 IK	Homestead Road Sidewalks
U-4727	DCHC MPO Planning Allocation and Work Program
U-5023	DCHC MPO STP-DA Reserve Funds
U-5543	Variable Message Signs in Chapel Hill
U-5549	Various (Downtown Access Imp)

4.3 CMAQ Funding Program

Federal CMAQ funds are apportioned annually to each state according to the severity of its air quality problems. The CMAQ program is funded by the FHWA; therefore CMAQ projects must follow federal laws and regulations. Because transportation and environmental program priorities fluctuate, a limited portion of CMAQ apportionment can be transferred (flexed) to other Federal Aid highway programs including:

- Surface Transportation Program (STP)
- National Highway System (NHS)
- Highway Bridge Program (HBP)
- Interstate Maintenance (IM)
- Recreational Trails Program (RTP)
- Highway Safety Improvement Program (HSIP)

The transfer of funds has specific monetary provisions and will differ each year. It is also a requirement that any transfer of such funds must still be obligated in nonattainment and maintenance areas.

The CMAQ program is based on a competitive process in which proposals for candidate transportation projects are submitted to NCDOT. MPOs and RPOs responsible for transportation planning in air quality non-attainment and maintenance areas are encouraged to work cooperatively with their member jurisdictions to develop and submit project proposals. There is currently a minimum project cost threshold requirement of \$100,000.

Public transportation project(s) selected as part of the CMAQ competitive process are flexed to the FTA and retain the funding laws and regulation under the CMAQ program. FTA is ultimately responsible for the administration of flexed CMAQ funds.

4.4 DCHC MPO CMAQ Funding Program

NCDOT has reserved 60 percent of the state's CMAQ funds for subregional projects. The DCHC MPO's subregional annual funding target varies each year. NCDOT issued a Call for Projects in fall 2017. Applications for CMAQ funding were prepared by DCHC MPO member jurisdictions for projects that reduce emissions and improve air quality. The applications are a standard form from NCDOT and each application requires a calculation of the estimated emission reductions that will result from the implementation of each project.

The completed applications were submitted to the MPO LPA staff. LPA staff use a prioritization methodology to evaluate and score the applications. The methodology is based on the cost per kilogram of Carbon Monoxide (CO) reduced, cost per kilogram of Nitrogen Oxide (NOx) reduced, support for the regional rail projects, and support for promoting a state of good repair for transit vehicles.

After the project applications were scored by LPA staff, CMAQ funding was allocated to the projects in prioritized

order. LPA staff presented the result of the prioritization to the MPO Technical Committee, which reviewed the projects and reported favorably to the MPO Board. The MPO Board approved the list of CMAQ project submissions to NCDOT on March 8, 2018. Table 5 lists DCHC MPO projects funded in this most recent call.

In addition to projects selected for funding during the NCDOT’s biennial Call for Projects described above, the DCHC MPO and Capital Area Metropolitan Planning Organization (CAMPO) jointly allocate CMAQ funds to the Triangle-region Travel Demand Management (TDM) program. The TDM program is managed by the Triangle J Council of Governments (TJCOG). The TDM program offers very high air quality benefits and competes very favorably for CMAQ funding. CMAQ funds have been approved through 2019 for the TDM program.

Table 5. DCHC MPO CMAQ Funded Projects

TIP #	Name
C-4924 B	TJCOG TDM
C-5605 E	Durham Bicycle Lane Striping
C-5605 F	Durham Bike Share
C-5605 G	Downtown Durham Loop Separated Bike Lane
C-5605 H	Downtown Durham Wayfinding Program
C-5605 I	Durham Neighborhood Bike Routes
C-5650	South Greensboro Street Sidewalks
TA-6681	Chapel Hill Transit Bus Replacement
TA-6682	GoDurham Electric Buses

5. HIGHWAY FUNDING FOR MPO-SPECIFIC PROJECTS

Following the adoption of the FY2018-2027 STIP by the NCDOT Board of Transportation, NCDOT provided each MPO with funding summary tables for projects located within their MPO area. The funding summary tables demonstrate that the STIP is fiscally constrained. The MTIP is a subset of the STIP, so the MTIP

is also fiscally constrained. The estimated costs account for inflation. Table 6 below presents a summary of funding for highway projects located within the DCHC MPO area for FY2016-2021.

Table 6. Summary of Highway Project Funding

		<i>(Estimated Costs are in Thousands of Dollars)</i>				
FUNDING SOURCE	FUNDING DESCRIPTION	FUNDING TYPE	FY 2018	FY 2019	FY 2020	FY 2021
CMAQ	Congestion Mitigation	Federal	6,479	2,464	3,041	
HSIP	Highway Safety Improvement Program	Federal	210			
L	Local Funding Share	Other	5,516	622	309	372
NHP	National Highway Performance Program	Federal		5,910	3,639	5,694
NHPIM	National Highway Performance Program (Interstate Maintenance)	Federal		12,637		
S(M)	State	State		144	4,258	
STBG	Surface Transportation Block Grant	Federal		593	17,287	1,489
STBGDA	Surface Transportation Block Grant (Direct Attributable)	Federal	4,090		978	4,882
STPOFF	Surface Transportation Program (Off System)	Federal	1,457			
T	Highway Trust Funds	State	40,935	28,552	34,010	19,700
TAPDA	Transportation Alternatives Program (Direct Attributable)	351				

6. NON-HIGHWAY FUNDING FOR MPO-SPECIFIC PROJECTS

Following the adoption of the FY2018-2027 STIP by the NCDOT Board of Transportation, NCDOT provided each MPO with funding summary tables for projects located within their MPO area. The funding summary tables demonstrate that the STIP is fiscally constrained. The

MTIP is a subset of the STIP, so the MTIP is also fiscally constrained. The estimated costs account for inflation. Table 7 below presents a summary of funding for non-highway projects located within the DCHC MPO area for FY2018-2021.

Table 7. Summary of Non-Highway Project Funding

<i>(Estimated Cost are in Thousands of Dollars)</i>						
FUNDING SOURCE	FUNDING DESCRIPTION	FUNDING TYPE	FY 2018	FY 2019	FY 2020	FY 2021
CMAQ	Congestion Mitigation	Federal	3,355			
FBUS	Capital Program - Bus Earmark (5309)	Federal	1,355			
FED	Unidentified Federal Funding	Federal	1,165	162	164	
FMPL	Metropolitan Planning (5303)	Federal	118	123	128	133
FEDT	Undesignated Federal Transit Funding	Federal		968	984	
FEPD	Elderly and Persons with Disabilities (5310)	Federal	268			
FMPL	Metropolitan Planning (5503)	Federal	112	113	114	115
FNF	New Freedom Program	Federal	63	63	64	65
FNU	Non Urbanized Area Formula Program (5311)	Federal	63	63	64	64
FUZ	Capital Program - Bus Earmark (5309)	Federal	14,586	11,620	10,536	10,913
L	Local Funding Share	Other	9,471	2,882	3,183	3,915
O	Local or Non-Federal or Non-State Funds	Other			3,280	590
S	State	State	881	382	634	488
SMAP	Operating Assistance and State Maintenance	State	6,407	6,471	6,535	6,601
STBGDA	Surface Transportation Block Grant (Direct Attributable)	Federal	9,171			
T	Highway Trust Funds	State	3,341	2,680	9,862	3,596
TAP	Transportation Alternatives Program	Federal	8,059	1,689	566	7,263
TAP-DA	Transportation Alternatives Program (Direct Attributable)	Federal	1,084	355	358	362

7. SUMMARY OF FY2018-2021 PROJECT COSTS BY FUNDING SOURCE

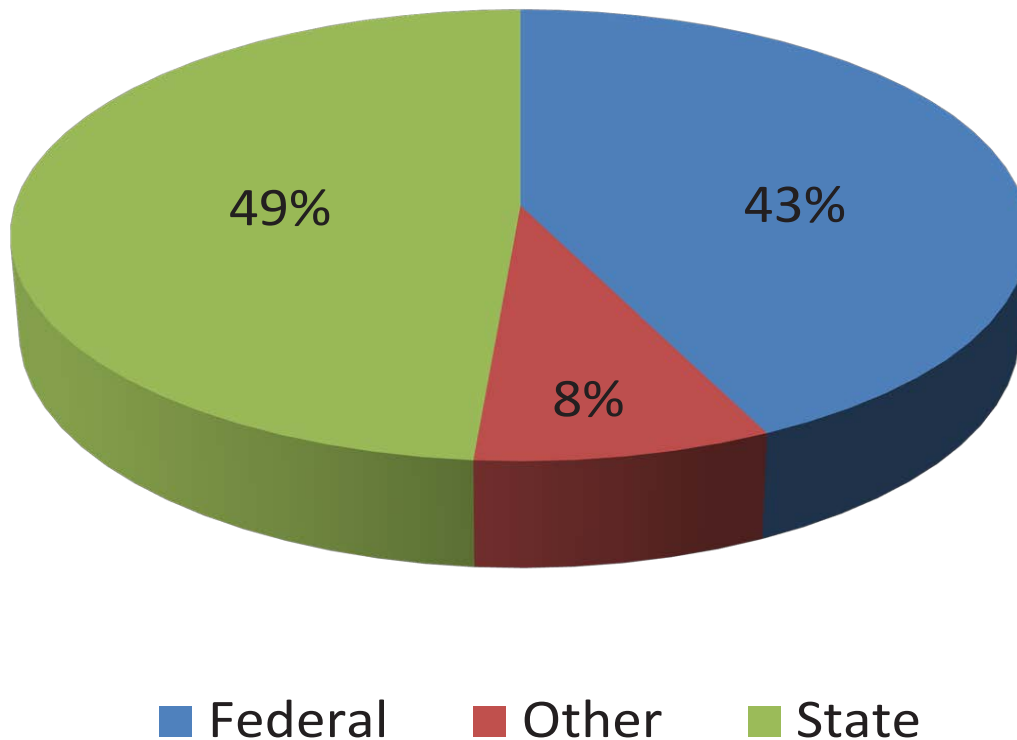
The three primary sources of funding used to fund projects and programs in the DCHC MPO’s MTIP are federal, state, and other or local funding. Other or local funding is a combination of funding sources that includes the required local funding share and any other funding contributed from non-federal and non-state funding sources.

The federal and state funding sources are more fully discussed earlier in this chapter and are comprised of numerous different programs designed to fund different aspects, phases, or costs related to the

development and maintenance of the transportation system.

The total estimated amount of funding for all three funding sources in the DCHC MPO area for FY2018-2021 is approximately \$360,263,000. While the funding percentage amounts for the first four years remain unchanged from the previous MTIP, the total funding amount has decreased by approximately 27 percent. Figure 4 below illustrates the breakdown of funding by the three funding sources.

Figure 4. Summary of FY2018-2021 Project Costs by Funding Source



Draft FY2018-2027
Transportation Improvement Program

APPENDIX A: 10-YEAR PROGRAM OF PROJECTS

1. OVERVIEW

This appendix presents the 10-year program of projects included in the FY2018-2027 MTIP. The appendix contains funding information and schedules for transportation modes and programs including: Highways, Aviation, Bicycle and Pedestrian, Ferry, Public Transportation, Rail, Governor's Highway Safety and statewide related programs.

2. ORGANIZATION OF PROJECTS IN THE MTIP

The transportation program in the MTIP is first organized by the three transportation Divisions (5, 7, and 8) that make up the DCHC MPO area. Each Division's section begins with a summary list of projects for the Division. The Divisions are followed by the program of Statewide projects. Projects frequently extend across county and Division lines, which results in some duplicate projects. When this duplication occurs, a project is listed in every Division in which it is found.

All projects require extensive planning, environmental impact, and design studies. The location and exact type of improvements are subject to refinement and modification during the planning and design phases. The planning, environmental impact, and design phases are not included for every single project because NCDOT does not often specifically break these phases out separately from Right-of-Way (ROW) or Construction phases of projects.

3. MTIP PROJECT INFORMATION SHEETS

Each project information sheet includes a description of the project, a map of the project location (if the project was mappable), the phases of projects listed by Fiscal Year, the costs for each phase, and the anticipated funding sources.

It is important to note that the NCDOT does not always separately identify federal funds and non-federal matching funds for project costs in the STIP. The DCHC MPO attempted to separate federal funds from non-federal matching funds for the majority of projects in the MTIP with the goal of providing additional project cost-related details. The DCHC MPO referred to FHWA's Guide to Federal Aid Programs and Projects and FTA funding fact sheets for guidance related to the appropriate funding ratios to use for federal funding programs.

Draft FY2018-2027

Transportation Improvement Program

DIVISION 5 PROJECTS

HOW TO READ A PROJECT SHEET

US 70 (Miami Boulevard)

Project Breaks are used to represent different segments or portions of a project and are shown as a letter following the TIP #.

Project Information

HIGHWAY PROGRAM

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5720 A	Project Types	Intersection Improvements, Upgrade Roadway, Division 5: Highway - Urban
MTP #	116; 116.1		
Project Length	1.6 miles	Jurisdictions / Agencies	City of Durham, Durham County, NCDOT, Division 5
Grantor Grant #			
MUNIS Grant #			

Corresponding Metropolitan Transportation Plan ID (if applicable)

Corresponding Grant Numbers - applicable for transit-related grants

Location of the project or agency involved with implementation of the project.

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Utilities	2022	0	3,248,000	0	3,248,000
T	Right of Way	2022	0	27,067,000	0	27,067,000
T	Construction	2024	0	26,235,000	0	26,235,000
T	Construction	2025	0	26,235,000	0	26,235,000
T	Construction	Future Unfunded	0	26,235,000	0	26,235,000
O	PE/Design	Prior Year	0	0	0	2,000,000
Total Project Cost						111,020,000

See Appendix E for detailed information on funding sources used for each project phase.

Type of work or activity to be completed as phases that make up each project.

Estimated costs for each phase of the project and the total project in current year dollars.

Unfunded project costs - unfunded future commitments

Map of estimated project location (if the project was mappable at the time of the release of the draft MTIP).



SR 1616 (Bahama Road) (Bridge)

Project Information

Replace Bridge #20 over Dial Creek (Lake Michie). Right-of-way is in progress for this project.

TIP #	B-4943	Project Types	Federal Bridge
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-OFF	Right of Way	2017	\$32,000	\$8,000	\$0	\$40,000	\$0	
STP-OFF	Utilities	2017	\$52,800	\$13,200	\$0	\$66,000	\$0	
STP-OFF	Construction	2018	\$1,160,000	\$290,000	\$0	\$1,450,000	\$0	
Totals:			\$1,244,800	\$311,200	\$0	\$2,041,000	\$0	

US 15/501 Northbound (Bridge)

Project Information

Replace bridge No. 80 over SR 1308 (Cornwallis Rd) in Durham.

TIP #	B-5674
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Federal Bridge
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPB	Right of Way	2023	\$99,000	\$11,000	\$0	\$110,000	\$0	
NHPB	Construction	2024	\$1,988,100	\$220,900	\$0	\$2,209,000	\$0	
Totals:			\$2,087,100	\$231,900	\$0	\$2,319,000	\$0	

Division 5 Bridges (BPOC)

Project Information

Division 5 Purchase Order Contract bridge replacement projects at selected locations. This project is in progress - bridge purchase order contract (BPOC)

TIP #	BD-5105	Project Types	Administrative, Federal Bridge
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$15,428,000	\$15,428,000	

Project Information

TJCOG - develop a flexible work schedule for employees and organizations in the Triangle Ozone Non-attainment Area for three years. The funding and schedule for Break B, the DCHC MPO portion, are shown in the table below. This project is in progress by the TJCOG.

TIP #	C-4924 B	Project Types	TDM, Congestion Mitigation, Break
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2017	\$523,000	\$0	\$858,000	\$1,381,000	\$0	
CMAQ (L)	Implementation	2018	\$523,000	\$0	\$858,000	\$1,381,000	\$0	Lead Planning Agency
Totals:			\$2,394,000	\$0	\$3,471,000	\$5,865,000	\$866,250	

SR 1317 (Morreene Road)

Project Information

Construct bike lanes and sidewalks along Morreene Road in Durham, from Neal Road to SR 1320 (Erwin Road). Planning, design, right of way, and construction by the City of Durham. This project is in progress.

TIP #	C-4928	Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.5 miles	Counties	Durham County
WBS #	44028.3.F1	Municipalities	City of Durham
MUNIS Grant #	n/a	Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$5,600	\$0	\$1,400	\$7,000	\$0	City of Durham
STBGDA	Right of Way	2018	\$6,000	\$0	\$1,000	\$7,000	\$0	City of Durham
CMAQ (L)	Construction	2018	\$2,331,000	\$0	\$583,000	\$2,914,000	\$0	City of Durham
STBGDA	Construction	2018	\$2,140,000	\$0	\$535,000	\$2,675,000	\$0	City of Durham
L	Construction	2018	\$0	\$0	\$194,000	\$194,000	\$0	City of Durham
Totals:			\$4,904,600	\$0	\$1,419,400	\$6,324,000	\$795,532	

Sidewalks in Durham (Campus Walk Ave & LaSalle St)

Project Information

Sidewalks on Campus Walk Ave from Morreene Rd to LaSalle St. Sidewalks on LaSalle St from Kangaroo Dr to Erwin Rd in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.

TIP #	C-5178
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Construction	2018	\$269,000	\$0	\$67,000	\$336,000	\$0	City of Durham
Totals:			\$269,000	\$0	\$67,000	\$336,000	\$0	

Sidewalks in Durham (Alston Avenue)

Project Information

Sidewalks along Alston Avenue from Capp Street to Riddle Road.

TIP #	C-5183 B	Project Types	Congestion Mitigation, Break
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Right of Way	2018	\$79,200	\$0	\$19,800	\$99,000	\$0	City of Durham
CMAQ (L)	Construction	2018	\$565,160	\$0	\$141,290	\$706,450	\$0	City of Durham
Totals:			\$644,360	\$0	\$161,090	\$805,450	\$0	

West Ellerbe Creek Greenway Trail

Project Information

West Ellerbe Creek Greenway Phase II: Westover Park to Stadium Drive in Durham. Construct multi-use path. Planning, design, right of way, and construction are in progress by the City of Durham.

TIP #	C-5572
MTP #	consistent
CTP #	consistent
Project Length	1.5 miles
WBS #	46401.3.F1
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2017	\$383,670	\$0	\$95,918	\$479,588	\$0	City of Durham
CMAQ (L)	Construction	2017	\$358,640	\$0	\$89,660	\$448,300	\$0	City of Durham
Totals:			\$1,823,910	\$0	\$455,978	\$2,279,888	\$0	

CMAQ in DCHC MPO Area

Project Information

Projects to improve Congestion and Air Quality in the DCHC MPO area.

TIP #	C-5605	Project Types	Congestion Mitigation
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2017	\$2,240,000	\$0	\$560,000	\$2,800,000	\$0	
CMAQ (L)	Engineering	2017	\$17,000	\$0	\$4,000	\$21,000	\$0	
CMAQ (L)	Right of Way	2017	\$6,000	\$0	\$1,000	\$7,000	\$0	
CMAQ (L)	Construction	2017	\$190,000	\$0	\$48,000	\$238,000	\$0	
CMAQ (L)	Implementation	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Other	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	PE/Design	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Right of Way	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Construction	2018	\$1,427,000	\$0	\$357,000	\$1,784,000	\$0	
CMAQ (L)	Implementation	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Other	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	PE/Design	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Right of Way	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Construction	2019	\$1,453,000	\$0	\$363,000	\$1,816,000	\$0	
Totals:			\$7,948,000	\$0	\$1,813,000	\$9,761,000	\$0	

TJCOG TDM Program

Project Information

Triangle J Council of Governments (TJCOG) Transportation Demand Management (TDM) program.

TIP #	C-5605 J	Project Types	TDM, Congestion Mitigation
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Lead Planning Agency, Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2019	\$538,690	\$0	\$135,000	\$673,690	\$0	Lead Planning Agency
Totals:			\$538,690	\$0	\$135,000	\$673,690	\$0	

Durham Bicycle Lane Striping

Project Information

Stripe eight miles of bicycle lanes in the City of Durham.

TIP #	C-5605E	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length	8 mi	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Construction	2018	\$403,200	\$0	\$100,800	\$504,000	\$0	City of Durham
Totals:			\$403,200	\$0	\$100,800	\$504,000	\$0	

Durham Bike Share

Project Information

Design, procure, and install 20 stations and approximately 175 bicycles for a bike share program in Durham.

TIP #	C-5605F	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	PE/Design	2019	\$80,000	\$0	\$20,000	\$100,000	\$0	City of Durham
CMAQ (L)	Right of Way	2019	\$40,000	\$0	\$10,000	\$50,000	\$0	City of Durham
CMAQ (L)	Construction	2019	\$480,000	\$0	\$120,000	\$600,000	\$0	City of Durham
Totals:			\$600,000	\$0	\$150,000	\$750,000	\$0	

Downtown Durham Loop Separated Bike Lane

Project Information

Construct a 0.8 mile separated bicycle lane along West Morgan, Great Jones, and Ramseur streets, otherwise known as the Downtown Loop, in Durham.

TIP #	C-5605G	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length	0.8 mi	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	PE/Design	2018	\$42,000	\$0	\$10,500	\$52,500	\$0	City of Durham
CMAQ (L)	Construction	2019	\$220,500	\$0	\$55,125	\$275,625	\$0	City of Durham
Totals:			\$262,500	\$0	\$65,625	\$328,125	\$0	

Downtown Durham Wayfinding Program

Project Information

Install signage and kiosks throughout Downtown Durham to facilitate navigation and parking.

TIP #	C-5605H	Project Types	Signage & Road Markings, Congestion Mitigation
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	PE/Design	2018	\$72,600	\$0	\$18,150	\$90,750	\$0	City of Durham
CMAQ (L)	Construction	2019	\$484,000	\$0	\$121,000	\$605,000	\$0	City of Durham
Totals:			\$556,600	\$0	\$139,150	\$695,750	\$0	

Durham Neighborhood Bike Routes

Project Information

Sign, mark, and construct when necessary approximately seven miles of neighborhood bike routes in Durham.

TIP #	C-5605I	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length	7 mi	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	PE/Design	2018	\$75,825	\$0	\$15,165	\$90,990	\$0	City of Durham
CMAQ (L)	Construction	2018	\$429,673	\$0	\$111,210	\$540,883	\$0	City of Durham
Totals:			\$505,498	\$0	\$126,375	\$631,873	\$0	

Freedom Road Signage

Project Information

Freedom Roads. Install interactive wayside signage for designated sites. This project is under construction.

TIP #	E-5501	Project Types	Signage & Road Markings, Enhancement, Rural
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Various

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$272,000	\$272,000	

Old Chapel Hill Rd / Old Durham Rd

Project Information

SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Full EB-4707 project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. Total project cost is \$11,147,000. Break A of the project is from US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. The funding and schedule for Break A are shown in the table below.

TIP #	EB-4707 A
MTP #	consistent
CTP #	consistent
Project Length	2.7 miles
WBS #	38664.1.1
MUNIS Grant #	

Project Types	Intersection Improvements, Transit, Bicycle and Pedestrian Program, Urban, Break
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP-DA	Right of Way	2017	\$674,000	\$0	\$168,500	\$842,500	\$0	Town of Chapel Hill
STP-DA	Right of Way	2017	\$553,414	\$0	\$138,353	\$691,767	\$0	Town of Chapel Hill
STBGDA	Construction	2018	\$1,540,000	\$0	\$385,000	\$1,925,000	\$0	Town of Chapel Hill
TAP-DA	Construction	2018	\$280,000	\$0	\$70,000	\$350,000	\$0	Town of Chapel Hill
L	Construction	2018	\$0	\$0	\$569,000	\$569,000	\$0	
Totals:			\$3,047,414	\$0	\$1,330,853	\$4,378,267	\$0	

Old Chapel Hill Rd / Old Durham Rd

Project Information

SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Full EB-4707 project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. Total project cost for this project is \$13,321,000. Break B of the project is from SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County. The project schedule and funding for Break B are shown in the table below.

TIP #	EB-4707 B
MTP #	consistent
CTP #	consistent
Project Length	2.7 miles
WBS #	38664.1.1
MUNIS Grant #	

Project Types	Intersection Improvements, Transit, Bicycle and Pedestrian Program, Urban, Break
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Construction	2017	\$3,392,850	\$250,000	\$598,212	\$4,241,062	\$2,277,049	City of Durham
HP	Construction	2017	\$2,002,950	\$0	\$500,738	\$2,503,688	\$0	City of Durham
Totals:			\$7,061,226	\$250,000	\$1,515,306	\$8,826,532	\$3,597,049	

Project Information

Add bicycle lanes and pedestrian improvements along NC 751 from SR 1116 (Garrett Road) to SR 1158 (Cornwallis Road) in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.

TIP #	EB-5514
MTP #	consistent
CTP #	consistent
Project Length	3.1 miles
WBS #	50030.3.1
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$820,000	\$0	\$205,000	\$1,025,000	\$0	

LaSalle Street Sidewalks

Project Information

Construct sidewalks on both sides of LaSalle Street from Kangaroo Drive to US 70 Business (Hillsborough Road) and on one-side of LaSalle Street from Hillsborough Road to Sprunt Avenue. Planning, design, right of way, and construction by the City of Durham.

TIP #	EB-5703
MTP #	consistent
CTP #	consistent
Project Length	0.7 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2017	\$420,000	\$0	\$105,000	\$525,000	\$0	City of Durham
Totals:			\$489,000	\$0	\$122,000	\$611,000	\$0	

Raynor Street Sidewalks

Project Information

Construct sidewalk on one side of street along Raynor Street from North Miami Boulevard to North Hardee Street in Durham. Planning, design, right of way, and construction by the City of Durham. Project is in progress.

TIP #	EB-5704
MTP #	consistent
CTP #	consistent
Project Length	0.4 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2017	\$200,000	\$0	\$50,000	\$250,000	\$0	City of Durham
Totals:			\$240,000	\$0	\$60,000	\$300,000	\$0	

NC 54 Sidewalks

Project Information

Construct sections of sidewalk on south side of NC 54, from NC 55 to Research Triangle Park western limit in Durham. Planning, design, right of way, and construction by the City of Durham. Project is currently in progress.

TIP #	EB-5708
MTP #	consistent
CTP #	consistent
Project Length	0.6 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
SRTS	Construction	2017	\$250,000	\$0	\$0	\$250,000	\$0	
Totals:			\$300,000	\$0	\$0	\$300,000	\$0	

US 501 Bypass (North Duke Street) Sidewalks

Project Information

Construct sidewalk on east side of North Duke Street from Murray Avenue to US 501 Business (North Roxboro Road) to fill in existing gaps. Planning, design, right of way, and construction by the City of Durham.

TIP #	EB-5715
MTP #	consistent
CTP #	consistent
Project Length	1.8 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2017	\$150,000	\$0	\$37,000	\$187,000	\$0	
TAP	Construction	2017	\$1,015,120	\$0	\$254,280	\$1,269,400	\$0	
Totals:			\$1,165,120	\$0	\$291,280	\$1,456,400	\$0	

R. Kelly Bryant Bridge Trail South

Project Information

Construct a multi-use path from NC 55 to the Kelly Bryant Bridge in Durham. Planning, design, right of way, and construction by the City of Durham.

TIP #	EB-5720
MTP #	consistent
CTP #	consistent
Project Length	1.1 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2017	\$233,000	\$0	\$58,000	\$291,000	\$0	City of Durham
L	Right of Way	2018	\$0	\$0	\$10,000	\$10,000	\$0	City of Durham
TAP	Construction	2019	\$1,534,000	\$0	\$383,000	\$1,917,000	\$0	City of Durham
Totals:			\$1,767,000	\$0	\$451,000	\$2,218,000	\$0	

R. Kelly Bryant Bridge North

Project Information

Construct a shared use path and connecting sidewalks in Durham from the R. Kelly Bryant Bridge to Drew-Granby Park. Planning, design, ROW, and construction managed by the City of Durham.

TIP #	EB-5833	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2018	\$328,000	\$0	\$82,000	\$410,000	\$0	City of Durham
TAP	Right of Way	2020	\$42,000	\$0	\$10,000	\$52,000	\$0	City of Durham
TAP	Construction	2021	\$1,639,000	\$0	\$410,000	\$2,049,000	\$0	City of Durham
Totals:			\$2,009,000	\$0	\$502,000	\$2,511,000	\$0	

Guess Road Sidewalks

Project Information

Construct sidewalks on both sides of NC 157 (Guess Road) from SR 1407 (West Carver Street) to Hillcrest Drive in Durham.

TIP #	EB-5834	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2019	\$94,000	\$0	\$24,000	\$118,000	\$0	City of Durham
TAP	Right of Way	2021	\$163,000	\$0	\$41,000	\$204,000	\$0	City of Durham
TAP	Construction	2022	\$471,000	\$0	\$118,000	\$589,000	\$0	City of Durham
Totals:			\$728,000	\$0	\$183,000	\$911,000	\$0	

Alston Avenue Sidewalks

Project Information

Construct sidewalk on east side of NC 55 (Alston Avenue) from SR 1171 (Riddle Road) to Cecil Street in Durham. Fill in missing gaps.

TIP #	EB-5835	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2020	\$84,000	\$0	\$21,000	\$105,000	\$0	City of Durham
TAP	Right of Way	2022	\$40,000	\$0	\$10,000	\$50,000	\$0	City of Durham
TAP	Construction	2023	\$420,000	\$0	\$105,000	\$525,000	\$0	City of Durham
Totals:			\$544,000	\$0	\$136,000	\$680,000	\$0	

Third Fork Creek Trail

Project Information

Construct a shared use path and sidewalks in Durham from Southern Boundaries Park to the American Tobacco Trail. Install a beacon at SR 1158 (Cornwallis Road). This is an extension of the existing Third Fork Creek Trail. Planning, design, ROW, and construction managed by the City of Durham.

TIP #	EB-5837
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2018	\$407,000	\$0	\$102,000	\$509,000	\$0	City of Durham
TAP	Right of Way	2020	\$129,000	\$0	\$32,000	\$161,000	\$0	City of Durham
TAP	Construction	2021	\$2,037,000	\$0	\$509,000	\$2,546,000	\$0	City of Durham
Totals:			\$2,573,000	\$0	\$643,000	\$3,216,000	\$0	

Duke Belt Line Trail

Project Information

Construct multiuse trail on former rail corridor in Durham from Pettigrew Street to Avondale Drive.

TIP #	EB-5904
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2018	\$600,000	\$0	\$150,000	\$750,000	\$0	City of Durham
TAP	Right of Way	2018	\$5,680,000	\$0	\$1,420,000	\$7,100,000	\$0	City of Durham
TAP	Construction	2020	\$120,000	\$0	\$30,000	\$150,000	\$0	City of Durham
L	Construction	2020	\$0	\$0	\$900,000	\$900,000	\$0	City of Durham
O	Construction	2020	\$0	\$0	\$2,700,000	\$2,700,000	\$0	City of Durham
Totals:			\$6,400,000	\$0	\$5,200,000	\$11,600,000	\$0	

Ecosystem Enhancement Program

Project Information

Ecosystem Enhancement Program for Division 5 Project Mitigation. This project is in progress.

TIP #	EE-4905	Project Types	Mitigation
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$20,302,000	\$0	\$20,302,000	\$0	

Project Information

NC 54 in Durham to Chatham County line. Construct a multi-purpose trail. Parts A - D complete, Part E under construction by the City of Durham.

TIP #	EL-2921 E
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Break
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$7,507,024	\$0	\$0	\$7,507,024	\$7,507,025	

Project Information

The I-540 / NC 540 Feasibility Study will evaluate I-540/NC 540 from NC 54 to US 64/ 264. The study will consider the construction of managed lanes. The feasibility study is in progress.

TIP #	FS-1305 A	Project Types	Study, Interstate, Feasibility Studies
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length	27.0 miles	Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$0	\$0	

I-540 Bridge over I-40

Project Information

I-540 Bridge (#910342) over I-40 in Durham. Replace bridge joints.

TIP #	I-5307 B	Project Types	Interstate
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$270,000	\$30,000	\$0	\$300,000	\$0	

I-40 Managed Lanes

Project Information

Construct managed lanes on I-40 from NC 147 in Durham County to Wade Avenue in Wake County.

TIP #	I-5702 B
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Additional Lanes , Roadway Capacity, Interstate, Highway Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2027	\$0	\$80,520	\$0	\$80,520	\$0	
T	Utilities	2027	\$0	\$1,960,000	\$0	\$1,960,000	\$0	
T	Construction	2027	\$0	\$24,830,000	\$0	\$24,830,000	\$0	
BOND R	Construction	2027	\$0	\$17,530,000	\$0	\$17,530,000	\$0	
T	Construction	Future Unfunded	\$0	\$471,780,000	\$0	\$471,780,000	\$0	
T	Construction	Future Unfunded	\$0	\$471,780,000	\$0	\$471,780,000	\$0	
Totals:			\$0	\$987,960,520	\$0	\$987,960,520	\$0	

I-40 Auxiliary Lane

Project Information

Construct westbound auxiliary lane along I-40 from NC 55 to NC 147. Planning and design for this project are in progress. Coordinate with I-5702 A.

TIP #	I-5707	Project Types	Interstate
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2019	\$241,200	\$26,800	\$0	\$268,000	\$0	
NHP	Utilities	2019	\$49,500	\$5,500	\$0	\$55,000	\$0	
NHP	Construction	2020	\$3,195,000	\$355,000	\$0	\$3,550,000	\$0	
Totals:			\$3,935,700	\$437,300	\$0	\$4,373,000	\$500,000	

I-85 Pavement Rehabilitation in Durham County

Project Information

Pavement rehabilitation along I-85 from 0.5 miles west of US 501 to 0.1 miles east of SR 1827 (Midland Terrace Rd) in Durham. (Engineering cost included in construction phase cost in 2016.)

TIP #	I-5729	Project Types	Roadway/Pavement Rehab, Interstate
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length	5.3 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$7,487,100	\$831,899	\$0	\$8,319,000	\$15,000	

I-85 Pavement Rehabilitation

Project Information

Pavement rehabilitation on I-85 in Durham from US 15/501 to the Orange County line.

TIP #	I-5941	Project Types	Interstate, Highway Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2024	\$2,676,000	\$297,000	\$0	\$2,973,000	\$0	
Totals:			\$2,676,000	\$297,000	\$0	\$2,973,000	\$0	

I-85 Pavement Rehabilitation

Project Information

Pavement rehabilitation on I-85 from SR 1827 (Midland Terrace) in Durham County to north of NC 56 in Granville County.

TIP #	I-5942	Project Types	Interstate, Highway Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2024	\$7,521,000	\$836,000	\$0	\$8,357,000	\$0	
Totals:			\$7,521,000	\$836,000	\$0	\$8,357,000	\$0	

I-540 Managed Shoulders

Project Information

Construct managed shoulders in I-540 from I-40 in Durham County to I-495 in Wake County. The majority of this project is in the CAMPO jurisdiction.

TIP #	I-5982	Project Types	Interstate, Highway Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Construction	2025	\$0	\$14,773,000	\$0	\$14,773,000	\$0	
BOND R	Construction	2025	\$0	\$12,720,000	\$0	\$12,720,000	\$0	
T	Construction	2026	\$0	\$27,493,000	\$0	\$27,493,000	\$0	
T	Construction	2027	\$0	\$27,492,000	\$0	\$27,492,000	\$0	
T	Construction	Future Unfunded	\$0	\$27,492,000	\$0	\$27,492,000	\$0	
Totals:			\$0	\$109,970,000	\$0	\$109,970,000	\$0	

East Durham Siding Norfolk Southern H Line

Project Information

Construct extension to Norfolk Southern H Line, East Durham Siding. Include combination of grade separations and closures at Ellis Road south end crossing (734737A), Glover Road crossing (734736T), and Wrenn Road crossing (734735L) in Durham.

TIP #	P-5706	Project Types	Passenger Rail
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2023	\$0	\$2,877,000	\$0	\$2,877,000	\$0	
O	Right of Way	2023	\$0	\$124,000	\$0	\$124,000	\$0	
T	Right of Way	2024	\$0	\$2,876,000	\$0	\$2,876,000	\$0	
O	Right of Way	2024	\$0	\$123,000	\$0	\$123,000	\$0	
T	Right of Way	2025	\$0	\$2,876,000	\$0	\$2,876,000	\$0	
O	Right of Way	2025	\$0	\$124,000	\$0	\$124,000	\$0	
T	Construction	2026	\$0	\$10,163,000	\$0	\$10,163,000	\$0	
O	Construction	2026	\$0	\$438,000	\$0	\$438,000	\$0	
T	Construction	2027	\$0	\$10,163,000	\$0	\$10,163,000	\$0	
O	Construction	2027	\$0	\$437,000	\$0	\$437,000	\$0	
T	Construction	Future Unfunded	\$0	\$20,325	\$0	\$20,325	\$0	
O	Construction	Future Unfunded	\$0	\$874,000	\$0	\$874,000	\$0	
Totals:			\$0	\$31,095,325	\$0	\$31,095,325	\$0	

Ellis Road Grade Separation

Project Information

Construct a grade separation for the Norfolk Southern rail crossing (735236Y) at SR 1171 (Ellis Road).

TIP #	P-5716
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Passenger Rail
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2023	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	Construction	2026	\$0	\$3,515,000	\$0	\$3,515,000	\$0	
O	Construction	2026	\$0	\$185,000	\$0	\$185,000	\$0	
Totals:			\$0	\$4,700,000	\$0	\$4,700,000	\$0	

Cornwallis Road Grade Separation

Project Information

Construct a grade separation of the Norfolk Southern rail crossing (734742W) at SR 1121 (Cornwallis Road).

TIP #	P-5717
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Passenger Rail
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2019	\$0	\$2,500,000	\$0	\$2,500,000	\$0	
T	Construction	2020	\$0	\$9,500,000	\$0	\$9,500,000	\$0	
O	Construction	2020	\$0	\$500,000	\$0	\$500,000	\$0	
Totals:			\$0	\$12,500,000	\$0	\$12,500,000	\$0	

Passenger Rail Service Expansion - Piedmont Service

Project Information

Purchase five bi-level passenger cars.

TIP #	P-5719	Project Types	Passenger Rail
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Acquisition	2018	\$0	\$18,000,000	\$0	\$18,000,000	\$0	
Totals:			\$0	\$18,000,000	\$0	\$18,000,000	\$0	

Neal Road Grade Separation

Project Information

Construct a grade separation of the Norfolk Southern rail crossing with SR 1317 (Neal Road).

TIP #	P-5728	Project Types	Passenger Rail
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2025	\$0	\$1,500,000	\$0	\$1,500,000	\$0	
T	Construction	2027	\$0	\$3,800,000	\$0	\$3,800,000	\$0	
O	Construction	2027	\$0	\$200,000	\$0	\$200,000	\$0	
Totals:			\$0	\$5,500,000	\$0	\$5,500,000	\$0	

Transportation Alternatives Program - Division 5

Project Information

Division 5 Transportation Alternatives Program (TAP) at various locations.

TIP #	R-5785	Project Types	Highway Program, Rural
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
Totals:			\$1,072,000	\$268,000	\$0	\$1,340,000	\$0	

GoTriangle Replacement Bus

Project Information

Replacement bus. 5307 Grant.

TIP #	TA-4818 B	Project Types	Replacement Bus, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$770,000	\$96,000	\$96,000	\$962,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$770,000	\$96,000	\$96,000	\$962,000	\$0	GoTriangle
Totals:			\$1,540,000	\$192,000	\$192,000	\$6,491,000	\$0	

GoDurham Replacement Bus

Project Information

Battery replacement, bus refurbishment, and paratransit vehicles and bus purchases. STP-DA Grant.

TIP #	TA-4923
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	NC-95-XO74
MUNIS Grant #	USTP5

Project Types	Replacement Bus, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Capital	2017	\$400,375	\$0	\$100,093	\$500,468	\$0	City of Durham
STP-DA	Capital	2018	\$440,413	\$0	\$110,103	\$550,516	\$0	City of Durham
STP-DA	Capital	2019	\$484,454	\$0	\$121,113	\$605,567	\$0	City of Durham
STP-DA	Capital	2020	\$532,899	\$0	\$133,224	\$666,123	\$0	City of Durham
STP-DA	Capital	2021	\$586,189	\$0	\$146,547	\$732,736	\$0	City of Durham
STP-DA	Capital	2022	\$644,808	\$0	\$161,202	\$806,010	\$0	City of Durham
Totals:			\$7,419,913	\$284,800	\$1,616,291	\$9,321,004	\$3,930,400	

GoDurham Replacement Paratransit Vehicle

Project Information

Purchase of paratransit vehicles, bus refurbishment, and bus shelters. STP-DA Grant. Project is in progress through Chapel Hill Transit.

TIP #	TA-5019 A	Project Types	Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #	NC-95-XO74	Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$560,586	\$0	\$140,147	\$700,733	\$266,000	

GoTriangle Expansion Bus

Project Information

Expansion bus. 5307 Grant.

TIP #	TA-5123 B
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Expansion Bus, Transit, Public Transportation, Break
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
Totals:			\$5,404,000	\$540,000	\$540,000	\$19,546,000	\$0	

GoTriangle Bus Rehabilitation

Project Information

Bus rehabilitation. 5309 Grant.

TIP #	TA-5135	Project Types	Renovate Bus, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$222,000	\$0	\$55,000	\$277,000	\$222,000	

GoDurham Vehicle Purchases

Project Information

Purchase of buses and para transit vehicle. 5339 Grant.

TIP #	TA-5144
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UBF95

Project Types	Renovate Bus, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5339 (FBUS)	Capital	2017	\$840,516	\$0	\$168,103	\$1,008,619	\$0	City of Durham
5339 (FBUS)	Capital	2018	\$640,000	\$0	\$160,000	\$800,000	\$0	City of Durham
Totals:			\$2,406,512	\$0	\$553,302	\$2,959,814	\$640,000	

Project Information

Purchase of replacement buses and replacement paratransit vehicles. 5309 Grant.

TIP #	TA-5145
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UBF95

Project Types	Renovate Bus, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5339 (FBUS)	Capital	2018	\$260,000	\$0	\$66,000	\$326,000	\$260,000	City of Durham
Totals:			\$338,000	\$0	\$86,000	\$424,000	\$338,000	

Project Information

Bus repower - 3. 5309 Grant.

TIP #	TA-5146
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UBF95

Project Types	Renovate Bus, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5309 (FBUS)	Capital	2017	\$142,000	\$0	\$35,000	\$177,000	\$0	City of Durham
5309 (FBUS)	Capital	2018	\$142,000	\$0	\$35,000	\$177,000	\$0	City of Durham
Totals:			\$284,000	\$0	\$70,000	\$354,000	\$0	

Project Information

Bus refurbishment - 3. 5309 Grant.

TIP #	TA-5147
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Renovate Bus, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5309 (FBUS)	Capital	2017	\$41,000	\$0	\$10,000	\$51,000	\$0	City of Durham
5309 (FBUS)	Capital	2018	\$41,000	\$0	\$10,000	\$51,000	\$0	City of Durham
Totals:			\$82,000	\$0	\$20,000	\$102,000	\$0	

Project Information

Vanpool vans - replacement (8). 5309 Grant.

TIP #	TA-5148	Project Types	Replacement Van, Transit, Vanpool, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	UBF15; and other grants	Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$178,000	\$0	\$46,000	\$224,000	\$85,532	

GoTriangle Replacement Paratransit Vehicles

Project Information

Replacement paratransit vehicles. STP-DA Grant.

TIP #	TA-5154
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Van, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$215,200	\$0	\$53,800	\$269,000	\$107,600	

GoDurham Bus Replacement

Project Information

Bus replacement project. On October 19, 2015, GoDurham was awarded \$1,120,000 of federal CMAQ funding in 2017. Previous TIP # C-5605B

TIP #	TA-5199	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2018	\$1,120,000	\$0	\$280,000	\$1,400,000	\$0	City of Durham
Totals:			\$1,120,000	\$0	\$280,000	\$1,400,000	\$0	

GoTriangle Bus Replacement

Project Information

For the purchase of three (3) replacement paratransit vehicles and related equipment. (CAMPO)

TIP #	TA-5218	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$226,320	\$28,290	\$28,290	\$282,900	\$0	GoTriangle
Totals:			\$226,320	\$28,290	\$28,290	\$282,900	\$0	

GoTriangle Bus Replacement

Project Information

For the purchase of five (5) replacement buses. (CAMPO)

TIP #	TA-5219	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$1,880,000	\$235,000	\$235,000	\$2,350,000	\$0	GoTriangle
Totals:			\$1,880,000	\$235,000	\$235,000	\$2,350,000	\$0	

GoTriangle Bus & Vanpool Replacement

Project Information

For the purchase of one (1) replacement bus and five (5) vanpool vehicles. (CAMPO)

TIP #	TA-5225	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5339 (FBUS)	Capital	2018	\$502,156	\$62,769	\$62,770	\$627,695	\$0	GoTriangle
Totals:			\$502,156	\$62,769	\$62,770	\$627,695	\$0	

GoDurham Purchase of Service

Project Information

Purchase of service.

TIP #	TA-6178 A
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Transit
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Capital	2018	\$100,000	\$0	\$25,000	\$125,000	\$0	GoDurham
Totals:			\$100,000	\$0	\$25,000	\$125,000	\$0	

Project Information

Capital expenses. 5311 Grant.

TIP #	TA-6246	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Durham County ACCESS

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$160,000	\$0	\$40,000	\$200,000	\$160,000	

DRX Expansion Vehicles

Project Information

Purchase expansion vehicles for DRX route.

TIP #	TA-6668	Project Types	Expansion Bus, Transit
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Acquisition	2018	\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	
Totals:			\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	

CRX Expansion Vehicles

Project Information

Purchase expansion buses for CRX route.

TIP #	TA-6669	Project Types	Expansion Bus, Transit
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Acquisition	2018	\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	
Totals:			\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	

GoDurham Bus Replacement

Project Information

Replace a diesel bus with two lift-equipped electric buses.

TIP #	TA-6682
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Bus, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2019	\$400,000	\$0	\$100,000	\$500,000	\$0	GoDurham
Totals:			\$400,000	\$0	\$100,000	\$500,000	\$0	

GoTriangle Maintenance Facility Renovation

Project Information

Maintenance facility renovation. 5309 Grant.

TIP #	TD-5267	Project Types	Facility - Operations & Maintenance, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$75,000	\$0	\$19,000	\$94,000	\$75,000	

GoTriangle Rougemont Park and Ride

Project Information

GoTriangle Rougemont Park-and-Ride. Professional services and property acquisition. STP-DA Grant.

TIP #	TD-5273	Project Types	Facility - Park & Ride, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$116,000	\$0	\$133,000	\$249,000	\$0	

Roxboro Street Transit Corridor

Project Information

Construct bus stop improvements and shelters and better access to bus stops along Roxboro Street in Durham from Pettigrew Street to Denfield Street.

TIP #	TD-5286	Project Types	Transit, Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Construction	2021	\$1,272,000	\$0	\$0	\$1,272,000	\$0	
T	Construction	2021	\$0	\$106,000	\$0	\$106,000	\$0	
L	Construction	2021	\$0	\$0	\$106,000	\$106,000	\$0	
Totals:			\$1,272,000	\$106,000	\$106,000	\$1,484,000	\$0	

Holloway Street Transit Corridor

Project Information

Construct bus stop improvements and better access to bus stops along NC 98 (Holloway Street).

TIP #	TD-5294	Project Types	Transit, Bicycle and Pedestrian Program
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Fed	Construction	2019	\$954,000	\$0	\$0	\$954,000	\$0	
T	Construction	2019	\$0	\$106,000	\$0	\$106,000	\$0	
L	Construction	2019	\$0	\$0	\$106,000	\$106,000	\$0	
Totals:			\$954,000	\$106,000	\$106,000	\$1,166,000	\$0	

Project Information

Construct a regional transit center.

TIP #	TD-5297
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Facility - Park & Ride, Transit, Facility - Other, Non-Highway Program, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Fed	Construction	2024	\$8,320,000	\$0	\$0	\$8,320,000	\$0	
T	Construction	2024	\$0	\$1,040,000	\$0	\$1,040,000	\$0	
L	Construction	2024	\$0	\$0	\$1,040,000	\$1,040,000	\$0	
Totals:			\$8,320,000	\$1,040,000	\$1,040,000	\$10,400,000	\$0	

Durham-Orange Light Rail

Project Information

Construct light rail system from UNC Hospital in Chapel Hill to North Carolina Central University in Durham. Project has entered engineering phase and received authorization for federal funds for engineering.

TIP #	TE-5205
MTP #	
CTP #	
Project Length	17.1 miles
WBS #	
MUNIS Grant #	

Project Types	Transit, Facility - Other, Passenger Rail, Non-Highway Program, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	Town of Chapel Hill, City of Durham
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$37,598	\$0	

Project Information

Routine Capital - bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc. 5307 Grant.

TIP #	TG-4738	Project Types	Routine Capital, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$4,154,537	\$0	\$1,038,634	\$5,193,171	\$0	City of Durham
5307 (FUZ)	Capital	2018	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
5307 (FUZ)	Capital	2019	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
5307 (FUZ)	Capital	2020	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
5307 (FUZ)	Capital	2021	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
5307 (FUZ)	Capital	2022	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
5307 (FUZ)	Capital	2023	\$475,000	\$0	\$119,000	\$594,000	\$0	City of Durham
Totals:			\$14,648,594	\$0	\$3,769,533	\$18,418,127	\$736,882	

GoDurham Preventative Maintenance

Project Information

Preventative Maintenance

TIP #	TG-4738 A
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Planning Assistance, Transit, Public Transportation, Break
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Operations	2017	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2018	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2019	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2020	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2021	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2022	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
5307 (FUZ)	Operations	2023	\$3,000,000	\$0	\$750,000	\$3,750,000	\$0	City of Durham
Totals:			\$41,488,000	\$0	\$10,372,000	\$51,860,000	\$3,498,870	

Project Information

Routine Capital -Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc includes ADA, PM, and service vehicles

TIP #	TG-4821 B	Project Types	Transit, Facility - Other, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$1,527,000	\$0	\$382,000	\$1,909,000	\$0	GoTriangle
5307 (FUZ)	Capital	2018	\$1,573,000	\$0	\$393,000	\$1,966,000	\$0	GoTriangle
5307 (FUZ)	Capital	2019	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2023	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
Totals:			\$19,594,800	\$0	\$4,895,200	\$24,490,000	\$1,170,601	

GoDurham Passenger Amenities

Project Information

Bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc. 5307 GRANT.

TIP #	TG-4958	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$303,200	\$0	\$75,800	\$379,000	\$0	

Project Information

TIP #	TG-5235
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Safety & Security, Transit
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Capital	2017	\$136,527	\$0	\$34,132	\$170,659	\$0	GoTriangle
Totals:			\$136,527	\$0	\$34,132	\$170,659	\$0	

Project Information

Shop Equipment

TIP #	TG-5250	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #	UBF15; and other grants	Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$70,000	\$0	\$17,000	\$87,000	\$70,000	

Project Information

Routine Capital. 5309 Grant.

TIP #	TG-5251	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	UBF15	Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$222,000	\$0	\$55,000	\$277,000	\$197,760	

Durham Neighborhood Transit Center

Project Information

GoTriangle- establish Neighborhood Transit Centers in Durham. Reg B: Neighborhood Transit Center in South Durham in connection with Southpoint Park-and-Ride facility. Total project cost for Breaks B and E is \$1,320,000.

TIP #	TG-5255 B	Project Types	Facility - Park & Ride, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$528,000	\$66,000	\$66,000	\$660,000	\$0	

Durham Neighborhood Transit Center

Project Information

GoTriangle- establish Neighborhood Transit Centers in Durham. Reg E Neighborhood Transit Center in Southwest Durham in connection with Patterson Place Park-and-Ride facility. Total project cost for Breaks B and E is \$1,320,000.

TIP #	TG-5255 E	Project Types	Facility - Park & Ride, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$528,000	\$66,000	\$66,000	\$660,000	\$0	

Project Information

Administration. 5317 New Freedom.

TIP #	TK-6126	Project Types	Administrative, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Durham County ACCESS

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5311 (FNU)	Operations	2017	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2018	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2019	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2020	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2021	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2022	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
5311 (FNU)	Operations	2023	\$31,500	\$0	\$31,500	\$63,000	\$0	Durham County
Totals:			\$503,500	\$69,000	\$510,500	\$1,083,000	\$277,000	

Capital - Travel Training

Project Information

Capital - Travel Training. JARC 5316 GRANT

TIP #	TM-5304
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LJA13

Project Types	Training, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$100,000	\$0	\$25,000	\$125,000	\$100,000	

Planning & Program Administration

Project Information

City of Durham Planning & Program Administration of JARC projects (5316)

TIP #	TM-5307	Project Types	Administrative, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #	LJA11; LJA13; LJA14	Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$72,000	\$0	\$18,000	\$90,000	\$0	

Expanded Service to Brier Creek

Project Information

Expanded Service to Brier Creek - Rt.15. JARC 5316 Grant

TIP #	TM-5310
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LJA14

Project Types	Operations, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$231,000	\$0	\$231,000	\$462,000	\$231,000	

GoTriangle Sunday Routes

Project Information

Sunday Routes (400,700, & 800). JARC 5316 Grant

TIP #	TM-5311	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	LJA14	Agencies	Other, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$235,000	\$0	\$235,000	\$470,000	\$235,000	

Operating Assistance -New Freedom

Project Information

Operating Assistance -New Freedom 5317 grant - Urban

TIP #	TN-5102	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	City of Durham
MUNIS Grant #	LNF13	Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5317 (FNF)	Operations	2017	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2018	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2019	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2020	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2021	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2022	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2023	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
Totals:			\$504,000	\$0	\$504,000	\$1,764,000	\$756,000	

Capital-Membership in GoTriangle Regional Call Center

Project Information

Capital-Membership in GoTriangle Regional Call Center. (New Freedom 5317 grant)

TIP #	TN-5132	Project Types	Mobility Management (transit), Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #	LNF13	Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$105,000	\$0	\$26,000	\$131,000	\$105,000	

Capital - Travel Training (con't)

Project Information

Capital - continuation of travel training. (New Freedom 5317 GRANT)

TIP #	TN-5133
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LNF13

Project Types	Training, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	
Agencies	Durham Center for Senior Life

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$24,000	\$0	\$6,000	\$30,000	\$0	

Planning & Program Administration

Project Information

City of Durham Planning & Program Administration of New Freedom projects (5317)

TIP #	TN-5134
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LNF13

Project Types	Administrative, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough
Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$14,000	\$14,000	

Project Information

Operating Assistance - SMAP grant.

TIP #	TO-5130	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
SMAP	Operations	2017	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2018	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2019	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2020	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2021	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2022	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
SMAP	Operations	2023	\$0	\$2,806,000	\$0	\$2,806,000	\$0	
Totals:			\$0	\$39,184,000	\$0	\$39,184,000	\$16,736,000	

Operating Assistance - New Route

Project Information

Operating Assistance - New Route. CMAQ funds flexed from original project #C-5180.

TIP #	TO-5130 B	Project Types	Operating Assistance, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Operations	2018	\$1,100,000	\$0	\$275,000	\$1,375,000	\$0	
Totals:			\$2,999,200	\$0	\$749,800	\$3,749,000	\$0	

GoDurham Operating Assistance (5307)

Project Information

5307 Operating Assistance

TIP #	TO-5202	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$262,000	\$0	\$262,000	\$524,000	\$261,882	

GoDurham Paratransit Operating (Capital)

Project Information

Paratransit Operating (Capital). 5307 Grant.

TIP #	TO-5203
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$399,200	\$0	\$99,800	\$499,000	\$261,882	

Project Information

Planning Assistance 5307

TIP #	TP-4732 A	Project Types	Planning Assistance, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307-Planning (FUZ)	Planning	2017	\$573,000	\$72,000	\$72,000	\$717,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2018	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2019	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2020	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2021	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2022	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2023	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
Totals:			\$6,739,400	\$844,800	\$844,800	\$8,429,000	\$976,000	

Project Information

Planning Assistance - 5303

TIP #	TP-5108	Project Types	Planning Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #	USP86	Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5303	Capital	2017	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2018	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2019	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2020	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2021	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2022	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
5303	Capital	2023	\$112,000	\$14,000	\$14,000	\$140,000	\$0	City of Durham
Totals:			\$1,568,000	\$196,000	\$196,000	\$1,960,000	\$672,000	

Project Information

Planning Assistance - 5307

TIP #	TP-5109	Project Types	Planning Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307-Planning (FUZ)	Capital	2017	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2018	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2019	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2020	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2021	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2022	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2022	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
5307-Planning (FUZ)	Capital	2023	\$384,000	\$48,000	\$48,000	\$480,000	\$0	City of Durham
Totals:			\$5,393,600	\$674,200	\$674,200	\$6,742,000	\$520,502	

Project Information

Reservation, Scheduling, SY & Mobility Services. 5310 Grant.

TIP #	TQ-3000
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UED14

Project Types	Mobility Management (transit), Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$108,800	\$0	\$27,200	\$136,000	\$108,800	

Project Information

Purchase of demand response service. 5310 Grant.

TIP #	TQ-3001
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UED14

Project Types	Purchase of Service, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	Durham County ACCESS

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Capital	2017	\$100,000	\$0	\$25,000	\$125,000	\$0	Durham County
Totals:			\$200,000	\$0	\$50,000	\$250,000	\$0	

Operating Assistance - Purchase of Service

Project Information

Operating assistance - purchase of service. 5310 Grant.

TIP #	TQ-6158	Project Types	Purchase of Service, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	Durham County ACCESS

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$371,000	\$46,000	\$46,000	\$463,000	\$371,000	

Project Information

Administration of Section 5310 program. 5310 Grant.

TIP #	TQ-7002 HF	Project Types	Administrative, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	UED14	Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Admin	2018	\$48,000	\$0	\$0	\$48,000	\$0	
Totals:			\$76,390	\$0	\$0	\$76,390	\$0	

GoDurham Safety & Security - 1% Set Aside

Project Information

Safety & Security - 1% Set Aside. 5307 Grant.

TIP #	TS-5108
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Safety & Security, Transit, Public Transportation
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2018	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2019	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2020	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2021	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2022	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
5307 (FUZ)	Capital	2023	\$39,000	\$0	\$4,000	\$43,000	\$0	City of Durham
Totals:			\$496,800	\$0	\$78,200	\$575,000	\$184,800	

Project Information

Safety & Security - 1% Set Aside . 5307 Grant.

TIP #	TS-5119
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Safety & Security, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2018	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2019	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$19,000	\$0	\$0	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Construction	2023	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
Totals:			\$340,200	\$0	\$63,800	\$404,000	\$199,200	

East End Connector

Project Information

East End Connector, from NC 147 (Durham Freeway) to north of NC 98 in Durham. Four-lane divided freeway with auxiliary lanes, part on new location.

TIP #	U-0071	Project Types	New Road, Urban
MTP #	15	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	3.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Construction	2017	\$0	\$35,175,000	\$0	\$35,175,000	\$0	
T	Construction	2018	\$0	\$35,175,000	\$0	\$35,175,000	\$0	
STBGDA	Construction	2018	\$35,638	\$0	\$8,910	\$44,548	\$0	City of Durham
Totals:			\$273,638	\$140,700,000	\$67,910	\$206,509,548	\$100,892,253	

Project Information

From NC 147 (Durham Freeway) to US 70 Business/ NC 98 (Holloway St) in Durham. Widen from four-lane divided facility from NC 147 to Main Street and replace Norfolk Southern railroad bridges. Modernize from Main Street to US 70 Business/ NC 98 (Holloway St) including addition of on-street parking, bicycle lanes, turn lanes, median, and access management. Right of way for this project is in progress.

TIP #	U-3308
MTP #	75.1; 75.2; 75.3
CTP #	consistent
Project Length	1.0 miles
WBS #	34915.3.FR1
MUNIS Grant #	n/a

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Landscaping, Upgrade Roadway, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	Construction	2017	\$8,240,000	\$2,060,000	\$0	\$10,300,000	\$0	
STBGDA	Construction	2018	\$34,397	\$0	\$8,599	\$42,996	\$0	City of Durham
Totals:			\$31,373,797	\$9,953,600	\$65,599	\$41,392,996	\$5,738,940	

Passenger Rail Project Piedmont Corridor

Project Information

Passenger Rail Project Piedmont Corridor Various Routes and Norfolk Southern Railroad-North Carolina Railroad in Durham and Morrisville, south of I-40 to north of McCrimmon Parkway. Construct a grade separation at SR 1978 (Hopson Rd). Extend Church Street to Hopson Rd. Close Church Street crossing 734 748 m of the Norfolk Southern-North Carolina Railroad, construct a second track, and widen Hopson Road from east of SR 1999 (Davis Drive) to NC 54.

TIP #	U-4716
MTP #	202
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Passenger Rail
Regions	Region C
Divisions	Division 5
Counties	
Municipalities	
Agencies	NCDOT, Other

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	Future Unfunded	\$0	\$0	\$0	\$1,126,000	\$0	
O	Right of Way	Future Unfunded	\$0	\$1,126,000	\$0	\$1,126,000	\$0	
T	Construction	Future Unfunded	\$0	\$0	\$0	\$3,160,000	\$0	
O	Construction	Future Unfunded	\$0	\$3,160,000	\$0	\$3,160,000	\$0	
Totals:			\$0	\$4,436,000	\$0	\$36,062,000	\$0	

SR 1158 (Cornwallis Road)

Project Information

Construct bike and pedestrian features along West Cornwallis Road (SR1158) from South Roxboro Street (SR 2295) to Chapel Hill Road (SR 1127) in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.

TIP #	U-4724
MTP #	consistent
CTP #	consistent
Project Length	1.2 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2018	\$3,854,000	\$0	\$1,124,000	\$4,978,000	\$0	City of Durham
Totals:			\$4,539,000	\$0	\$1,295,000	\$5,834,000	\$684,828	

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Information

Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects construct bike and pedestrian features. Planning, design, right of way, and construction by jurisdictions or agencies in the DCHC MPO area. STP-DA and TAP-DA funding reflects unprogrammed balances, programming subject to MPO approval.

TIP #	U-4726	Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$48,080	\$0	\$12,020	\$60,100	\$0	City of Durham
STP-DA	Construction	2017	\$747,136	\$0	\$186,784	\$933,920	\$0	
TAP-DA	Construction	2017	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2018	\$350,000	\$0	\$0	\$350,000	\$0	
STP-DA	Construction	2018	\$2,066,903	\$0	\$516,725	\$2,583,628	\$0	City of Durham
STP-DA	Construction	2018	\$3,204,976	\$0	\$1,075,411	\$4,280,387	\$0	City of Durham
STBGDA	Construction	2018	\$1,698,219	\$0	\$424,555	\$2,122,774	\$0	
TAP-DA	Construction	2019	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2020	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2021	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2022	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2023	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2024	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2025	\$350,000	\$0	\$0	\$350,000	\$0	
Totals:			\$17,519,202	\$0	\$3,847,717	\$21,366,919	\$0	

NC 751 and NC 54 Sidewalks

Project Information

Construction of sidewalks on NC 751 between Garrett Rd and NC 54, and on NC 54 between NC 751 and Dresden Drive. This project was previously part of ER-2971, the NCDOT's Sidewalk Program in all fourteen highway divisions.

TIP #	U-4726 HJ
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Construction	2017	\$182,000	\$0	\$45,500	\$227,500	\$0	City of Durham
Totals:			\$182,000	\$0	\$101,558	\$283,558	\$32,000	

Avondale Drive (Bike/Ped)

Project Information

Construct bicycle and pedestrian facilities along Avondale Drive.

TIP #	U-4726 HM
MTP #	consistent
CTP #	consistent
Project Length	1.2 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$323,907	\$0	\$80,976	\$404,883	\$323,907	

Hillandale Road (Bike/Ped)

Project Information

Construct sidewalks and bicycle facilities along Hillandale Road from I-85 to NC 147.

TIP #	U-4726 HN
MTP #	consistent
CTP #	consistent
Project Length	1.0 mile
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$26,225	\$0	\$6,556	\$32,781	\$0	City of Durham
STP-DA	Construction	2018	\$2,066,903	\$0	\$761,543	\$2,828,446	\$0	City of Durham
Totals:			\$2,290,499	\$0	\$817,441	\$3,107,940	\$372,084	

Carpenter-Fletcher Road (Bike/Ped)

Project Information

Construct sidewalks and bicycle facilities along Carpenter-Fletcher Road from Woodcroft Parkway to Alston Avenue.

TIP #	U-4726 HO
MTP #	consistent
CTP #	consistent
Project Length	0.6 miles
WBS #	36268.3.32
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$21,855	\$0	\$5,464	\$27,319	\$0	City of Durham
STP-DA	Construction	2018	\$3,204,976	\$0	\$1,076,411	\$4,281,387	\$0	City of Durham
Totals:			\$3,531,053	\$0	\$1,157,930	\$4,688,983	\$579,516	

DCHC MPO Planning Allocation and Work Program

Project Information

DCHC MPO Planning Allocation and Work Program. This project includes \$233,000 Federal TIGER grant. This project is in progress.

TIP #	U-4727
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
Regions	Region C, Region D, Region E
Divisions	Division 5, Division 7, Division 8
Counties	Chatham County, Durham County, Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough
Agencies	Chapel Hill Transit (CHT), GoDurham, Durham Center for Senior Life, Durham County ACCESS, Lead Planning Agency, Orange Public Transit, Triangle J Council of Government, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000	\$0	City of Durham
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732	\$0	Lead Planning Agency
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500	\$0	Town of Chapel Hill
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000	\$0	GoTriangle
PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000	\$0	Lead Planning Agency
Totals:			\$21,409,871	\$69,720	\$1,849,246	\$23,328,837	\$0	

Project Information

City of Durham and GoDurham UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$771,236	\$47,206	\$164,928	\$983,370	\$222,700	

Project Information

DCHC MPO Lead Planning Agency UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
Regions	Region C, Region D, Region E
Divisions	Division 5, Division 7, Division 8
Counties	Chatham County, Durham County, Orange County
Municipalities	
Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$1,515,169	\$0	\$378,793	\$1,893,962	\$0	

Project Information

Durham County UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$41,556	\$0	\$10,389	\$51,945	\$0	

Project Information

Triangle J Council of Governments UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$55,000	\$0	\$13,750	\$68,750	\$0	

Project Information

GoTriangle UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$684,000	\$85,500	\$315,500	\$1,085,000	\$0	

DCHC MPO STP-DA Reserve Funds

Project Information

DCHC MPO STP-DA Funds - Reserved for future programming. Includes \$137,000 to be allocated to TG-5235.

TIP #	U-5023	Project Types	Urban
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2020	\$763,000	\$0	\$191,000	\$954,000	\$0	
STBGDA	Construction	2021	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2022	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2023	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2024	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2025	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2026	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2027	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
Totals:			\$27,167,000	\$0	\$6,792,000	\$33,959,000	\$0	

Project Information

SR 1448 Latta Road / SR 1639 Infinity Road intersection in Durham. Intersection Improvements. Planning and design for this project are in progress. ROW acquisition is funded by the City of Durham.

TIP #	U-5516
MTP #	92.1
CTP #	consistent
Project Length	0.5 miles
WBS #	
MUNIS Grant #	

Project Types	Intersection Improvements, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
L	Right of Way	2018	\$0	\$0	\$2,000,000	\$2,000,000	\$0	City of Durham
NHP	Construction	2019	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
Totals:			\$4,950,000	\$550,000	\$2,000,000	\$7,610,000	\$110,000	

US 15/501 (and Garrett Road)

Project Information

SR 1116 Garrett Road in Durham. Convert the existing at-grade intersection to an interchange. Coordinate this project with TE-5205.

TIP #	U-5717
MTP #	113.1
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Intersection Improvements, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2019	\$0	\$26,400,000	\$0	\$26,400,000	\$0	
T	Utilities	2019	\$0	\$700,000	\$0	\$700,000	\$0	
T	Right of Way	2020	\$0	\$26,400,000	\$0	\$26,400,000	\$0	
T	Construction	2020	\$0	\$5,900,000	\$0	\$5,900,000	\$0	
T	Construction	2021	\$0	\$5,900,000	\$0	\$5,900,000	\$0	
T	Construction	2022	\$0	\$5,900,000	\$0	\$5,900,000	\$0	
Totals:			\$0	\$71,200,000	\$0	\$71,200,000	\$0	

US 70 (Miami Boulevard)

Project Information

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5720 A	Project Types	Intersection Improvements, Upgrade Roadway, Urban, Break
MTP #	116; 116.1	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.6 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2022	\$0	\$17,250,000	\$0	\$17,250,000	\$0	
T	Utilities	2022	\$0	\$650,000	\$0	\$650,000	\$0	
T	Construction	2022	\$0	\$2,850,000	\$0	\$2,850,000	\$0	
T	Right of Way	2023	\$0	\$17,250,000	\$0	\$17,250,000	\$0	
T	Utilities	2023	\$0	\$650,000	\$0	\$650,000	\$0	
T	Construction	2023	\$0	\$13,537,000	\$0	\$13,537,000	\$0	
T	Construction	2024	\$0	\$13,538,000	\$0	\$13,538,000	\$0	
T	Construction	2025	\$0	\$13,538,000	\$0	\$13,538,000	\$0	
T	Construction	2026	\$0	\$13,537,000	\$0	\$13,537,000	\$0	
Totals:			\$0	\$94,800,000	\$0	\$94,800,000	\$2,000,000	

US 70 (Miami Boulevard)

Project Information

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break B of this project is US 70 (Miami Blvd) from SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd) Intersection. Convert at-grade intersection to interchange. Break B are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5720 B	Project Types	Intersection Improvements, Urban, Break
MTP #	116; 116.1	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.6 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2022	\$0	\$8,000,000	\$0	\$8,000,000	\$0	
T	Utilities	2022	\$0	\$661,000	\$0	\$661,000	\$0	
T	Construction	2022	\$0	\$1,265,000	\$0	\$1,265,000	\$0	
T	Right of Way	2023	\$0	\$8,000,000	\$0	\$8,000,000	\$0	
T	Utilities	2023	\$0	\$660,000	\$0	\$660,000	\$0	
T	Construction	2023	\$0	\$6,009,000	\$0	\$6,009,000	\$0	
T	Construction	2024	\$0	\$6,009,000	\$0	\$6,009,000	\$0	
T	Construction	2025	\$0	\$6,009,000	\$0	\$6,009,000	\$0	
T	Construction	2026	\$0	\$6,008,000	\$0	\$6,008,000	\$0	
Totals:			\$0	\$42,621,000	\$0	\$42,621,000	\$0	

US 70 (Miami Boulevard)

Project Information

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break C of this project is US 70 from SR 1959 (South Miami Blvd) / SR 1811 (Sherron Rd) to SR 1906 (Leesville Rd). Break C for this project is not currently funded, no schedule or funding is shown below. Planning and design for this project are in progress.

TIP #	U-5720 C	Project Types	Upgrade Roadway, Urban, Break
MTP #	116; 116.1	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.6 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2025	\$0	\$18,000,000	\$0	\$18,000,000	\$0	
T	Utilities	2025	\$0	\$2,200,000	\$0	\$2,200,000	\$0	
T	Right of Way	2026	\$0	\$18,000,000	\$0	\$18,000,000	\$0	
T	Utilities	2026	\$0	\$2,200,000	\$0	\$2,200,000	\$0	
T	Construction	2027	\$0	\$27,700,000	\$0	\$27,700,000	\$0	
T	Construction	Future Unfunded	\$0	\$83,100,000	\$0	\$83,100,000	\$0	
Totals:			\$0	\$151,200,000	\$0	\$151,200,000	\$0	

US 70 (Miami Boulevard)

Project Information

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break D of this project is US 70 from Leesville Rd in Durham County to west of Alexander Drive in Wake County. Break D for this project is not currently funded, no schedule or funding is shown below. Planning and design for this project are in progress.

TIP #	U-5720 D	Project Types	Urban, Break
MTP #	116; 116.1	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	1.6 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$0	\$0	

Project Information

SR 1183 (University Dr) intersection in Durham. Construct a roundabout. Planning and design for this project are in progress. Coordinate with EB-5514.

TIP #	U-5745	Project Types	Intersection Improvements, Urban
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Construction	2018	\$0	\$1,300,000	\$0	\$1,300,000	\$0	
Totals:			\$0	\$1,750,000	\$0	\$1,750,000	\$100,500	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. Total project cost for the entire project is \$228,859,000.

Break B for this project is improvements to NC 54 from US 15/501 in Orange County to SR 1110 (Barbee Chapel Rd) in Durham County, upgrade the roadway corridor and convert at-grade intersection with SR 1110 (Barbee Chapel Rd) to interchange.

Consultation with Town of Chapel Hill regarding NC 54 and Barbee Chapel Road intersection improvements will occur during planning and design. Project costs for Break B are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 B	Project Types	Intersection Improvements, Upgrade Roadway, Urban, Break
MTP #	208	Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHP	Utilities	2022	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Right of Way	2023	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHP	Utilities	2023	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Construction	2024	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
NHP	Construction	2025	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
NHP	Construction	2026	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
Totals:			\$37,710,000	\$4,190,000	\$0	\$41,900,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break C for this project is NC 54 from SR 1110 (Barbee Chapel Rd) to I-40, upgrade the roadway corridor. Project costs for Break C are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 C	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.1; 69.2; 69.3	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	9.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
NHP	Utilities	2022	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Right of Way	2023	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
NHP	Utilities	2023	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Construction	2024	\$7,110,000	\$790,000	\$0	\$7,900,000	\$0	
NHP	Construction	2025	\$7,110,000	\$790,000	\$0	\$7,900,000	\$0	
NHP	Construction	2026	\$7,110,000	\$790,000	\$0	\$7,900,000	\$0	
Totals:			\$24,030,000	\$2,670,000	\$0	\$26,700,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break F of the project is the I-40/NC 54 interchange improvements. Previous breaks D and E were incorporated into break F in P4.0.

Cost estimates for improvements to interchange may change during planning and design. Project costs for Break F are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205 (Previous TIP # U-5324.) and R-5821.

TIP #	U-5774 F	Project Types	Intersection Improvements, Urban, Break
MTP #	203	Regions	Region C
CTP #	consistent	Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	Future Unfunded	\$48,600,000	\$5,400,000	\$0	\$54,000,000	\$0	
NHP	Utilities	Future Unfunded	\$720,000	\$80,000	\$0	\$800,000	\$0	
NHP	Construction	Future Unfunded	\$35,370,000	\$3,930,000	\$0	\$39,300,000	\$0	
Totals:			\$84,690,000	\$9,410,000	\$0	\$94,100,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break G of the project is NC 54 from I-40 to NC 751, upgrade the roadway corridor. Project costs for Break G are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 G	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.1	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill, City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	Future Unfunded	\$0	\$1,800,000	\$0	\$1,800,000	\$0	
T	Utilities	Future Unfunded	\$0	\$800,000	\$0	\$800,000	\$0	
T	Construction	Future Unfunded	\$0	\$29,400,000	\$0	\$29,400,000	\$0	
Totals:			\$0	\$32,750,000	\$0	\$32,750,000	\$750,000	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break H of the project is NC 54 from NC 751 to SR 1118 (Fayetteville Rd), upgrade the roadway corridor. Project costs for Break H are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324C.)

TIP #	U-5774 H	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.2	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	9.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2023	\$0	\$2,950,000	\$0	\$2,950,000	\$0	
T	Utilities	2023	\$0	\$1,250,000	\$0	\$1,250,000	\$0	
T	Right of Way	2024	\$0	\$2,950,000	\$0	\$2,950,000	\$0	
T	Utilities	2024	\$0	\$1,250,000	\$0	\$1,250,000	\$0	
T	Construction	2025	\$0	\$4,400,000	\$0	\$4,400,000	\$0	
T	Construction	2026	\$0	\$4,400,000	\$0	\$4,400,000	\$0	
T	Construction	2027	\$0	\$4,400,000	\$0	\$4,400,000	\$0	
Totals: \$0				\$21,600,000	\$0	\$21,600,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break I of the project is NC 54 from SR 1118 (Fayetteville Rd) to SR 1106 (Barbee Rd), upgrade the roadway corridor. Project costs for Break I are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 I	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.3	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	9.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	Future Unfunded	\$0	\$2,500,000	\$0	\$2,500,000	\$0	
T	Utilities	Future Unfunded	\$0	\$10,700,000	\$0	\$10,700,000	\$0	
T	Construction	Future Unfunded	\$0	\$20,400,000	\$0	\$20,400,000	\$0	
Totals:			\$0	\$33,600,000	\$0	\$33,600,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break J of the project is NC 54 from SR 1106 (Barbee Rd) to NC 55, upgrade roadway corridor. Project costs for Break J are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 J	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.4	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length	9.2 miles	Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	Future Unfunded	\$0	\$3,200,000	\$0	\$3,200,000	\$0	
T	Utilities	Future Unfunded	\$0	\$12,600,000	\$0	\$12,600,000	\$0	
T	Construction	Future Unfunded	\$0	\$14,800,000	\$0	\$14,800,000	\$0	
Totals:			\$0	\$30,600,000	\$0	\$30,600,000	\$0	

Woodcroft Parkway Extension

Project Information

SR 1116 (Garrett Rd) to NC 751 (Hope Valley Rd) in Durham. Construct roadway on new alignment. Planning, design, right of way, and construction by the City of Durham. Non-state system facility, local match by City of Durham.

TIP #	U-5823
MTP #	123.11; 123
CTP #	consistent
Project Length	0.2 miles
WBS #	
MUNIS Grant #	

Project Types	New Road, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	Right of Way	2020	\$301,000	\$0	\$75,000	\$376,000	\$0	City of Durham
STP	Utilities	2020	\$36,000	\$0	\$9,000	\$45,000	\$0	City of Durham
STP	Construction	2021	\$1,438,000	\$0	\$360,000	\$1,798,000	\$0	City of Durham
Totals:			\$1,775,000	\$0	\$444,000	\$2,219,000	\$0	

NC-147 Widening, East End Connector to I-40

Project Information

Add lanes and rehabilitate pavement on NC-147 from the East End Connector to I-40.

TIP #	U-5934
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Additional Lanes , Roadway Capacity, Roadway/Pavement Rehab, Upgrade Roadway, Highway Program, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$742,000	\$83,000	\$0	\$825,000	\$0	
NHP	Utilities	2022	\$1,191,000	\$132,000	\$0	\$1,323,000	\$0	
NHP	Construction	2022	\$7,970,000	\$885,000	\$0	\$8,855,000	\$0	
NHP	Construction	2023	\$50,474,000	\$5,608,000	\$0	\$56,082,000	\$0	
NHP	Construction	2024	\$50,474,000	\$5,608,000	\$0	\$56,082,000	\$0	
NHP	Construction	2025	\$50,474,000	\$5,607,000	\$0	\$56,081,000	\$0	

Totals: \$161,325,000 \$17,923,000 \$0 \$179,248,000 \$0

NC-147, aux lanes from South Duke to Briggs Avenue

Project Information

Construct auxiliary lanes and operational improvements on NC-147 from South Duke Street to Briggs Avenue - added to FY16-25 STIP for planning and environmental study only

TIP #	U-5937
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Operations, Roadway Capacity, Upgrade Roadway, Highway Program, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2021	\$0	\$4,950,000	\$0	\$4,950,000	\$0	
T	Utilities	2021	\$0	\$1,188,000	\$0	\$1,188,000	\$0	
T	Right of Way	2022	\$0	\$4,950,000	\$0	\$4,950,000	\$0	
T	Construction	2023	\$0	\$15,667,000	\$0	\$15,667,000	\$0	
T	Construction	2024	\$0	\$15,667,000	\$0	\$15,667,000	\$0	
T	Construction	2025	\$0	\$15,667,000	\$0	\$15,667,000	\$0	
Totals:			\$0	\$58,089,000	\$0	\$58,089,000	\$0	

City of Durham Signal System Upgrade

Project Information

Upgrade of the City of Durham's ITS/Signal system. Includes \$137,000 to be allocated to TG-5235.

TIP #	U-5968	Project Types	Signal/ITS, Urban
MTP #		Regions	Region C
CTP #		Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$0	\$0	\$0	\$0	City of Durham
STP	Utilities	2019	\$468	\$117,000	\$0	\$117,468	\$0	
L	Utilities	2019	\$0	\$0	\$8,000	\$8,000	\$0	City of Durham
T	Utilities	2019	\$0	\$15,000	\$0	\$15,000	\$0	
S	Utilities	2019	\$0	\$142,000	\$0	\$142,000	\$0	
S	Utilities	2020	\$0	\$4,154,000	\$0	\$4,154,000	\$0	
STP	Construction	2020	\$13,643,000	\$3,411,000	\$0	\$17,054,000	\$0	
L	Construction	2020	\$0	\$0	\$219,000	\$219,000	\$0	City of Durham
T	Construction	2020	\$0	\$438,000	\$0	\$438,000	\$0	
Totals:			\$13,643,468	\$8,277,000	\$227,000	\$22,147,468	\$0	

Fayetteville Road Widening, Woodcroft Parkway to Barbee Road

Project Information

Widen Fayetteville Road in Durham to a four-lane divided facility with bicycle and pedestrian improvements.

TIP #	U-6021
MTP #	
CTP #	
Project Length	1.4 miles
WBS #	
MUNIS Grant #	

Project Types	Additional Lanes , Bicycle and Pedestrian Program, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2021	\$0	\$5,151,000	\$0	\$5,151,000	\$0	
T	Utilities	2021	\$0	\$618,000	\$0	\$618,000	\$0	
T	Construction	2023	\$0	\$6,885,000	\$0	\$6,885,000	\$0	
T	Construction	2024	\$0	\$6,885,000	\$0	\$6,885,000	\$0	
Totals:			\$0	\$20,039,000	\$0	\$20,039,000	\$0	

US 15/501 Upgrade

Project Information

Upgrade US 15/501 in Durham to an expressway from I-40 to US 15/501 Business.

TIP #	U-6067
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Roadway Capacity, Upgrade Roadway, Enhancement, Highway Program, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2025	\$0	\$25,000,000	\$0	\$25,000,000	\$0	
T	Utilities	2025	\$0	\$2,500,000	\$0	\$2,500,000	\$0	
T	Right of Way	2026	\$0	\$25,000,000	\$0	\$25,000,000	\$0	
T	Utilities	2026	\$0	\$2,500,000	\$0	\$2,500,000	\$0	
T	Construction	2027	\$0	\$35,075,000	\$0	\$35,075,000	\$0	
T	Construction	Future Unfunded	\$0	\$105,225,000	\$0	\$105,225,000	\$0	
Totals:			\$0	\$195,300,000	\$0	\$195,300,000	\$0	

Highway Safety Projects

Project Information

Division 5 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.

TIP #	W-5205
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Safety
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$9,510,000	\$1,056,000	\$0	\$10,566,000	\$668,285	

Division 5 Safety Improvements

Project Information

Safety improvements at various location in Division 5. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5705 DIV	Project Types	Safety
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 5 Safety Improvements

Project Information

Safety improvements at various locations in Division 5. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5705 REG	Project Types	Safety
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 5 Safety Improvements

Project Information

Safety improvements at various locations in Division 5. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5705 SW	Project Types	Safety
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5
Project Length		Counties	Durham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2017	\$216,000	\$24,000	\$0	\$240,000	\$0	
HSIP	Right of Way	2018	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2018	\$216,000	\$24,000	\$0	\$240,000	\$0	
Totals:			\$756,000	\$84,000	\$0	\$840,000	\$0	

Draft FY2018-2027
Transportation Improvement Program

DIVISION 7 PROJECTS

HOW TO READ A PROJECT SHEET

US 70 (Miami Boulevard)

Project Breaks are used to represent different segments or portions of a project and are shown as a letter following the TIP #.

Project Information

HIGHWAY PROGRAM

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5720 A	Project Types	Intersection Improvements, Upgrade Roadway, Division 5: Highway - Urban
MTP #	116; 116.1		
Project Length	1.6 miles	Jurisdictions / Agencies	City of Durham, Durham County, NCDOT, Division 5
Grantor Grant #			
MUNIS Grant #			

Corresponding Metropolitan Transportation Plan ID (if applicable)

Corresponding Grant Numbers - applicable for transit-related grants

Location of the project or agency involved with implementation of the project.

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Utilities	2022	0	3,248,000	0	3,248,000
T	Right of Way	2022	0	27,067,000	0	27,067,000
T	Construction	2024	0	26,235,000	0	26,235,000
T	Construction	2025	0	26,235,000	0	26,235,000
T	Construction	Future Unfunded	0	26,235,000	0	26,235,000
O	PE/Design	Prior Year	0	0	0	2,000,000
Total Project Cost						111,020,000

See Appendix E for detailed information on funding sources used for each project phase.

Type of work or activity to be completed as phases that make up each project.

Estimated costs for each phase of the project and the total project in current year dollars.

Unfunded project costs - unfunded future commitments



Map of estimated project location (if the project was mappable at the time of the release of the draft MTIP).

Sr 1005 (Old Greensboro Rd) (Bridge)

Project Information

Replace bridge No. 85 over Phil's Creek. Project is under construction.

TIP #	B-5348
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Federal Bridge
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HFB	Right of Way	2017	\$0	\$95,000	\$0	\$95,000	\$0	
Totals:			\$0	\$1,345,000	\$0	\$1,345,000	\$100,000	

Bridge Replacement Purchase Order

Project Information

Division 7 purchase order contract. Bridge replacement projects at selected locations.

TIP #	BD-5107	Project Types	Federal Bridge, Highway Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$38,608,000	\$0	

Project Information

TJCOG - develop a flexible work schedule for employees and organizations in the Triangle Ozone Non-attainment Area for three years. The funding and schedule for Break B, the DCHC MPO portion, are shown in the table below. This project is in progress by the TJCOG.

TIP #	C-4924 B	Project Types	TDM, Congestion Mitigation, Break
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2017	\$523,000	\$0	\$858,000	\$1,381,000	\$0	
CMAQ (L)	Implementation	2018	\$523,000	\$0	\$858,000	\$1,381,000	\$0	Lead Planning Agency
Totals:			\$2,394,000	\$0	\$3,471,000	\$5,865,000	\$866,250	

SR 1750 (North Estes Drive)

Project Information

Construct five foot sidewalks and five foot bike lanes on North Estes Drive from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Drive in Chapel Hill. Construct a ten-foot multi-use path along North Estes Drive from NC 86 (Martin Luther King, Jr. Boulevard) to Elliott Road in Chapel Hill. Planning, design, right of way, and construction are in progress by the Town of Chapel Hill.

TIP #	C-5179	Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length	1.9 miles (total for 2 segments)	Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Right of Way	2017	\$240,000	\$0	\$60,000	\$300,000	\$0	Town of Chapel Hill
CMAQ (L)	Construction	2017	\$1,630,000	\$0	\$408,000	\$2,038,000	\$0	Town of Chapel Hill
Totals:			\$2,074,800	\$0	\$519,200	\$2,594,000	\$176,000	

Project Information

Construct a 100 foot bridge and 650 foot paved trail in Carrboro to fill gap between the Upper Bolin Trail and Twin Creeks Greenway and implement program to support non-vehicle trips to Morris Grove Elementary School. Planning, design, right of way, and construction by the Town of Carrboro.

TIP #	C-5181
MTP #	consistent
CTP #	consistent
Project Length	0.4 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation, Bicycle and Pedestrian Program
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Construction	2017	\$46,000	\$0	\$12,000	\$100,000	\$100,000	Town of Carrboro
CMAQ (L)	Construction	2018	\$247,000	\$0	\$61,000	\$308,000	\$0	Town of Carrboro
CMAQ (L)	Implementation	2019	\$10,000	\$0	\$2,000	\$12,000	\$0	Town of Carrboro
Totals:			\$336,600	\$0	\$83,400	\$462,000	\$100,000	

Riverwalk Trail

Project Information

Riverwalk Trail, Phase III in Hillsborough. Construct a paved off-road trail along Eno River connecting River Park, Gold Park, and the Occaneechee Mountain State Natural Area, and construct sidewalk to provide pedestrian and bicycle connections to the greenway. Planning, design, right of way, and construction are in progress by the Town of Hillsborough.

TIP #	C-5184
MTP #	consistent
CTP #	consistent
Project Length	0.3 miles
WBS #	46243.3.1
MUNIS Grant #	n/a

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation, Bicycle and Pedestrian Program
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$488,000	\$0	\$122,000	\$610,000	\$87,200	

CMAQ in DCHC MPO Area

Project Information

Projects to improve Congestion and Air Quality in the DCHC MPO area.

TIP #	C-5605	Project Types	Congestion Mitigation
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2017	\$2,240,000	\$0	\$560,000	\$2,800,000	\$0	
CMAQ (L)	Engineering	2017	\$17,000	\$0	\$4,000	\$21,000	\$0	
CMAQ (L)	Right of Way	2017	\$6,000	\$0	\$1,000	\$7,000	\$0	
CMAQ (L)	Construction	2017	\$190,000	\$0	\$48,000	\$238,000	\$0	
CMAQ (L)	Implementation	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Other	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	PE/Design	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Right of Way	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Construction	2018	\$1,427,000	\$0	\$357,000	\$1,784,000	\$0	
CMAQ (L)	Implementation	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Other	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	PE/Design	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Right of Way	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Construction	2019	\$1,453,000	\$0	\$363,000	\$1,816,000	\$0	
Totals:			\$7,948,000	\$0	\$1,813,000	\$9,761,000	\$0	

Downtown Multi Use Path

Project Information

Construct a multi use path connecting Greensboro and Lloyd Streets, including a railroad crossing.

Amendment #3 to the FY2016-2025 TIP is canceling the U-4726 sub-group STIP project number and assigning the new STIP #C-5605 A to this project.

TIP #	C-5605 A	Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Congestion Mitigation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	PE/Design	2017	\$17,064	\$0	\$11,540	\$28,604	\$0	Town of Carrboro
CMAQ (L)	Right of Way	2017	\$5,852	\$0	\$3,957	\$9,809	\$0	Town of Carrboro
CMAQ (L)	Construction	2018	\$105,494	\$0	\$71,347	\$176,841	\$0	Town of Carrboro
Totals:			\$128,410	\$0	\$86,844	\$215,254	\$0	

TJCOG TDM Program

Project Information

Triangle J Council of Governments (TJCOG) Transportation Demand Management (TDM) program.

TIP #	C-5605 J	Project Types	TDM, Congestion Mitigation
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Lead Planning Agency, Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2019	\$538,690	\$0	\$135,000	\$673,690	\$0	Lead Planning Agency
Totals:			\$538,690	\$0	\$135,000	\$673,690	\$0	

South Greensboro Street Sidewalks

Project Information

Construct 3,100 linear feet of sidewalk on one side of South Greensboro Street in Carrboro. This project replaces U-4726Dx.

TIP #	C-5650	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length	3,100 lf	Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Planning/Desi...	2018	\$84,104	\$0	\$21,026	\$105,130	\$0	Town of Carrboro
STBGDA	Right of Way	2018	\$100,000	\$0	\$25,000	\$125,000	\$0	Town of Carrboro
L	Construction	2018	\$0	\$0	\$504,750	\$504,750	\$0	Town of Carrboro
CMAQ (L)	Construction	2018	\$440,000	\$0	\$110,000	\$550,000	\$0	Town of Carrboro
STBGDA	Construction	2018	\$530,386	\$0	\$132,596	\$662,982	\$0	Town of Carrboro
Totals:			\$1,154,490	\$0	\$793,372	\$1,947,862	\$0	

Old Chapel Hill Rd / Old Durham Rd

Project Information

SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Full EB-4707 project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. Total project cost is \$11,147,000. Break A of the project is from US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. The funding and schedule for Break A are shown in the table below.

TIP #	EB-4707 A
MTP #	consistent
CTP #	consistent
Project Length	2.7 miles
WBS #	38664.1.1
MUNIS Grant #	

Project Types	Intersection Improvements, Transit, Bicycle and Pedestrian Program, Urban, Break
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP-DA	Right of Way	2017	\$674,000	\$0	\$168,500	\$842,500	\$0	Town of Chapel Hill
STP-DA	Right of Way	2017	\$553,414	\$0	\$138,353	\$691,767	\$0	Town of Chapel Hill
STBGDA	Construction	2018	\$1,540,000	\$0	\$385,000	\$1,925,000	\$0	Town of Chapel Hill
TAP-DA	Construction	2018	\$280,000	\$0	\$70,000	\$350,000	\$0	Town of Chapel Hill
L	Construction	2018	\$0	\$0	\$569,000	\$569,000	\$0	
Totals:			\$3,047,414	\$0	\$1,330,853	\$4,378,267	\$0	

Orange County Bicycle Route 1

Project Information

Construct trail along US 15/501 Fordham Blvd from Cleland Drive to Willow Drive in Chapel Hill. Upgrade existing off-road path located along US 15/US 501 Fordham Blvd and construct new section of path. Planning, design, ROW, and construction by Town of Chapel Hill.

TIP #	EB-5721
MTP #	consistent
CTP #	consistent
Project Length	0.7 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	PE/Design	2017	\$71,200	\$0	\$17,800	\$89,000	\$0	Town of Chapel Hill
TAP	Construction	2018	\$375,200	\$0	\$93,800	\$469,000	\$0	Town of Chapel Hill
Totals:			\$446,400	\$0	\$111,600	\$558,000	\$0	

Jones Ferry Road Sidewalk

Project Information

Construct a sidewalk on the north side of SR 1005 (Jones Ferry Road) from SR 1010 (West Main Street) to Davie Road in Carrboro.

TIP #	EB-5880	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2018	\$71,000	\$0	\$18,000	\$89,000	\$0	Town of Carrboro
TAP	Right of Way	2020	\$25,000	\$0	\$6,000	\$31,000	\$0	Town of Carrboro
TAP	Construction	2021	\$353,000	\$0	\$88,000	\$441,000	\$0	Town of Carrboro
Totals:			\$449,000	\$0	\$112,000	\$561,000	\$0	

Project Information

Construct a multi-use path, sidewalks, and bicycle lanes on Estes Drive from NC 86 (Martin Luther King, Jr. Parkway) in Chapel Hill to SR 1772 (North Greensboro Street) in Carrboro. Planning, design, ROW, and construction managed by the Town of Chapel Hill.

TIP #	EB-5886	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2018	\$562,000	\$0	\$141,000	\$703,000	\$0	
TAP	Right of Way	2020	\$154,000	\$0	\$38,000	\$192,000	\$0	
TAP	Construction	2021	\$2,812,000	\$0	\$703,000	\$3,515,000	\$0	
Totals:			\$3,528,000	\$0	\$882,000	\$4,410,000	\$0	

Barnes Street Sidewalk

Project Information

Construct a sidewalk on Barnes Street in Carrboro from SR 1005 (Jones Ferry Road) to King Street.

TIP #	EB-5890	Project Types	Bicycle and Pedestrian Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	PE/Design	2019	\$37,000	\$0	\$9,000	\$46,000	\$0	Town of Carrboro
TAP	Right of Way	2021	\$13,000	\$0	\$3,000	\$16,000	\$0	Town of Carrboro
TAP	Construction	2022	\$184,000	\$0	\$46,000	\$230,000	\$0	Town of Carrboro
Totals:			\$234,000	\$0	\$58,000	\$292,000	\$0	

Ecosystem Enhancement Program

Project Information

Ecosystem Enhancement Program for Division 7 Project Mitigation. This project is in progress.

TIP #	EE-4907	Project Types	Mitigation
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$18,169,000	\$0	\$18,169,000	\$0	

Morgan Creek Greenway (West)

Project Information

Western section, SR 1919 (Smith Level Road) to University Lake in Carrboro. Construct greenway and connections. This project is for Phase 1 and Phase 2 of the western section of Morgan Creek Greenway.

Phase 1 construction costs are \$372,000.

Phase 2 construction costs are \$912,000. Each phase is shown separately in the project schedule. Planning, design, right of way, and construction for this project are in progress by the Town of Carrboro.

TIP #	EL-4828
MTP #	consistent
CTP #	consistent
Project Length	1.3 miles
WBS #	40245.3.1
MUNIS Grant #	n/a

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Construction	2017	\$298,000	\$0	\$74,000	\$372,000	\$0	Town of Carrboro
TAP-DA	Construction	2018	\$730,000	\$0	\$182,000	\$912,000	\$0	Town of Carrboro
Totals:			\$1,655,200	\$0	\$412,800	\$2,068,000	\$253,288	

I-40/NC-86 Interchange Improvements

Project Information

Interchange improvements to the I-85/NC-86 interchange. Planning and design in progress as of September 2017.

TIP #	I-3306 AC	Project Types	Interstate, Highway Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2021	\$4,410,000	\$490,000	\$0	\$4,900,000	\$0	
NHP	Utilities	2021	\$540,000	\$60,000	\$0	\$600,000	\$0	
NHP	Construction	2023	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
NHP	Construction	2023	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
Totals:			\$14,850,000	\$1,650,000	\$0	\$16,500,000	\$0	

Project Information

Pavement rehabilitation along I-40 from 1.6 miles east of NC 86 to 0.8 miles east of SR 1734 Erwin Road. Coordinate with I-3306A.

TIP #	I-5822
MTP #	
CTP #	
Project Length	2.2 miles
WBS #	
MUNIS Grant #	

Project Types	Roadway/Pavement Rehab, Interstate
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2019	\$11,205,000	\$1,245,000	\$0	\$12,450,000	\$0	
Totals:			\$11,385,000	\$1,265,000	\$0	\$12,650,000	\$100,000	

I-40/I-85 Pavement Rehabilitation

Project Information

Pavement Rehabilitation from SR 1114 (Buckhorn Road) to SR 1006 (Orange Grove Road).

TIP #	I-5958	Project Types	Interstate
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2023	\$3,355,000	\$373,000	\$0	\$3,728,000	\$0	
NHPIM	Construction	2024	\$3,354,000	\$373,000	\$0	\$3,727,000	\$0	
Totals:			\$6,709,000	\$746,000	\$0	\$7,455,000	\$0	

I-85 Pavement Rehabilitation

Project Information

Pavement rehabilitation on I-85 from SR 1006 (Orange Grove Road) to the Durham County line.

TIP #	I-5959	Project Types	Interstate, Highway Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2024	\$10,040,000	\$1,116,000	\$0	\$11,156,000	\$0	
Totals:			\$10,040,000	\$1,116,000	\$0	\$11,156,000	\$0	

I-85 Interchange Improvements at South Churton

Project Information

Interchange improvements on I-85 at South Churton Street in Hillsborough.

TIP #	I-5967	Project Types	Intersection Improvements, Interstate
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$2,970,000	\$330,000	\$0	\$3,300,000	\$0	
NHP	Utilities	2022	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Construction	2024	\$7,605,000	\$845,000	\$0	\$8,450,000	\$0	
NHP	Construction	2025	\$7,605,000	\$845,000	\$0	\$8,450,000	\$0	
Totals:			\$18,630,000	\$2,070,000	\$0	\$20,700,000	\$0	

I-85 Widening

Project Information

Widen I-85 to six lanes from SR 1713 to the Durham County line.

TIP #	I-5983	Project Types	Additional Lanes , Interstate, Highway Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2025	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
NHP	Utilities	2025	\$594,000	\$66,000	\$0	\$660,000	\$0	
NHP	Construction	2027	\$10,643,000	\$1,182,000	\$0	\$11,825,000	\$0	
NHP	Construction	Future Unfunded	\$31,928,000	\$3,548,000	\$0	\$35,476,000	\$0	
Totals:			\$48,115,000	\$5,346,000	\$0	\$53,461,000	\$0	

I-85/NC-86 Interchange

Project Information

Upgrade I-85/NC-86 interchange in Hillsborough.

TIP #	I-5984	Project Types	Interstate
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2024	\$4,410,000	\$490,000	\$0	\$4,900,000	\$0	
NHP	Utilities	2024	\$529,000	\$59,000	\$0	\$588,000	\$0	
NHP	Construction	2026	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
Totals:			\$14,839,000	\$1,649,000	\$0	\$16,488,000	\$0	

Hillsborough Rail Station: Norfolk Southern H Line

Project Information

Passenger Rail Station for Norfolk Southern H Line. Milepost 41.7 in Hillsborough. Construct platform, passenger rail station building, site access, utilities, and parking. Coordinate with U-5848. "Other" funding reflects participation by GoTriangle, formerly Triangle Transit.

TIP #	P-5701	Project Types	Transit, Passenger Rail
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	NCDOT, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Construction	2021	\$0	\$3,315,000	\$0	\$3,315,000	\$0	
O	Construction	2021	\$0	\$0	\$570,000	\$570,000	\$0	GoTriangle
T	Construction	2022	\$0	\$3,315,000	\$0	\$3,315,000	\$0	
Totals: \$0				\$6,630,000	\$570,000	\$8,010,000	\$0	

Passenger Rail Service Expansion - Piedmont Service

Project Information

Purchase five bi-level passenger cars.

TIP #	P-5719	Project Types	Passenger Rail
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Acquisition	2018	\$0	\$18,000,000	\$0	\$18,000,000	\$0	
Totals:			\$0	\$18,000,000	\$0	\$18,000,000	\$0	

Transportation Alternatives Program - Division 7

Project Information

Division 7 Transportation Alternatives Program (TAP) at various locations.

TIP #	R-5787	Project Types	Rural
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
Totals:			\$1,072,000	\$268,000	\$0	\$1,340,000	\$0	

NC 54 Operational Improvements

Project Information

Construct operational improvements, including bicycle/pedestrian accommodations, from SR 1006 (Orange Grove Road) to ST1107/1937 (Old Fayetteville Road).

TIP #	R-5821 A	Project Types	Operations, Rural
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2020	\$0	\$630,000	\$0	\$630,000	\$0	
T	Right of Way	2020	\$0	\$630,000	\$0	\$630,000	\$0	
T	Utilities	2020	\$0	\$100,000	\$0	\$100,000	\$0	
T	Construction	2022	\$0	\$3,194,000	\$0	\$3,194,000	\$0	
Totals: \$0				\$4,554,000	\$0	\$4,554,000	\$0	

NC 54/Orange Grove Road Intersection Improvements

Project Information

Construct intersection improvements at NC 54 and SR 1006 (Orange Grove Road) west of Carrboro.

TIP #	R-5821 B	Project Types	Intersection Improvements, Rural
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2018	\$0	\$135,000	\$0	\$135,000	\$0	
T	Utilities	2018	\$0	\$100,000	\$0	\$100,000	\$0	
T	Construction	2018	\$0	\$585,000	\$0	\$585,000	\$0	
Totals:			\$0	\$820,000	\$0	\$820,000	\$0	

CHT Replacement Bus

Project Information

Replacement Buses. 5309/5339 Grant.

TIP #	TA-4726	Project Types	Replacement Bus, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307-Planning (FUZ)	Capital	2017	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2018	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2019	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2020	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2021	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2022	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
5307-Planning (FUZ)	Capital	2023	\$1,939,000	\$242,000	\$242,000	\$2,423,000	\$0	Town of Chapel Hill
Totals:			\$40,917,600	\$5,111,700	\$5,111,700	\$51,141,000	\$25,405,600	

CHT Replacement Buses

Project Information

Purchase replacement buses. In progress by Chapel Hill Transit. STP-DA Flex Funds Bus Replacement.

TIP #	TA-4726 A	Project Types	Replacement Bus, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Purchase	2017	\$973,331	\$0	\$199,000	\$1,172,331	\$0	Town of Chapel Hill
Totals:			\$1,693,331	\$0	\$379,000	\$2,072,331	\$0	

CHT Replacement Paratransit Vehicle

Project Information

Replacement Paratransit Vehicle. 5307 GRANT.

TIP #	TA-4748	Project Types	Replacement Van, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2018	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2019	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2020	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2021	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2022	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2023	\$157,600	\$0	\$39,400	\$197,000	\$0	Town of Chapel Hill
Totals:			\$1,260,800	\$0	\$315,200	\$4,421,000	\$0	

GoTriangle Replacement Bus

Project Information

Replacement bus. 5307 Grant.

TIP #	TA-4818 B
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Bus, Transit, Public Transportation, Break
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$770,000	\$96,000	\$96,000	\$962,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$770,000	\$96,000	\$96,000	\$962,000	\$0	GoTriangle
Totals:			\$1,540,000	\$192,000	\$192,000	\$6,491,000	\$0	

CHT Replacement Van

Project Information

Replacement Van. 5307 Grant.

TIP #	TA-4979
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Van, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2019	\$633,600	\$0	\$158,400	\$792,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2023	\$633,600	\$0	\$158,400	\$792,000	\$0	Town of Chapel Hill
Totals:			\$1,900,800	\$0	\$475,200	\$4,061,000	\$0	

GoTriangle Expansion Bus

Project Information

Expansion bus. 5307 Grant.

TIP #	TA-5123 B
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Expansion Bus, Transit, Public Transportation, Break
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$1,351,000	\$135,000	\$135,000	\$1,621,000	\$0	GoTriangle
Totals:			\$5,404,000	\$540,000	\$540,000	\$19,546,000	\$0	

GoTriangle Bus Rehabilitation

Project Information

Bus rehabilitation. 5309 Grant.

TIP #	TA-5135
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Renovate Bus, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$222,000	\$0	\$55,000	\$277,000	\$222,000	

CHT Support & Paratransit Vehicles

Project Information

Purchase Support & Paratransit Vehicles. 5309 Grant.

TIP #	TA-5143	Project Types	Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #	UBF15	Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$160,000	\$20,000	\$20,000	\$200,000	\$160,000	

Project Information

Vanpool vans - replacement (8). 5309 Grant.

TIP #	TA-5148	Project Types	Replacement Van, Transit, Vanpool, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	UBF15; and other grants	Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$178,000	\$0	\$46,000	\$224,000	\$85,532	

GoTriangle Replacement Paratransit Vehicles

Project Information

Replacement paratransit vehicles. STP-DA Grant.

TIP #	TA-5154
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Van, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$215,200	\$0	\$53,800	\$269,000	\$107,600	

CHT Bus Replacement

Project Information

For the purchase of replacement buses.

On October 19, 2015, Chapel Hill Transit was awarded \$1,120,000 of federal CMAQ funding in 2017. Previous TIP # C-5605C

TIP #	TA-5200	Project Types	Replacement Bus, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Capital	2018	\$1,120,000	\$0	\$280,000	\$1,400,000	\$0	Town of Chapel Hill
Totals:			\$1,120,000	\$0	\$280,000	\$1,400,000	\$0	

Project Information

Capital for Orange Public Transit in the DCHC MPO urban area.

TIP #	TA-5226	Project Types	Transit
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	Orange Public Transit

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5309 (FBUS)	Other	2018	\$16,000	\$0	\$4,000	\$20,000	\$0	Orange Public Transit
Totals:			\$16,000	\$0	\$4,000	\$20,000	\$0	

Capital

Project Information

Capital - Orange County Department of Aging. 5310 Grant.

TIP #	TA-6526
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UED14

Project Types	Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	Orange County Dept of Aging

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$3,000	\$1,000	\$1,000	\$5,000	\$3,000	

CRX Expansion Vehicles

Project Information

Purchase expansion buses for CRX route.

TIP #	TA-6669	Project Types	Expansion Bus, Transit
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Acquisition	2018	\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	
Totals:			\$1,945,000	\$243,000	\$243,000	\$2,431,000	\$0	

Chapel Hill Transit Bus Replacement

Project Information

Replace four NOVA buses with three diesel buses.

TIP #	TA-6681
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Replacement Bus, Transit, Non-Highway Program, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2018	\$1,093,015	\$0	\$273,254	\$1,366,269	\$0	Chapel Hill Transit (CHT)

Totals: \$1,093,015 \$0 \$273,254 \$1,366,269 \$0

CHT Facility - Park & Ride

Project Information

Facility - Park & Ride. 5307 Grant.

TIP #	TD-4710 B
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Facility - Park & Ride, Transit, Public Transportation, Break
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$702,400	\$0	\$175,600	\$878,000	\$0	

Project Information

1 replacement LTV (25') and radio, vehicle lettering and logos, and on-board camera. STP-DA Grant.

TIP #	TD-5155	Project Types	Replacement Bus, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Orange Public Transit

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$62,000	\$0	\$15,000	\$77,000	\$0	

Project Information

Hillsborough Park and Ride - professional services and property acquisition. Previous TIP #TD-5272.

TIP #	TD-5260	Project Types	Facility - Park & Ride, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Planning/Desi...	2017	\$111,660	\$0	\$125,000	\$236,660	\$0	GoTriangle
Totals:			\$111,660	\$0	\$125,000	\$236,660	\$0	

GoTriangle Maintenance Facility Renovation

Project Information

Maintenance facility renovation. 5309 Grant.

TIP #	TD-5267	Project Types	Facility - Operations & Maintenance, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$75,000	\$0	\$19,000	\$94,000	\$75,000	

CHT Renovate Bus Related Facilities

Project Information

Renovate Bus Related Facilities. 5309 GRANT.

TIP #	TD-5271	Project Types	Transit, Facility - Other, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #	UBF15	Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$40,000	\$0	\$10,000	\$50,000	\$40,000	

UNC Hospitals Transfer Station

Project Information

Construct a neighborhood transit center and transfer station in the UNC Hospitals area in Chapel Hill.

TIP #	TD-5284	Project Types	Transit, Facility - Other
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Construction	2019	\$288,000	\$36,000	\$36,000	\$360,000	\$0	
Totals:			\$288,000	\$36,000	\$36,000	\$360,000	\$0	

Hillsborough Park and Ride

Project Information

Construct a park and ride facility in the Town of Hillsborough.

TIP #	TD-5295	Project Types	Facility - Park & Ride, Transit
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Fed	Construction	2020	\$960,000	\$0	\$0	\$960,000	\$0	
T	Construction	2020	\$0	\$120,000	\$0	\$120,000	\$0	
L	Construction	2020	\$0	\$0	\$120,000	\$120,000	\$0	
Totals:			\$960,000	\$120,000	\$120,000	\$1,200,000	\$0	

Durham-Orange Light Rail

Project Information

Construct light rail system from UNC Hospital in Chapel Hill to North Carolina Central University in Durham. Project has entered engineering phase and received authorization for federal funds for engineering.

TIP #	TE-5205
MTP #	
CTP #	
Project Length	17.1 miles
WBS #	
MUNIS Grant #	

Project Types	Transit, Facility - Other, Passenger Rail, Non-Highway Program, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	Town of Chapel Hill, City of Durham
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$37,598	\$0	

CHT Preventive Maintenance

Project Information

Preventive Maintenance. 5307 Grant.

TIP #	TG-4731 B	Project Types	Preventive Maintenance, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Operations	2017	\$2,545,000	\$0	\$636,000	\$3,181,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2018	\$2,745,000	\$0	\$686,000	\$3,431,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2019	\$2,945,000	\$0	\$736,000	\$3,681,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2020	\$1,074,000	\$0	\$269,000	\$1,343,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2021	\$1,074,000	\$0	\$269,000	\$1,343,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2022	\$1,074,000	\$0	\$269,000	\$1,343,000	\$0	Town of Chapel Hill
5307 (FUZ)	Operations	2023	\$1,074,000	\$0	\$269,000	\$1,343,000	\$0	Town of Chapel Hill
Totals:			\$22,844,800	\$0	\$5,712,200	\$28,557,000	\$1,293,740	

Routine Capital

Project Information

Routine Capital - Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc. 5307 Grant.

TIP #	TG-4732 A
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Routine Capital, Transit, Public Transportation, Break
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2018	\$432,000	\$0	\$108,000	\$540,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2020	\$432,000	\$0	\$108,000	\$540,000	\$0	Town of Chapel Hill
5307 (FUZ)	Capital	2022	\$432,000	\$0	\$108,000	\$540,000	\$0	Town of Chapel Hill
Totals:			\$2,704,000	\$0	\$676,000	\$3,920,000	\$0	

Routine Capital - Service Vehicle

Project Information

Routine Capital - Service Vehicle. 5307 Grant.

TIP #	TG-4732 B
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Routine Capital, Transit, Public Transportation, Break
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2023	\$157,000	\$0	\$39,000	\$196,000	\$0	Town of Chapel Hill

Totals: \$314,000 \$0 \$78,000 \$888,000 \$0

Project Information

Routine Capital -Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc includes ADA, PM, and service vehicles

TIP #	TG-4821 B	Project Types	Transit, Facility - Other, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$1,527,000	\$0	\$382,000	\$1,909,000	\$0	GoTriangle
5307 (FUZ)	Capital	2018	\$1,573,000	\$0	\$393,000	\$1,966,000	\$0	GoTriangle
5307 (FUZ)	Capital	2019	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
5307 (FUZ)	Capital	2023	\$1,575,000	\$0	\$394,000	\$1,969,000	\$0	GoTriangle
Totals:			\$19,594,800	\$0	\$4,895,200	\$24,490,000	\$1,170,601	

CHT Routine Capital

Project Information

Routine Capital - Purchase bus stop shelters, benches, shop equipment, spare parts, engines, farebox, support vehicles, replace/repair lifts. 5309 Grant.

TIP #	TG-5227
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UBF15

Project Types	Routine Capital, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$263,000	\$0	\$66,000	\$329,000	\$263,000	

CHT Routine Capital - Resurfacing

Project Information

Routine Capital - Resurface Park & Ride Lots. 5307 Grant.

TIP #	TG-5247
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Facility - Park & Ride, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$57,000	\$7,000	\$7,000	\$71,000	\$57,000	

CHT Routine Capital - Resurfacing

Project Information

Routine Capital - Resurface Park & Ride Lots. 5309 Grant.

TIP #	TG-5248
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Facility - Park & Ride, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$80,000	\$0	\$20,000	\$100,000	\$80,000	

CHT Routine Capital - Resurfacing

Project Information

Routine Capital - Resurface Park & Ride Lots. 5307 Grant.

TIP #	TG-5249
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Facility - Park & Ride, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$56,000	\$0	\$14,000	\$70,000	\$0	

Project Information

Routine Capital. 5309 Grant.

TIP #	TG-5251
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UBF15

Project Types	Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$222,000	\$0	\$55,000	\$277,000	\$197,760	

Project Information

Operating Assistance. JARC 5316 GRANT

TIP #	TM-5132
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LJA14; LJA11

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$331,200	\$0	\$82,800	\$414,000	\$331,200	

Operating- Night Service

Project Information

Operating Assistance-Night Service. JARC 5316 GRANT

TIP #	TM-5305
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LJA13

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$68,000	\$0	\$68,000	\$136,000	\$68,000	

Operating Assistance - Continuation

Project Information

Operating Assistance - Continuation of Service Hour Extension. JARC 5316.

TIP #	TM-5306	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #	LJA13; LJA14	Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$72,000	\$0	\$72,000	\$144,000	\$72,000	

GoTriangle Sunday Routes

Project Information

Sunday Routes (400,700, & 800). JARC 5316 Grant

TIP #	TM-5311
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	LJA14

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region C, Region D
Divisions	Division 5, Division 7
Counties	Durham County, Orange County
Municipalities	
Agencies	Other, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$235,000	\$0	\$235,000	\$470,000	\$235,000	

Operating Assistance -New Freedom

Project Information

Operating Assistance -New Freedom 5317 grant - Urban

TIP #	TN-5102	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	Region C
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	City of Durham
MUNIS Grant #	LNF13	Agencies	GoDurham

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5317 (FNF)	Operations	2017	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2018	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2019	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2020	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2021	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2022	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
5317 (FNF)	Operations	2023	\$63,000	\$0	\$63,000	\$126,000	\$0	City of Durham
Totals:			\$504,000	\$0	\$504,000	\$1,764,000	\$756,000	

Planning & Program Administration

Project Information

City of Durham Planning & Program Administration of New Freedom projects (5317)

TIP #	TN-5134	Project Types	Administrative, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough
MUNIS Grant #	LNF13	Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$14,000	\$14,000	

CHT Operating Assistance

Project Information

Operating Assistance. SMAP Grant.

TIP #	TO-5133
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
SMAP	Operations	2017	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2018	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2019	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2020	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2021	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2022	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
SMAP	Operations	2023	\$0	\$3,570,000	\$0	\$3,570,000	\$0	
Totals:			\$0	\$50,081,000	\$0	\$50,081,000	\$21,521,000	

Project Information

Operating assistance for Orange Public Transit for service in the DCHC MPO urban area.

TIP #	TO-5220	Project Types	Transit
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Orange Public Transit

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Operations	2018	\$65,000	\$0	\$65,000	\$130,000	\$0	Orange Public Transit
Totals:			\$65,000	\$0	\$65,000	\$130,000	\$0	

Project Information

Planning Assistance 5307

TIP #	TP-4732 A	Project Types	Planning Assistance, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307-Planning (FUZ)	Planning	2017	\$573,000	\$72,000	\$72,000	\$717,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2018	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2019	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2020	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2021	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2022	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
5307-Planning (FUZ)	Planning	2023	\$590,000	\$74,000	\$74,000	\$738,000	\$0	GoTriangle
Totals:			\$6,739,400	\$844,800	\$844,800	\$8,429,000	\$976,000	

Project Information

Senior transportation expansion, assessment and mobility manager (STEAMM) including purchase of service. 5310 Grant.

TIP #	TQ-3002	Project Types	Mobility Management (transit), Transit, Public Transportation
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #	UED14	Agencies	Orange County Dept of Aging

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Capital	2017	\$110,000	\$0	\$27,500	\$137,500	\$0	Orange County
Totals:			\$240,000	\$0	\$60,000	\$300,000	\$0	

CHT EZ Rider Senior Shuttle

Project Information

EZ Rider Senior Shuttle. 5310 Grant.

TIP #	TQ-5104
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UED14

Project Types	Operating Assistance, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Operations	2017	\$120,000	\$0	\$120,000	\$240,000	\$0	Town of Chapel Hill

Totals: \$228,000 \$0 \$228,000 \$456,000 \$0

Easy Rider Senior Shuttle

Project Information

TIP #	TQ-6104
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Transit
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Other	2018	\$120,000	\$0	\$120,000	\$240,000	\$0	Chapel Hill Transit (CHT)
Totals:			\$120,000	\$0	\$120,000	\$240,000	\$0	

Project Information

Mobility Management. 5310 Grant.

TIP #	TQ-6165
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	UED14

Project Types	Mobility Management (transit), Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	Orange County Dept of Aging

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$120,000	\$15,000	\$15,000	\$150,000	\$120,000	

Project Information

Administration of Section 5310 program. 5310 Grant.

TIP #	TQ-7002 HF	Project Types	Administrative, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #	UED14	Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Admin	2018	\$48,000	\$0	\$0	\$48,000	\$0	
Totals:			\$76,390	\$0	\$0	\$76,390	\$0	

CHT Safety & Security - 1% Set Aside

Project Information

Safety & Security - 1% Set Aside. 5307 Grant.

TIP #	TS-5106
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Routine Capital, Safety & Security, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$235,200	\$0	\$58,800	\$294,000	\$235,200	

Project Information

Safety & Security - 1% Set Aside . 5307 Grant.

TIP #	TS-5119	Project Types	Safety & Security, Transit, Public Transportation
MTP #	consistent	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length		Counties	Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5307 (FUZ)	Capital	2017	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2018	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2019	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2020	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2021	\$19,000	\$0	\$0	\$19,000	\$0	GoTriangle
5307 (FUZ)	Capital	2022	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
5307 (FUZ)	Construction	2023	\$17,000	\$0	\$2,000	\$19,000	\$0	GoTriangle
Totals:			\$340,200	\$0	\$63,800	\$404,000	\$199,200	

Purchase Mobile Data Terminals

Project Information

Purchase Mobile Data Terminals. 5339 grant.

TIP #	TT-6107
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Technology, Transit, Public Transportation
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill
Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$64,000	\$0	\$16,000	\$80,000	\$0	

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Information

Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects construct bike and pedestrian features. Planning, design, right of way, and construction by jurisdictions or agencies in the DCHC MPO area. STP-DA and TAP-DA funding reflects unprogrammed balances, programming subject to MPO approval.

TIP #	U-4726
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region C, Region D, Region E
Divisions	Division 5, Division 7, Division 8
Counties	Chatham County, Durham County, Orange County
Municipalities	
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$48,080	\$0	\$12,020	\$60,100	\$0	City of Durham
STP-DA	Construction	2017	\$747,136	\$0	\$186,784	\$933,920	\$0	
TAP-DA	Construction	2017	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2018	\$350,000	\$0	\$0	\$350,000	\$0	
STP-DA	Construction	2018	\$2,066,903	\$0	\$516,725	\$2,583,628	\$0	City of Durham
STP-DA	Construction	2018	\$3,204,976	\$0	\$1,075,411	\$4,280,387	\$0	City of Durham
STBGDA	Construction	2018	\$1,698,219	\$0	\$424,555	\$2,122,774	\$0	
TAP-DA	Construction	2019	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2020	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2021	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2022	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2023	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2024	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2025	\$350,000	\$0	\$0	\$350,000	\$0	
Totals:			\$17,519,202	\$0	\$3,847,717	\$21,366,919	\$0	

US 70 Pedestrian Improvements

Project Information

Pedestrian improvements on US 70 from Lakeshore to Orange High School. On North Churton Street from Corbin to US 70. On South Churton Street from Nash/Kollock Street to Orange Grove.

Amendment #3 to the FY2016-2025 TIP canceled this project because this project is being completed under a different project.

TIP #	U-4726
MTP #	consistent
CTP #	consistent
Project Length	7.5 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$0	\$0	

Bolin Creek Greenway (Phase Ib)

Project Information

Construct a greenway trail from Homestead Road to Chapel Hill High School. This is an extension of the existing Bolin Creek Greenway trail.

TIP #	U-4726 DE
MTP #	consistent
CTP #	consistent
Project Length	0.26 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Construction	2017	\$212,000	\$0	\$53,000	\$265,000	\$0	Town of Carrboro
Totals:			\$1,039,572	\$0	\$259,893	\$1,299,465	\$104,388	

Friday Center Drive

Project Information

Bicycle lanes on Friday Center Drive from NC 54 to UNC Park & Ride lot.

TIP #	U-4726 1x
MTP #	consistent
CTP #	consistent
Project Length	0.3 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$452,000	\$0	\$113,000	\$565,000	\$452,000	

Rogers Road Sidewalks

Project Information

Sidewalks along Rogers Road from Homestead to Meadow Run in the Town of Carrboro.

TIP #	U-4726 DD
MTP #	consistent
CTP #	consistent
Project Length	1.0 mile
WBS #	36268.1.25
MUNIS Grant #	n/a

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Construction	2017	\$460,778	\$0	\$92,156	\$552,934	\$0	Town of Carrboro
L	Construction	2017	\$0	\$0	\$599,447	\$599,447	\$0	Town of Carrboro
Totals:			\$542,600	\$0	\$829,058	\$1,371,658	\$81,822	

Bicycle Detector Loops

Project Information

Bicycle detector loops at selected intersections in Carrboro.

TIP #	U-4726 DF
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$44,820	\$0	\$11,205	\$56,025	\$30,000	

Tanyard Branch Greenway

Project Information

Preliminary engineering and design for the future extension of the existing Tanyard Branch greenway trail. The future extension (shown in red in the map below) will be constructed from the existing trail (shown in blue in the map below) to Umstead Park in Chapel Hill.

TIP #	U-4726 IJ
MTP #	consistent
CTP #	consistent
Project Length	0.46 miles
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$100,000	\$0	\$25,000	\$125,000	\$100,000	

Homestead Road Sidewalks

Project Information

Construct sidewalks along Homestead Road in Chapel Hill.

TIP #	U-4726 IK
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle and Pedestrian Program, Grouping (U-4726)
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2018	\$428,750	\$0	\$107,188	\$535,938	\$0	Town of Chapel Hill

Totals: \$428,750 \$0 \$107,188 \$535,938 \$0

DCHC MPO Planning Allocation and Work Program

Project Information

DCHC MPO Planning Allocation and Work Program. This project includes \$233,000 Federal TIGER grant. This project is in progress.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT), GoDurham, Durham Center for Senior Life, Durham County ACCESS, Lead Planning Agency, Orange Public Transit, Triangle J Council of Government, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000	\$0	City of Durham
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732	\$0	Lead Planning Agency
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500	\$0	Town of Chapel Hill
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000	\$0	GoTriangle
PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000	\$0	Lead Planning Agency
Totals:			\$21,409,871	\$69,720	\$1,849,246	\$23,328,837	\$0	

Project Information

Town of Carrboro UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$27,205	\$0	\$6,802	\$34,007	\$0	

Project Information

Town of Chapel Hill UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$422,112	\$37,261	\$68,267	\$527,640	\$0	

Project Information

DCHC MPO Lead Planning Agency UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
Regions	Region C, Region D, Region E
Divisions	Division 5, Division 7, Division 8
Counties	Chatham County, Durham County, Orange County
Municipalities	
Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$1,515,169	\$0	\$378,793	\$1,893,962	\$0	

Project Information

Town of Hillsborough UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$80,000	\$0	\$20,000	\$100,000	\$0	

Project Information

Orange County UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$24,025	\$0	\$6,006	\$30,031	\$0	

Project Information

Triangle J Council of Governments UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$55,000	\$0	\$13,750	\$68,750	\$0	

Project Information

GoTriangle UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$684,000	\$85,500	\$315,500	\$1,085,000	\$0	

DCHC MPO STP-DA Reserve Funds

Project Information

DCHC MPO STP-DA Funds - Reserved for future programming. Includes \$137,000 to be allocated to TG-5235.

TIP #	U-5023	Project Types	Urban
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2020	\$763,000	\$0	\$191,000	\$954,000	\$0	
STBGDA	Construction	2021	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2022	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2023	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2024	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2025	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2026	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2027	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
Totals:			\$27,167,000	\$0	\$6,792,000	\$33,959,000	\$0	

Phase 2 Alternatives Analysis

Project Information

Chapel Hill Transit Bus Rapid Transit, Phase II Alternatives Analysis, including environmental assessment, design, and engineering.

More specific phase-related details:

In 2016 – submission of a Small Starts Project Development Application to the FTA at the cost of \$20,000.

In 2016 – starting and completing an Environmental Assessment under Federal NEPA rules with the outcome of a signed Findings of No Significant Impact (FONSI) by the FTA at the cost of \$550,000 to \$700,000 depending on the level of transportation analysis and Cultural Resource Analysis.

In 2016 and until the project is constructed (assume 2020) – annual required planning and FTA submittals including the update of Small Starts documentation and required documents including (but not limited to) Project Management Plan, Public Involvement Plan, BRT Comprehensive Operations Analysis, BRT Fleet Management Plan, Basis of Design, and Work Breakdown Structure at the cost of \$100,000 to \$200,000 annually.

In 2017 and 2018 – initiation and completion of engineering (preliminary and final) at the cost of \$1.5 million to \$2.5 million depending on the LPA cross-section.

TIP #	U-5119 A	Project Types	Alternatives Analysis, Transit, Public Transportation, Break
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT)

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Fed	PE/Design	2017	\$1,160,000	\$0	\$290,000	\$1,450,000	\$0	Town of Chapel Hill
Fed	PE/Design	2018	\$1,160,000	\$0	\$290,000	\$1,450,000	\$0	Town of Chapel Hill
Fed	PE/Design	2019	\$160,000	\$0	\$40,000	\$200,000	\$0	Town of Chapel Hill
Fed	PE/Design	2020	\$160,000	\$0	\$40,000	\$200,000	\$0	Town of Chapel Hill
Totals:			\$3,376,000	\$0	\$844,000	\$4,220,000	\$0	

US 15/501 (Fordham Boulevard)

Project Information

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$131,266,000.

Break A is for improvements for the NC 86 (S Columbia St) interchange in Chapel Hill. Project costs for only Break A are shown in the table below. Planning and design are in progress.

TIP #	U-5304 A
MTP #	211; 73; 240; 204
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Intersection Improvements, Roadway Capacity, Upgrade Roadway, Urban, Break
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$10,000,000	\$0	\$10,000,000	\$0	
T	Utilities	2024	\$0	\$3,000,000	\$0	\$3,000,000	\$0	
T	Construction	2026	\$0	\$22,000,000	\$0	\$22,000,000	\$0	
Totals:			\$0	\$35,000,000	\$0	\$35,000,000	\$0	

Project Information

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$131,266,000.

Break B for the project is from th NC 86 interchange to the NC 54 interchange in Chapel Hill. Provide capacity improvements with sidewalks, wide outside lanes, and transit accommodations. Project costs for only Break B are shown in the table below.

TIP #	U-5304 B	Project Types	Upgrade Roadway, Urban, Break
MTP #	211; 73; 240; 204	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$6,066,000	\$0	\$6,066,000	\$0	
T	Utilities	2024	\$0	\$728,000	\$0	\$728,000	\$0	
T	Construction	2026	\$0	\$21,920,000	\$0	\$21,920,000	\$0	
Totals: \$0				\$28,714,000	\$0	\$28,714,000	\$0	

Project Information

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$131,266,000.

Break D for the project is from the NC 54 (Raleigh Rd) interchange to SR 1742 (Ephesus Church Rd). Project costs for only Break D are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5304 D	Project Types	Intersection Improvements, Urban, Break
MTP #	211; 73; 240; 204	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$4,384,000	\$0	\$4,384,000	\$0	
T	Utilities	2024	\$0	\$526,000	\$0	\$526,000	\$0	
T	Construction	2026	\$0	\$27,589,000	\$0	\$27,589,000	\$0	
Totals:			\$0	\$32,499,000	\$0	\$32,499,000	\$0	

Project Information

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$131,266,000.

Break E for the project is to construct an interchange at Manning Drive. Planning and design for this project are in progress.

TIP #	U-5304 E	Project Types	Intersection Improvements, Urban, Break
MTP #	211; 73; 240; 204	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$3,700,000	\$0	\$3,700,000	\$0	
T	Utilities	2024	\$0	\$600,000	\$0	\$600,000	\$0	
T	Construction	2026	\$0	\$11,400,000	\$0	\$11,400,000	\$0	
Totals:			\$0	\$15,700,000	\$0	\$15,700,000	\$0	

US 15/501 (Fordham Boulevard)

Project Information

Upgrade of US 15/501 in Orange County. This project is for corridor capacity improvements from SR 1742 (Ephesus Church Road) to I-40.

TIP #	U-5304 F	Project Types	Highway Program
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$0	\$0	

US 15/501 (Fordham Boulevard)

Project Information

Upgrade of US 15/501 in Orange County. This project is for corridor capacity improvements from SR 1742 (Ephesus Church Road) to I-40.

TIP #	U-5304 F
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Highway Program
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$1,574,000	\$0	\$1,574,000	\$0	
T	Utilities	2024	\$0	\$500,000	\$0	\$500,000	\$0	
T	Construction	2026	\$0	\$17,279,000	\$0	\$17,279,000	\$0	
Totals:			\$0	\$19,353,000	\$0	\$19,353,000	\$0	

Variable Message Signs in Chapel Hill

Project Information

Variable message signs for traffic management on major corridors in Chapel Hill. Planning, design, right of way, and construction are in progress by the Town of Chapel Hill.

TIP #	U-5543
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Signal/ITS, Urban
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Chapel Hill
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	PE/Design	2017	\$32,800	\$0	\$8,200	\$41,000	\$0	Town of Chapel Hill
STBGDA	Construction	2018	\$786,200	\$0	\$196,550	\$982,750	\$0	Town of Chapel Hill
Totals:			\$894,200	\$0	\$223,550	\$1,117,750	\$75,200	

Churton Street (Downtown Access Imp)

Project Information

Downtown Access Improvements along Churton Street in Hillsborough. Construct curb relocations traffic signal and curb ramp ADA-revisions on east side of NC 86 (Churton Street) at SR 1150/SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Lane; grading, curb and gutter, crosswalks and signal modifications on the west side of NC 86/US 70 Business (Churton Street) from Tryon Street to just south of Margaret Lane; grading, curb and gutter crosswalk and bus pull-out on NC 86/US 70 Street to just south of Nash and Kollock Street in Hillsborough. Remove on-street parking. Planning, design, right of way, and construction by the Town of Hillsborough.

TIP #	U-5549
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	50153.3.F1; 43987.3.1
MUNIS Grant #	n/a

Project Types	Intersection Improvements, Upgrade Roadway, Urban
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2018	\$231,740	\$0	\$57,935	\$289,675	\$0	Town of Hillsborough
Totals:			\$356,740	\$0	\$88,935	\$445,675	\$125,000	

US 15/501 (Fordham Boulevard)

Project Information

Intersection Improvements at US 15/501 and SR 1742 Ephesus Church Road in Chapel Hill. Planning, design, ROW, and construction by the Town of Chapel Hill. FY 2018 programming reflects the reimbursement to the Town.

TIP #	U-5550	Project Types	Intersection Improvements, Urban
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Construction	2018	\$0	\$2,170,000	\$0	\$2,170,000	\$0	
Totals:			\$0	\$2,170,000	\$0	\$2,170,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. Total project cost for the entire project is \$228,859,000.

Break A for this project is NC 54 and US 15/501, upgrade interchange. Project costs for Break A are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 A
MTP #	204
CTP #	consistent
Project Length	9.2 miles
WBS #	
MUNIS Grant #	

Project Types	Intersection Improvements, Upgrade Roadway, Urban, Break
Regions	Region D
Divisions	Division 7
Counties	Durham County, Orange County
Municipalities	Town of Chapel Hill
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	Future Unfunded	\$2,520,000	\$280,000	\$0	\$2,800,000	\$0	
NHP	Utilities	Future Unfunded	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
NHP	Construction	Future Unfunded	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
Totals:			\$13,320,000	\$1,480,000	\$0	\$14,800,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. Total project cost for the entire project is \$228,859,000.

Break B for this project is improvements to NC 54 from US 15/501 in Orange County to SR 1110 (Barbee Chapel Rd) in Durham County, upgrade the roadway corridor and convert at-grade intersection with SR 1110 (Barbee Chapel Rd) to interchange.

Consultation with Town of Chapel Hill regarding NC 54 and Barbee Chapel Road intersection improvements will occur during planning and design. Project costs for Break B are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 B	Project Types	Intersection Improvements, Upgrade Roadway, Urban, Break
MTP #	208	Regions	Region C, Region D
CTP #		Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHP	Utilities	2022	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Right of Way	2023	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHP	Utilities	2023	\$450,000	\$50,000	\$0	\$500,000	\$0	
NHP	Construction	2024	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
NHP	Construction	2025	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
NHP	Construction	2026	\$9,270,000	\$1,030,000	\$0	\$10,300,000	\$0	
Totals:			\$37,710,000	\$4,190,000	\$0	\$41,900,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break F of the project is the I-40/NC 54 interchange improvements. Previous breaks D and E were incorporated into break F in P4.0.

Cost estimates for improvements to interchange may change during planning and design. Project costs for Break F are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205 (Previous TIP # U-5324.) and R-5821.

TIP #	U-5774 F	Project Types	Intersection Improvements, Urban, Break
MTP #	203	Regions	Region C
CTP #	consistent	Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	Future Unfunded	\$48,600,000	\$5,400,000	\$0	\$54,000,000	\$0	
NHP	Utilities	Future Unfunded	\$720,000	\$80,000	\$0	\$800,000	\$0	
NHP	Construction	Future Unfunded	\$35,370,000	\$3,930,000	\$0	\$39,300,000	\$0	
Totals:			\$84,690,000	\$9,410,000	\$0	\$94,100,000	\$0	

Project Information

The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000.

Break G of the project is NC 54 from I-40 to NC 751, upgrade the roadway corridor. Project costs for Break G are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)

TIP #	U-5774 G	Project Types	Upgrade Roadway, Urban, Break
MTP #	69.1	Regions	Region C, Region D
CTP #	consistent	Divisions	Division 5, Division 7
Project Length	9.2 miles	Counties	Durham County, Orange County
WBS #		Municipalities	Town of Chapel Hill, City of Durham
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	Future Unfunded	\$0	\$1,800,000	\$0	\$1,800,000	\$0	
T	Utilities	Future Unfunded	\$0	\$800,000	\$0	\$800,000	\$0	
T	Construction	Future Unfunded	\$0	\$29,400,000	\$0	\$29,400,000	\$0	
Totals:			\$0	\$32,750,000	\$0	\$32,750,000	\$750,000	

Project Information

Improvements along S. Churton Street (SR 1009)/Old NC 86, from I-40 to Eno River in Hillsborough, Orange County. Widen to multi-lanes. Planning and design for this project are in progress. Coordinate this project with U-5848.

TIP #	U-5845	Project Types	Upgrade Roadway, Urban
MTP #	86; 87	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length	2.6 miles	Counties	Orange County
WBS #		Municipalities	Town of Hillsborough
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2022	\$0	\$4,626,000	\$0	\$4,626,000	\$0	
T	Utilities	2022	\$0	\$555,000	\$0	\$555,000	\$0	
T	Right of Way	2023	\$0	\$4,625,000	\$0	\$4,625,000	\$0	
T	Utilities	2023	\$0	\$555,000	\$0	\$555,000	\$0	
T	Construction	2024	\$0	\$13,130,000	\$0	\$13,130,000	\$0	
T	Construction	2025	\$0	\$13,130,000	\$0	\$13,130,000	\$0	
T	Construction	2026	\$0	\$13,130,000	\$0	\$13,130,000	\$0	
Totals: \$0				\$52,251,000	\$0	\$52,251,000	\$2,500,000	

Project Information

SR 1780 (Estes Drive) in Carrboro, construct a roundabout. Planning and design for this project are in progress.

TIP #	U-5846	Project Types	Intersection Improvements, Urban
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2017	\$0	\$185,000	\$0	\$185,000	\$0	
T	Construction	2018	\$0	\$625,000	\$0	\$625,000	\$0	
Totals:			\$0	\$1,060,000	\$0	\$1,060,000	\$250,000	

Project Information

SR 1771/ SR 1927 (Merritt Mill Rd) / Brewer Lane intersection in Chapel Hill and Carrboro. Intersection improvements. Planning and design for this project are in progress.

TIP #	U-5847	Project Types	Intersection Improvements, Urban
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2018	\$0	\$150,000	\$0	\$150,000	\$0	
T	Construction	2019	\$0	\$625,000	\$0	\$625,000	\$0	
Totals:			\$0	\$1,025,000	\$0	\$1,025,000	\$250,000	

SR 1006 (Orange Grove Road)

Project Information

Existing SR 1006 (Orange Grove Road) to US 70 Business in Hillsborough. Extend Orange Grove Road on new location with sidewalks and bicycle lanes. Planning and design for this project are in progress. Coordinate this project with P-5701 and U-5845.

TIP #	U-5848
MTP #	89.3
CTP #	consistent
Project Length	0.4 miles
WBS #	
MUNIS Grant #	

Project Types	New Road, Urban
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Hillsborough
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2021	\$0	\$1,067,000	\$0	\$1,067,000	\$0	
T	Utilities	2021	\$0	\$155,000	\$0	\$155,000	\$0	
T	Construction	2023	\$0	\$4,104,000	\$0	\$4,104,000	\$0	
Totals:			\$0	\$5,826,000	\$0	\$5,826,000	\$500,000	

SR 1008 (Mt. Carmel Church Rd)

Project Information

SR 1913 (Bennett Rd) in Chapel Hill. Construct roundabout and related safety improvements. Planning and design for this project are in progress.

TIP #	U-5854	Project Types	Intersection Improvements, Urban
MTP #	242	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Chapel Hill
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2017	\$0	\$150,000	\$0	\$150,000	\$0	
T	Construction	2018	\$0	\$625,000	\$0	\$625,000	\$0	
Totals:			\$0	\$1,025,000	\$0	\$1,025,000	\$250,000	

NC 54/Old Fayetteville Road Intersection Improvements

Project Information

Intersection improvements at NC 54 and SR 1007 (Old Fayetteville Road) in Carrboro.

TIP #	U-6071	Project Types	Intersection Improvements, Urban
MTP #		Regions	Region D
CTP #		Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	Town of Carrboro
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2024	\$0	\$180,000	\$0	\$180,000	\$0	
T	Utilities	2024	\$0	\$100,000	\$0	\$100,000	\$0	
T	Construction	2026	\$0	\$936,000	\$0	\$936,000	\$0	
T	Construction	2026	\$0	\$936,000	\$0	\$936,000	\$0	
Totals:			\$0	\$2,152,000	\$0	\$2,152,000	\$0	

Highway Safety Projects

Project Information

Division 7 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.

TIP #	W-5207
MTP #	consistent
CTP #	consistent
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Safety
Regions	Region D
Divisions	Division 7
Counties	Orange County
Municipalities	Town of Carrboro, Town of Chapel Hill, Town of Hillsborough
Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$627,500	\$72,500	\$0	\$5,102,000	\$4,245,000	

Division 7 Safety Improvements

Project Information

Safety improvements at various locations in Division 7. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5707 DIV	Project Types	Safety
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 7 Safety Improvements

Project Information

Safety improvements at various locations in Division 7. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5707 REG	Project Types	Safety
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 7 Safety Improvements

Project Information

Safety improvements at various locations in Division 7. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5707 SW	Project Types	Safety
MTP #	consistent	Regions	Region D
CTP #	consistent	Divisions	Division 7
Project Length		Counties	Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2017	\$216,000	\$24,000	\$0	\$240,000	\$0	
HSIP	Right of Way	2018	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2018	\$216,000	\$24,000	\$0	\$240,000	\$0	
Totals:			\$756,000	\$84,000	\$0	\$840,000	\$0	

Draft FY2018-2027
Transportation Improvement Program

DIVISION 8 PROJECTS

HOW TO READ A PROJECT SHEET

US 70 (Miami Boulevard)

Project Breaks are used to represent different segments or portions of a project and are shown as a letter following the TIP #.

Project Information

HIGHWAY PROGRAM

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.

TIP #	U-5720 A	Project Types	Intersection Improvements, Upgrade Roadway, Division 5: Highway - Urban
MTP #	116; 116.1		
Project Length	1.6 miles	Jurisdictions / Agencies	City of Durham, Durham County, NCDOT, Division 5
Grantor Grant #			
MUNIS Grant #			

Corresponding Metropolitan Transportation Plan ID (if applicable)

Corresponding Grant Numbers - applicable for transit-related grants

Location of the project or agency involved with implementation of the project.

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Utilities	2022	0	3,248,000	0	3,248,000
T	Right of Way	2022	0	27,067,000	0	27,067,000
T	Construction	2024	0	26,235,000	0	26,235,000
T	Construction	2025	0	26,235,000	0	26,235,000
T	Construction	Future Unfunded	0	26,235,000	0	26,235,000
O	PE/Design	Prior Year	0	0	0	2,000,000
Total Project Cost						111,020,000

See Appendix E for detailed information on funding sources used for each project phase.

Type of work or activity to be completed as phases that make up each project.

Estimated costs for each phase of the project and the total project in current year dollars.

Unfunded project costs - unfunded future commitments



Map of estimated project location (if the project was mappable at the time of the release of the draft MTIP).

Division 8 Bridges (BPOC)

Project Information

Division 8 Purchase Order Contract bridge replacement projects at selected locations. This project is in progress - bridge purchase order contract (BPOC)

TIP #	BD-5108	Project Types	Administrative, Federal Bridge
MTP #		Regions	Region E
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$492,000	\$123,000	\$0	\$21,538,000	\$21,538,000	

CMAQ in DCHC MPO Area

Project Information

Projects to improve Congestion and Air Quality in the DCHC MPO area.

TIP #	C-5605	Project Types	Congestion Mitigation
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2017	\$2,240,000	\$0	\$560,000	\$2,800,000	\$0	
CMAQ (L)	Engineering	2017	\$17,000	\$0	\$4,000	\$21,000	\$0	
CMAQ (L)	Right of Way	2017	\$6,000	\$0	\$1,000	\$7,000	\$0	
CMAQ (L)	Construction	2017	\$190,000	\$0	\$48,000	\$238,000	\$0	
CMAQ (L)	Implementation	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Other	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	PE/Design	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Right of Way	2018	\$238,000	\$0	\$59,000	\$297,000	\$0	
CMAQ (L)	Construction	2018	\$1,427,000	\$0	\$357,000	\$1,784,000	\$0	
CMAQ (L)	Implementation	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Other	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	PE/Design	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Right of Way	2019	\$242,000	\$0	\$61,000	\$303,000	\$0	
CMAQ (L)	Construction	2019	\$1,453,000	\$0	\$363,000	\$1,816,000	\$0	
Totals:			\$7,948,000	\$0	\$1,813,000	\$9,761,000	\$0	

TJCOG TDM Program

Project Information

Triangle J Council of Governments (TJCOG) Transportation Demand Management (TDM) program.

TIP #	C-5605 J	Project Types	TDM, Congestion Mitigation
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Lead Planning Agency, Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (L)	Implementation	2019	\$538,690	\$0	\$135,000	\$673,690	\$0	Lead Planning Agency
Totals:			\$538,690	\$0	\$135,000	\$673,690	\$0	

Ecosystem Enhancement Program

Project Information

Ecosystem Enhancement Program for Division 8 Project Mitigation. This project is in progress.

TIP #	EE-4908	Project Types	Mitigation
MTP #		Regions	
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$29,709,000	\$0	\$29,709,000	\$25,842,000	

Transportation Alternatives Program - Division 8

Project Information

Division 8 Transportation Alternatives Program (TAP) at various locations.

TIP #	R-5788	Project Types	Rural
MTP #		Regions	Region E
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
Totals:			\$1,072,000	\$268,000	\$0	\$1,340,000	\$0	

Intersection improvements at NC-751 and O'Kelly Chapel Road

Project Information

Upgrade and realign intersection of NC-751 and O'Kelly Chapel Road.

TIP #	R-5825	Project Types	Intersection Improvements, Rural
MTP #		Regions	Region E
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Right of Way	2018	\$0	\$100,000	\$0	\$100,000	\$0	
T	Utilities	2018	\$0	\$100,000	\$0	\$100,000	\$0	
T	Construction	2018	\$0	\$390,000	\$0	\$390,000	\$0	
Totals:			\$0	\$649,000	\$0	\$649,000	\$0	

Chatham County Flex to Transit

Project Information

Chatham County STBGDA FY18 funds flexed to transit.

TIP #	TG-6189	Project Types	Transit
MTP #		Regions	Region E
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	Other

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Implementation	2018	\$34,997	\$0	\$8,749	\$43,746	\$0	Chatham County
Totals:			\$34,997	\$0	\$8,749	\$43,746	\$0	

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Information

Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects construct bike and pedestrian features. Planning, design, right of way, and construction by jurisdictions or agencies in the DCHC MPO area. STP-DA and TAP-DA funding reflects unprogrammed balances, programming subject to MPO approval.

TIP #	U-4726	Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program, Grouping (U-4726)
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP-DA	Right of Way	2017	\$48,080	\$0	\$12,020	\$60,100	\$0	City of Durham
STP-DA	Construction	2017	\$747,136	\$0	\$186,784	\$933,920	\$0	
TAP-DA	Construction	2017	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2018	\$350,000	\$0	\$0	\$350,000	\$0	
STP-DA	Construction	2018	\$2,066,903	\$0	\$516,725	\$2,583,628	\$0	City of Durham
STP-DA	Construction	2018	\$3,204,976	\$0	\$1,075,411	\$4,280,387	\$0	City of Durham
STBGDA	Construction	2018	\$1,698,219	\$0	\$424,555	\$2,122,774	\$0	
TAP-DA	Construction	2019	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2020	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2021	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2022	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2023	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2024	\$350,000	\$0	\$0	\$350,000	\$0	
TAP-DA	Construction	2025	\$350,000	\$0	\$0	\$350,000	\$0	
Totals:			\$17,519,202	\$0	\$3,847,717	\$21,366,919	\$0	

DCHC MPO Planning Allocation and Work Program

Project Information

DCHC MPO Planning Allocation and Work Program. This project includes \$233,000 Federal TIGER grant. This project is in progress.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough
MUNIS Grant #		Agencies	Chapel Hill Transit (CHT), GoDurham, Durham Center for Senior Life, Durham County ACCESS, Lead Planning Agency, Orange Public Transit, Triangle J Council of Government, GoTriangle

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000	\$0	City of Durham
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732	\$0	Lead Planning Agency
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500	\$0	Town of Chapel Hill
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826	\$0	City of Durham
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000	\$0	GoTriangle
PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000	\$0	Lead Planning Agency
Totals:			\$21,409,871	\$69,720	\$1,849,246	\$23,328,837	\$0	

Project Information

Chatham County UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region E
CTP #		Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$34,994	\$0	\$8,749	\$43,743	\$0	

Project Information

DCHC MPO Lead Planning Agency UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
Regions	Region C, Region D, Region E
Divisions	Division 5, Division 7, Division 8
Counties	Chatham County, Durham County, Orange County
Municipalities	
Agencies	Lead Planning Agency

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$1,515,169	\$0	\$378,793	\$1,893,962	\$0	

Project Information

Triangle J Council of Governments UPWP. DCHC MPO Planning Allocation and Work Program.

TIP #	U-4727	Project Types	Administrative, Other, UPWP , Urban, Grouping (U-4727)
MTP #		Regions	Region C, Region D, Region E
CTP #		Divisions	Division 5, Division 7, Division 8
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Triangle J Council of Government

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$55,000	\$0	\$13,750	\$68,750	\$0	

DCHC MPO STP-DA Reserve Funds

Project Information

DCHC MPO STP-DA Funds - Reserved for future programming. Includes \$137,000 to be allocated to TG-5235.

TIP #	U-5023	Project Types	Urban
MTP #	consistent	Regions	Region C, Region D, Region E
CTP #	consistent	Divisions	Division 5, Division 7, Division 8
Project Length		Counties	Chatham County, Durham County, Orange County
WBS #		Municipalities	
MUNIS Grant #		Agencies	

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STBGDA	Construction	2020	\$763,000	\$0	\$191,000	\$954,000	\$0	
STBGDA	Construction	2021	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2022	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2023	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2024	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2025	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2026	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
STBGDA	Construction	2027	\$3,772,000	\$0	\$943,000	\$4,715,000	\$0	
Totals:			\$27,167,000	\$0	\$6,792,000	\$33,959,000	\$0	

Highway Safety Projects

Project Information

Division 8 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.

TIP #	W-5208	Project Types	Safety
MTP #	consistent	Regions	Region E
CTP #	consistent	Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$4,462,701	\$497,299	\$0	\$4,960,000	\$166,658	

Division 8 Safety Improvements

Project Information

Safety improvements at various locations in Division 8. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5708 DIV	Project Types	Safety
MTP #	consistent	Regions	Region E
CTP #	consistent	Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 8 Safety Improvements

Project Information

Safety improvements at various locations in Division 8. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5708 REG	Project Types	Safety
MTP #	consistent	Regions	Region E
CTP #	consistent	Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2017	\$162,000	\$18,000	\$0	\$180,000	\$0	
HSIP	Right of Way	2018	\$27,000	\$3,000	\$0	\$30,000	\$0	
HSIP	Construction	2018	\$162,000	\$18,000	\$0	\$180,000	\$0	
Totals:			\$567,000	\$63,000	\$0	\$630,000	\$0	

Division 8 Safety Improvements

Project Information

Safety improvements at various locations in Division 8. Add right-of-way and construction phases that were not previously programmed.

TIP #	W-5708 SW	Project Types	Safety
MTP #	consistent	Regions	Region E
CTP #	consistent	Divisions	Division 8
Project Length		Counties	Chatham County
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Right of Way	2017	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2017	\$216,000	\$24,000	\$0	\$240,000	\$0	
HSIP	Right of Way	2018	\$36,000	\$4,000	\$0	\$40,000	\$0	
HSIP	Construction	2018	\$216,000	\$24,000	\$0	\$240,000	\$0	
Totals:			\$756,000	\$84,000	\$0	\$840,000	\$0	

Draft FY2018-2027
Transportation Improvement Program

STATEWIDE PROJECTS

HOW TO READ A PROJECT SHEET

US 70 (Miami Boulevard)

Project Breaks are used to represent different segments or portions of a project and are shown as a letter following the TIP #.

Project Information

HIGHWAY PROGRAM

Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.

<p>TIP # U-5720 A</p> <p>MTP # 116; 116.1</p> <p>Project Length 1.6 miles</p> <p>Grantor Grant #</p> <p>MUNIS Grant #</p>	<p>Project Types Intersection Improvements, Upgrade Roadway, Division 5: Highway - Urban</p> <p>Jurisdictions / Agencies City of Durham, Durham County, NCDOT, Division 5</p>
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Corresponding Metropolitan Transportation Plan ID (if applicable) →

Corresponding Grant Numbers - applicable for transit-related grants →

Location of the project or agency involved with implementation of the project. →

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Utilities	2022	0	3,248,000	0	3,248,000
T	Right of Way	2022	0	27,067,000	0	27,067,000
T	Construction	2024	0	26,235,000	0	26,235,000
T	Construction	2025	0	26,235,000	0	26,235,000
T	Construction	Future Unfunded	0	26,235,000	0	26,235,000
O	PE/Design	Prior Year	0	0	0	2,000,000
Total Project Cost						111,020,000

See Appendix E for detailed information on funding sources used for each project phase.

Type of work or activity to be completed as phases that make up each project.

Estimated costs for each phase of the project and the total project in current year dollars.

Unfunded project costs - unfunded future commitments

Map of estimated project location (if the project was mappable at the time of the release of the draft MTIP).



Bridge Inspection Program

Project Information

TIP #	B-9999	Project Types	Inspection, Highway Program
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	Implementation	2018	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2019	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2020	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2021	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2022	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2023	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2024	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2025	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2026	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
STP	Implementation	2027	\$9,900,000	\$1,100,000	\$0	\$11,000,000	\$0	
Totals:			\$305,722,000	\$33,970,000	\$0	\$339,692,000	\$0	

Establish Bridge Management System

Project Information

Establish Bridge Management System. This project is in progress.

TIP #	BK-5100
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Federal Bridge
Regions	
Divisions	
Counties	
Municipalities	
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$5,000,000	\$5,000,000	

Deck Preservation

Project Information

Deck preservation at 15 selected locations. This project is under construction.

TIP #	BK-5101	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$7,747,000	\$7,747,000	

Bridge Painting

Project Information

Bridge painting at 19 selected locations. This project is in progress.

TIP #	BK-5102	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$202,566	\$50,640	\$0	\$2,027,000	\$1,791,001	

Bridge Preservation

Project Information

Bridge preservation at selected locations. This project is in under construction.

TIP #	BK-5131	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$0	\$0	\$1,500,000	\$1,500,000	

Engineering Eval of Weight Limit on Bridges

Project Information

In-depth engineering evaluation of weight restrictions on load posted bridges on US and NC designated routes. This project is in progress.

TIP #	BK-5132	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$1,000,000	\$1,000,000	

Bridge Preservation Issues

Project Information

Bridge preservation issues at selected sites.

TIP #	BP-5500
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Federal Bridge
Regions	
Divisions	
Counties	
Municipalities	
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$23,151,000	\$14,270,000	

Project Information

Department of Motor Vehicles (DMV) vehicle emission compliance system. Upgrade North Carolina's motor vehicle emissions inspection and maintenance (I/M) program. This project is in progress by the Department of Motor Vehicles.

TIP #	C-3600	Project Types	Congestion Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$6,702,000	\$6,702,000	

Solar Center Clean Transportation Program

Project Information

North Carolina State University Solar Center Clean Transportation Program. Develop and administer a seven year clean fuel-advanced technology rebate program in all CMAQ eligible counties to reduce emissions.

TIP #	C-4902	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$4,694,000	\$0	\$4,694,000	\$0	

Project Information

North Carolina Department of Environment and Natural Resources. North Carolina Air Awareness Outreach Program to provide education and produce daily air quality forecast. This project is in progress by the NCDENR division of air quality.

TIP #	C-4903	Project Types	Congestion Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$500,000	\$500,000	\$500,000	\$1,500,000	\$1,500,000	

Passenger Rail Projects: NCRR

Project Information

NCDOT Piedmont and Carolinian passenger rail services. Public Outreach and Awareness Program.

TIP #	C-5571	Project Types	Passenger Rail
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Implementation	2017	\$655,200	\$163,800	\$0	\$819,000	\$0	
Totals:			\$1,964,800	\$491,200	\$0	\$2,456,000	\$819,000	

Project Information

Statewide CMAQ projects to improve air quality within nonattainment and maintenance areas.

TIP #	C-5600	Project Types	Congestion Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Implementation	2017	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
CMAQ (S)	Engineering	2017	\$3,405,000	\$851,000	\$0	\$4,256,000	\$0	
CMAQ (S)	Right of Way	2017	\$1,989,000	\$497,000	\$0	\$2,486,000	\$0	
CMAQ (S)	Construction	2017	\$23,127,000	\$5,782,000	\$0	\$28,909,000	\$0	
CMAQ (S)	Implementation	2018	\$1,634,000	\$735,000	\$0	\$2,369,000	\$0	
CMAQ (S)	Operations	2018	\$1,634,000	\$408,000	\$0	\$2,042,000	\$0	
CMAQ (S)	PE/Design	2018	\$1,634,000	\$408,000	\$0	\$2,042,000	\$0	
CMAQ (S)	Right of Way	2018	\$1,634,000	\$408,000	\$0	\$2,042,000	\$0	
CMAQ (S)	Construction	2018	\$9,803,000	\$2,451,000	\$0	\$12,254,000	\$0	
CMAQ (S)	Construction	2018	\$9,983,000	\$2,496,000	\$0	\$12,479,000	\$0	
CMAQ (S)	Implementation	2019	\$1,664,000	\$749,000	\$0	\$2,413,000	\$0	
CMAQ (S)	Operations	2019	\$1,664,000	\$416,000	\$0	\$2,080,000	\$0	
CMAQ (S)	PE/Design	2019	\$1,664,000	\$416,000	\$0	\$2,080,000	\$0	
CMAQ (S)	Right of Way	2019	\$1,664,000	\$416,000	\$0	\$2,080,000	\$0	
Totals:			\$76,435,800	\$19,767,200	\$0	\$96,203,000	\$0	

Project Information

CMAQ projects to improve air quality across multiple nonattainment and maintenance areas.

TIP #	C-5601	Project Types	Congestion Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Operations	2018	\$235,000	\$59,000	\$0	\$294,000	\$0	
CMAQ (S)	Implementation	2018	\$235,000	\$59,000	\$0	\$294,000	\$0	
CMAQ (S)	PE/Design	2018	\$235,000	\$59,000	\$0	\$294,000	\$0	
CMAQ (S)	Right of Way	2018	\$235,000	\$59,000	\$0	\$294,000	\$0	
CMAQ (S)	Construction	2018	\$1,407,000	\$352,000	\$0	\$1,759,000	\$0	
CMAQ (S)	Operations	2019	\$239,000	\$60,000	\$0	\$299,000	\$0	
CMAQ (S)	Implementation	2019	\$239,000	\$60,000	\$0	\$299,000	\$0	
CMAQ (S)	PE/Design	2019	\$239,000	\$60,000	\$0	\$299,000	\$0	
CMAQ (S)	Right of Way	2019	\$239,000	\$60,000	\$0	\$299,000	\$0	
CMAQ (S)	Construction	2019	\$1,433,000	\$358,000	\$0	\$1,791,000	\$0	
Totals:			\$4,736,000	\$1,186,000	\$0	\$5,922,000	\$0	

Project Information

TIP #	C-5702C
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	
Regions	
Divisions	
Counties	
Municipalities	
Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Other	2018	\$1,500,000	\$0	\$375,000	\$1,875,000	\$0	
Totals:			\$1,500,000	\$0	\$375,000	\$1,875,000	\$0	

CMAQ: Program Balance

Project Information

Congestion Mitigation Air Quality (CMAQ) program balance in non-attainment areas.

TIP #	C-9999	Project Types	Congestion Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Construction	2018	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2019	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2020	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2021	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2022	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2023	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2024	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2025	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2026	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
CMAQ (S)	Construction	2027	\$24,000,000	\$6,000,000	\$0	\$30,000,000	\$0	
Totals:			\$240,000,000	\$60,000,000	\$0	\$300,000,000	\$0	

National Recreation Trails

Project Information

NC statewide National Recreation Trails program. This project is in progress.

TIP #	E-4018	Project Types	Bicycle and Pedestrian Program
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Various, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
TAP	Construction	2018	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2019	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2020	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2021	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2022	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2023	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2024	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2025	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2026	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
TAP	Construction	2027	\$960,000	\$240,000	\$0	\$1,200,000	\$0	
Totals:			\$10,116,000	\$2,529,000	\$0	\$12,645,000	\$516,000	

Statewide Pedestrian Facilities

Project Information

NC statewide pedestrian facilities program. This project is under construction in various locations around the state.

TIP #	EB-3314	Project Types	Bicycle and Pedestrian Program
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Various, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$6,476,000	\$5,260,000	

Statewide Bicycle Safety Projects

Project Information

NC statewide roadway improvements for bicycle safety on state and local designated bicycle routes. This project is in progress.

TIP #	EB-4411	Project Types	Bicycle and Pedestrian Program
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$1,763,163	\$350,790	\$0	\$2,203,954	\$500,000	

Statewide Bicycle/Pedestrian Program

Project Information

Statewide Bicycle-Pedestrian Program. Previous TAP set-aside (TAP flex).

TIP #	EB-5542	Project Types	Bicycle and Pedestrian Program
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	PE/Design	2018	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2019	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2020	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2021	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2022	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2023	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2024	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2025	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2026	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
STP	PE/Design	2027	\$800,000	\$200,000	\$0	\$1,000,000	\$0	
Totals:			\$9,202,000	\$2,301,000	\$0	\$11,503,000	\$0	

NCDOT Sidewalk Program

Project Information

NCDOT's Sidewalk Program in all fourteen highway divisions. This project is in progress. \$182,000 in STP-DA funds have been allocated to Prior Year of ER-2971E, (new TIP #: U-4726 HJ has been created for the City of Durham portion of this project).

TIP #	ER-2971
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Bicycle, Pedestrian, or Trail/Greenway Project, Bicycle and Pedestrian Program
Regions	
Divisions	
Counties	
Municipalities	
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$25,408,000	\$25,132,000	

Vegetation Management

Project Information

Vegetation management - clear zone improvement and management statewide.

TIP #	ER-5600	Project Types	Safety
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	Construction	2018	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2019	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2020	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2021	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2022	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2023	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2024	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2025	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2026	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
STP	Construction	2027	\$3,200,000	\$800,000	\$0	\$4,000,000	\$0	
Totals:			\$33,746,000	\$8,436,000	\$0	\$42,182,000	\$0	

Interstate Maintenance Balance

Project Information

Interstate Maintenance Balance

TIP #	I-9999	Project Types	Interstate
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHPIM	Construction	2018	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2019	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2020	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2021	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2022	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2023	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2024	\$4,500,000	\$500,000	\$0	\$5,000,000	\$0	
NHPIM	Construction	2025	\$67,914,000	\$7,546,000	\$0	\$75,460,000	\$0	
NHPIM	Construction	2026	\$86,850,000	\$9,650,000	\$0	\$96,500,000	\$0	
NHPIM	Construction	2027	\$90,000,000	\$10,000,000	\$0	\$100,000,000	\$0	
Totals:			\$276,264,000	\$30,696,000	\$0	\$306,960,000	\$0	

SW Rural: Photogrammetry, PE for Misc Projects

Project Information

Statewide Rural Projects: Photogrammetry, PE for Misc Projects

TIP #	M-0219	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2018	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2019	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2020	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2021	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2022	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2023	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2024	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2025	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2026	\$0	\$250,000	\$0	\$250,000	\$0	
T	PE/Design	2027	\$0	\$250,000	\$0	\$250,000	\$0	
Totals:			\$0	\$4,808,000	\$0	\$4,808,000	\$1,757,000	

Project Information

Design services, preliminary engineering for miscellaneous projects. This project is in progress.

TIP #	M-0360	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2018	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2019	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2020	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2021	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2022	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2023	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2024	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2025	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2026	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2027	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
Totals:			\$0	\$23,328,000	\$0	\$23,328,000	\$11,180,000	

SW Rural Projects: Geotech Studies

Project Information

Statewide Rural Projects: Geotechnical Studies and investigations project to cover non-project specific work. This project is in progress.

TIP #	M-0376	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2018	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2019	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2020	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2021	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2022	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2023	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2024	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2025	\$0	\$900,000	\$0	\$900,000	\$0	
T	PE/Design	2026	\$0	\$810,000	\$0	\$810,000	\$0	
T	PE/Design	2027	\$0	\$1,080,000	\$0	\$1,080,000	\$0	
Totals:			\$0	\$21,257,000	\$0	\$21,257,000	\$11,066,000	

Scour Evaluation Program (Bridges)

Project Information

Scour evaluation program of existing bridges. This project is in progress.

TIP #	M-0379	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$3,100,000	\$3,100,000	

SW Rural Projects: Structure Design, PE for Misc Projects

Project Information

Statewide Rural Projects: Structure Design, Preliminary Engineering for Misc Projects. This project is in progress.

TIP #	M-0391	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2018	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2019	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2020	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2021	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2022	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2023	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2024	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2025	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2026	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2026	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2027	\$0	\$400,000	\$0	\$400,000	\$0	
T	PE/Design	2027	\$0	\$400,000	\$0	\$400,000	\$0	
Totals:			\$0	\$5,600,000	\$0	\$8,876,000	\$4,478,000	

Project Information

Hydraulics, preliminary engineering for miscellaneous projects. This project is in progress.

TIP #	M-0392	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2018	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2019	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2020	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2021	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2022	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2023	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2024	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2025	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2026	\$0	\$160,000	\$0	\$160,000	\$0	
T	PE/Design	2027	\$0	\$160,000	\$0	\$160,000	\$0	
Totals:			\$0	\$4,280,000	\$0	\$4,280,000	\$2,120,000	

Storm Water Runoff

Project Information

Storm water runoff. Research, design, construct, maintain, and monitor storm water drainage from 50 bridges over waterways. (HB 2346, Section 25.18). This project is under construction.

TIP #	M-0418	Project Types	Federal Bridge
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$5,860,000	\$5,860,000	

Enhancement: SW Landscape Plans

Project Information

Statewide landscape plans for STIP construction projects.

TIP #	M-0451	Project Types	Landscaping, Enhancement
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2018	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2019	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2020	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2021	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2022	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2023	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2024	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2025	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2026	\$0	\$70,000	\$0	\$70,000	\$0	
T	PE/Design	2027	\$0	\$70,000	\$0	\$70,000	\$0	
Totals:			\$0	\$1,312,000	\$0	\$1,312,000	\$412,000	

Project Information

Tolling/Financial Feasibility Studies.

TIP #	M-0452	Project Types	Study, Feasibility Studies
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2018	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2019	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2020	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2021	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2022	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2023	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2024	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2025	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2026	\$0	\$200,000	\$0	\$200,000	\$0	
T	PE/Design	2027	\$0	\$200,000	\$0	\$200,000	\$0	
Totals:			\$0	\$2,400,000	\$0	\$3,064,000	\$1,064,000	

SW Rural Projects: Project Dev & Env Analysis

Project Information

Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects.

TIP #	M-0479	Project Types	Other, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2017	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2018	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2019	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2020	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2021	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2022	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2023	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2024	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2025	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2026	\$0	\$500,000	\$0	\$500,000	\$0	
T	PE/Design	2027	\$0	\$500,000	\$0	\$500,000	\$0	
Totals:			\$0	\$7,130,000	\$0	\$7,130,000	\$500,000	

Transportation Program Management Unit (TPMU) Oversight

Project Information

Transportation Program Management Unit (TPMU) Oversight for locally administered projects including the preparation of agreements and funding authorization requests.

TIP #	M-0505	Project Types	Administrative, Study
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	Implementation	2017	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2018	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2019	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000	\$0	
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000	\$0	
Totals:			\$0	\$3,300,000	\$0	\$3,300,000	\$0	

Review of LPA Projects by the Appraisal Section

Project Information

TIP #	M-0515	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
O	Right of Way	2017	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2018	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2019	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2020	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2021	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2022	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2023	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2024	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2025	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2026	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
T	Right of Way	2027	\$0	\$250,000	\$0	\$250,000	\$0	NCDOT
Totals:			\$0	\$2,750,000	\$0	\$2,750,000	\$0	

Traffic Forecasting

Project Information

Transportation Planning Branch, traffic forecasting for miscellaneous projects.

TIP #	M-0521	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2018	\$0	\$300,000	\$0	\$300,000	\$0	
Totals:			\$0	\$600,000	\$0	\$600,000	\$0	

Project Information

Passenger Rail Project Trains 73/74 and 74/75 operations between Charlotte and Raleigh. Equipment and capital yard maintenance facility. Additional project funding includes anticipated \$6.6 million/year legislative appropriation from state highway fund, to be used for operations.

TIP #	P-2918	Project Types	Passenger Rail
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
CMAQ (S)	Operations	2017	\$3,272,800	\$818,200	\$0	\$4,091,000	\$0	
Totals:			\$6,272,800	\$1,568,200	\$0	\$158,562,000	\$0	

Private Crossing Safety Initiative

Project Information

Private Crossing Safety Initiative to close or enhance protection at railroad crossings between Raleigh and Charlotte. This project is in progress.

TIP #	P-4405	Project Types	Safety, Passenger Rail
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STHSR	Construction	2017	\$941,000	\$0	\$0	\$941,000	\$0	
Totals:			\$3,941,000	\$0	\$0	\$10,291,000	\$10,116,000	

Statewide Rail Preliminary Engineering

Project Information

TIP #	P-5602
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Passenger Rail
Regions	
Divisions	
Counties	
Municipalities	
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
T	PE/Design	2018	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2019	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2020	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2021	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2022	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2023	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2024	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2025	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2026	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
T	PE/Design	2027	\$0	\$1,000,000	\$0	\$1,000,000	\$0	
Totals: \$0			\$0	\$10,000,000	\$0	\$12,001,000	\$0	

SW Rural Projects: Traffic Operations

Project Information

Traffic operations (incident management, 511, smartlink, TEC, TMC). This project is in progress.

TIP #	R-4049	Project Types	Operations, Other
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$0	\$158,759,000	\$0	\$158,759,000	\$158,759,000	

SW Rural Projects: Positive Guidance Program

Project Information

Positive guidance program (pavement markings and markers, LED signal head replacement). This project is in progress.

TIP #	R-4067	Project Types	Signage & Road Markings
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$89,398,000	\$89,398,000	

SW Rural Projects: Asphalt Materials Testing

Project Information

Asphalt materials testing laboratories corrective action plan for groundwater clean up at 54 sites. This project is in progress.

TIP #	R-4073	Project Types	Other
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$13,919,200	\$6,385,800	\$0	\$20,305,000	\$3,586,375	

Water Quality Retrofits

Project Information

NPDES permit, retrofit 14 sites per year to protect water quality.

TIP #	R-4436	Project Types	Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
STP	Construction	2018	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2019	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2020	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2021	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2022	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2023	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2024	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2025	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2026	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
STP	Construction	2027	\$2,700,000	\$300,000	\$0	\$3,000,000	\$0	
Totals:			\$27,000,000	\$3,000,000	\$0	\$67,523,000	\$0	

SW Rural Projects: Traffic System

Project Information

Traffic system operations program (signal maintenance). This project is in progress.

TIP #	R-4701	Project Types	Operations, Other, Signal/ITS
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$265,523,000	\$265,523,000	

Federal Lands Transportation Program (FLTP)

Project Information

Federal Lands Transportation Program (FLTP). Road and bridge improvements to be constructed on transportation facilities that are owned by the federal government that provide access to federal lands. This program is in progress.

TIP #	R-5753	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$0	\$0	

Environmental Mitigation and Minimization

Project Information

TIP #	R-9999 WM	Project Types	Mitigation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Mitigation	2018	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2018	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2019	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2019	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2020	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2020	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2021	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2021	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2022	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2022	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2023	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2023	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2024	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2024	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2025	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2025	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2026	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2026	\$0	\$500,000	\$0	\$500,000	\$0	
NHP	Mitigation	2027	\$450,000	\$50,000	\$0	\$500,000	\$0	
T	Mitigation	2027	\$0	\$500,000	\$0	\$500,000	\$0	
Totals:			\$4,500,000	\$5,500,000	\$0	\$10,000,000	\$0	

Safe Routes to School: Non-Infrastructure

Project Information

Safe Routes to School Program. Educational, training, and other non-infrastructure needs. This project is in progress.

TIP #	SR-5000	Project Types	Training, Safe Routes to School
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$6,435,000	\$0	\$0	\$6,435,000	\$6,435,000	

Safe Routes to School: Infrastructure

Project Information

Safe Routes to School Program. Project to improve safety, reduce traffic, fuel consumption, and air pollution in the vicinity of schools. This project is in progress. \$200,800 of STP-DA funds have been allocated to SR-5001C.

TIP #	SR-5001	Project Types	Safe Routes to School
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
SRTS	Construction	2017	\$500,000	\$0	\$0	\$500,000	\$0	
Totals:			\$14,475,800	\$0	\$50,200	\$13,519,000	\$55,000	

New Freedom Capital Funding Assistance

Project Information

Section 5317 New Freedom Capital funding assistance to community transportation systems and non-profit agencies across the state.

TIP #	TA-6520	Project Types	Routine Capital, Transit, Public Transportation
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$443,000	\$443,000	

Project Information

Capital Acquisition. New Freedom 5317 Grant.

TIP #	TA-6535	Project Types	Other, Routine Capital, Transit, Public Transportation
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$789,000	\$789,000	

5311 Capital Projects for Rural Areas

Project Information

TIP #	TA-6665	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5311 (FNU)	Capital	2018	\$4,262,000	\$1,971,000	\$620,000	\$6,853,000	\$0	
Totals:			\$4,262,000	\$1,971,000	\$620,000	\$18,676,000	\$0	

Purchase Replacement Vehicles

Project Information

TIP #	TA-6666	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5309 (FBUS)	Capital	2018	\$1,806,000	\$201,000	\$201,000	\$2,208,000	\$0	
Totals:			\$1,806,000	\$201,000	\$201,000	\$3,735,000	\$0	

5311 ADTAP Capital Projects for Rural Areas

Project Information

TIP #	TC-5004	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
ADTAP	Capital	2018	\$2,264,000	\$277,000	\$278,000	\$2,819,000	\$0	
Totals:			\$2,264,000	\$277,000	\$278,000	\$5,129,000	\$0	

Project Information

TIP #	TH-2000
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	
Regions	
Divisions	
Counties	
Municipalities	
Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$126,000	\$0	

Project Information

Greyhound Bus Service from Raleigh to Norfolk. Intercity bus service from Raleigh to Norfolk along US 64 and US 258 with stops at Raleigh, Rocky Mount, Ahoskie, and Suffolk.

TIP #	TI-6105	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$1,402,000	\$1,402,000	

Project Information

Greyhound Bus Service from Raleigh to Wilmington . Intercity bus service from Raleigh to Wilmington along US 70 and US 117 with stops at Raleigh, Smithfield, Goldsboro, Wallace, and Wilmington

TIP #	TI-6106	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$1,592,000	\$1,592,000	

Project Information

Greyhound Bus Service From Raleigh to Jacksonville. Intercity bus service from Raleigh to Jacksonville along US 70 and US 17 with stops at Raleigh, Smithfield, Goldsboro, Kinston, and New Bern.

TIP #	TI-6107	Project Types	Operating Assistance, Transit, Public Transportation
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$1,910,000	\$1,910,000	

Project Information

Greyhound Bus Service from Raleigh to Jacksonville (via Wilmington). Intercity bus service from Raleigh to Jacksonville via Wilmington along US 70, US 117, and US 17 and from Jacksonville to Myrtle Beach via Wilmington along US 17.

TIP #	TI-6108	Project Types	Operating Assistance, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Other, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$4,081,000	\$4,081,000	

Project Information

TIP #	TI-6109
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Transit
Regions	
Divisions	
Counties	
Municipalities	
Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$9,043,000	\$0	

Public Transportation Projects: State Admin

Project Information

Statewide administration - rural area general public transit services. 5311 Grant.

TIP #	TK-4900 Z	Project Types	Administrative, Transit, Public Transportation, Break
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5311 (FNU)	Operations	2017	\$2,789,000	\$0	\$0	\$2,789,000	\$0	
5311 (FNU)	Admin	2018	\$1,743,000	\$0	\$0	\$1,743,000	\$0	
5311 (FNU)	Admin	2019	\$1,100,000	\$0	\$0	\$1,100,000	\$0	
5311 (FNU)	Admin	2020	\$1,100,000	\$0	\$0	\$1,100,000	\$0	
5311 (FNU)	Admin	2021	\$1,100,000	\$0	\$0	\$1,100,000	\$0	
5311 (FNU)	Admin	2022	\$1,100,000	\$0	\$0	\$1,100,000	\$0	
5311 (FNU)	Admin	2023	\$1,100,000	\$0	\$0	\$1,100,000	\$0	
Totals:			\$19,423,000	\$0	\$0	\$19,423,000	\$7,446,000	

Appalachian Development Transportation Program

Project Information

State administration of Appalachian Development Transportation Assistance Program.

TIP #	TK-4902	Project Types	Administrative, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
ADTAP	Admin	2017	\$185,000	\$0	\$0	\$185,000	\$0	
ADTAP	Admin	2018	\$231,000	\$0	\$0	\$231,000	\$0	
Totals:			\$561,000	\$0	\$0	\$561,000	\$0	

5311 Administrative Projects for Rural Areas

Project Information

TIP #	TK-6181	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5311 (FNU)	Admin	2018	\$13,423,000	\$1,656,000	\$2,630,000	\$17,709,000	\$0	
Totals:			\$13,423,000	\$1,656,000	\$2,630,000	\$35,682,000	\$0	

State Admin - Job Access Non-Urban

Project Information

Public Transportation Projects: Sub-Regional. State administration - Job Access Non-Urban. 5316 Grant.

TIP #	TM-5301	Project Types	Administrative, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5316-JARC	Admin	2017	\$500,000	\$0	\$0	\$500,000	\$0	
5316-JARC	Admin	2018	\$500,000	\$0	\$0	\$500,000	\$0	
5316-JARC	Admin	2019	\$500,000	\$0	\$0	\$500,000	\$0	
5316-JARC	Admin	2020	\$500,000	\$0	\$0	\$500,000	\$0	
Totals:			\$5,592,000	\$0	\$0	\$5,592,000	\$3,092,000	

Operating Funding

Project Information

Operating funding for existing projects statewide.

TIP #	TM-6155	Project Types	Administrative, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
			Totals: \$175,000	\$175,000	\$0	\$350,000	\$0	

Project Information

Public Transportation Projects: Sub-Regional. State administration - New Freedom - 5317

TIP #	TN-5112	Project Types	Administrative, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5317 (FNF)	Admin	2017	\$386,000	\$0	\$0	\$386,000	\$0	
5317 (FNF)	Admin	2018	\$386,000	\$0	\$0	\$386,000	\$0	
5317 (FNF)	Admin	2019	\$350,000	\$0	\$0	\$350,000	\$0	
5317 (FNF)	Admin	2020	\$350,000	\$0	\$0	\$350,000	\$0	
Totals:			\$4,270,000	\$0	\$0	\$4,270,000	\$2,412,000	

5311 Operating Projects for Rural Areas

Project Information

TIP #	TO-6135
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	
Regions	
Divisions	
Counties	
Municipalities	
Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$4,293,000	\$0	

Regional Coordinated Area Transportation

Project Information

Planning assistance - research support activities. FSPR Grant.

TIP #	TP-4901	Project Types	Planning Assistance, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
FSPR	Capital	2017	\$600,000	\$120,000	\$0	\$720,000	\$0	
FSPR	Capital	2018	\$600,000	\$150,000	\$0	\$750,000	\$0	
FSPR	Capital	2019	\$600,000	\$120,000	\$0	\$720,000	\$0	
FSPR	Capital	2020	\$600,000	\$120,000	\$0	\$720,000	\$0	
Totals:			\$3,000,000	\$630,000	\$0	\$7,769,000	\$4,139,000	

Project Information

Statewide support to update local community transportation service plans - 5311.

TIP #	TP-4902	Project Types	Administrative, Study, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$3,710,000	\$0	\$0	\$3,710,000	\$3,010,000	

5310 Operating Projects for Rural Areas

Project Information

TIP #	TQ-6954	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Operations	2018	\$2,231,000	\$0	\$2,231,000	\$4,462,000	\$0	
Totals:			\$2,231,000	\$0	\$2,231,000	\$8,670,000	\$0	

5310 Capital Projects for Rural Areas and Small Urban Areas

Project Information

TIP #	TQ-9038	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Capital	2018	\$3,459,000	\$433,000	\$433,000	\$4,325,000	\$0	
Totals:			\$3,459,000	\$433,000	\$433,000	\$7,551,000	\$0	

5310 Mobility Management Projects for Rural Areas

Project Information

TIP #	TQ-9039	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$657,000	\$0	

Public Transportation Projects: RTAP

Project Information

Statewide training and support services RTAP (Rural, Small-Urban and Paratransit).

TIP #	TS-4900 Z	Project Types	Training, Transit, Public Transportation, Break
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5311 (FNU)	Admin	2017	\$401,000	\$0	\$0	\$401,000	\$0	
5311 - RTAP	Admin	2018	\$0	\$412,000	\$0	\$412,000	\$0	
Totals:			\$401,000	\$1,884,000	\$0	\$2,285,000	\$1,057,000	

Enhanced State Safety Oversight Program

Project Information

Develop and implement an enhanced state safety oversight program.

TIP #	TS-7000	Project Types	Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$844,000	\$0	\$0	\$844,000	\$844,000	

Ferry Division Purchases

Project Information

NCDOT Ferry Division will purchase and install visuals, paging systems on board five class ferry vessels.

TIP #	TT-5205	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$66,000	\$0	

Regional Coordinated Area Transportation

Project Information

Technology - Administration (ITRE)

TIP #	TT-9702 A	Project Types	Administrative, Technology, Transit, Public Transportation, Break
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$50,000	\$0	\$50,000	\$50,000	

State Admin - Elderly & Disabled Persons

Project Information

Public Transportation Projects: Sub-Regional. State administration - Elderly and disabled persons (federal PROGRAM). 5310 Grant.

TIP #	TV-4903	Project Types	Administrative, Transit, Public Transportation
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #	UED14	Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
5310 (FEPD)	Admin	2017	\$650,000	\$0	\$0	\$650,000	\$0	
5310 (FEPD)	Admin	2017	\$415,000	\$0	\$0	\$415,000	\$0	
5310 (FEPD)	Admin	2018	\$569,000	\$0	\$0	\$569,000	\$0	
5310 (FEPD)	Admin	2019	\$650,000	\$0	\$0	\$650,000	\$0	
5310 (FEPD)	Admin	2020	\$650,000	\$0	\$0	\$650,000	\$0	
5310 (FEPD)	Admin	2021	\$650,000	\$0	\$0	\$650,000	\$0	
5310 (FEPD)	Admin	2022	\$650,000	\$0	\$0	\$650,000	\$0	
5310 (FEPD)	Admin	2023	\$650,000	\$0	\$0	\$650,000	\$0	
Totals:			\$9,749,000	\$0	\$0	\$9,749,000	\$5,147,000	

NC-147 Widening, East End Connector to I-40

Project Information

Add lanes and rehabilitate pavement on NC-147 from the East End Connector to I-40.

TIP #	U-5934
MTP #	
CTP #	
Project Length	
WBS #	
MUNIS Grant #	

Project Types	Additional Lanes , Roadway Capacity, Roadway/Pavement Rehab, Upgrade Roadway, Highway Program, Urban
Regions	Region C
Divisions	Division 5
Counties	Durham County
Municipalities	City of Durham
Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
NHP	Right of Way	2022	\$742,000	\$83,000	\$0	\$825,000	\$0	
NHP	Utilities	2022	\$1,191,000	\$132,000	\$0	\$1,323,000	\$0	
NHP	Construction	2022	\$7,970,000	\$885,000	\$0	\$8,855,000	\$0	
NHP	Construction	2023	\$50,474,000	\$5,608,000	\$0	\$56,082,000	\$0	
NHP	Construction	2024	\$50,474,000	\$5,608,000	\$0	\$56,082,000	\$0	
NHP	Construction	2025	\$50,474,000	\$5,607,000	\$0	\$56,081,000	\$0	

Totals: \$161,325,000 \$17,923,000 \$0 \$179,248,000 \$0

Highway Safety Projects

Project Information

Signal retiming to improve safety. This project is in progress.

TIP #	W-5300	Project Types	Signal/ITS, Safety
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Construction	2017	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2018	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2019	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2020	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2021	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2022	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2023	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2024	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
HSIP	Construction	2025	\$900,000	\$100,000	\$0	\$1,000,000	\$0	
Totals:			\$9,000,000	\$1,000,000	\$0	\$15,808,000	\$5,808,000	

Highway Safety Projects

Project Information

Highway system data collection. Traffic engineering branch to participate in a three-year data collection program.

TIP #	W-5508	Project Types	Other, Study, Safety
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
Totals:			\$0	\$0	\$0	\$1,500,000	\$1,500,000	

Safety Mitigation Program

Project Information

Project identification, analysis, and preliminary engineering.

TIP #	W-5517	Project Types	Safety
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	PE/Design	2018	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2019	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2020	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2021	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2022	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2023	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2024	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2025	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2026	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
HSIP	PE/Design	2027	\$4,950,000	\$550,000	\$0	\$5,500,000	\$0	
Totals:			\$79,382,000	\$8,820,000	\$0	\$88,202,000	\$0	

Signal Retiming (Various)

Project Information

Signal retiming in various locations to improve safety.

TIP #	W-5700DIV	Project Types	Signal/ITS, Safety
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Construction	2017	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2018	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2019	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2020	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2021	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2022	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2023	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2024	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2025	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2026	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2027	\$405,000	\$45,000	\$0	\$450,000	\$0	
Totals:			\$4,995,000	\$555,000	\$0	\$5,550,000	\$0	

Signal Retiming (Various)

Project Information

Signal retiming at various locations around the state to improve safety.

TIP #	W-5700REG	Project Types	Signal/ITS, Safety
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Construction	2017	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2018	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2019	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2020	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2021	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2022	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2023	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2024	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2025	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2026	\$405,000	\$45,000	\$0	\$450,000	\$0	
HSIP	Construction	2027	\$405,000	\$45,000	\$0	\$450,000	\$0	
Totals:			\$4,995,000	\$555,000	\$0	\$5,550,000	\$0	

Signal Retiming (Various)

Project Information

Signal retiming at various locations around the state to improve safety.

TIP #	W-5700SW	Project Types	Signal/ITS, Safety
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Construction	2017	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2018	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2019	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2020	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2021	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2022	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2023	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2024	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2025	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2026	\$540,000	\$60,000	\$0	\$600,000	\$0	
HSIP	Construction	2027	\$540,000	\$60,000	\$0	\$600,000	\$0	
Totals:			\$6,660,000	\$740,000	\$0	\$7,400,000	\$0	

Highway Safety Improvement Program Balance

Project Information

TIP #	W-9999	Project Types	Safety
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
HSIP	Construction	2018	\$10,800,000	\$1,200,000	\$0	\$12,000,000	\$0	
HSIP	Construction	2018	\$10,800,000	\$1,200,000	\$0	\$12,000,000	\$0	
HSIP	Construction	2019	\$20,250,000	\$2,250,000	\$0	\$22,500,000	\$0	
HSIP	Construction	2020	\$21,105,000	\$2,345,000	\$0	\$23,450,000	\$0	
HSIP	Construction	2021	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2022	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2023	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2024	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2025	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2026	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
HSIP	Construction	2027	\$21,330,000	\$2,370,000	\$0	\$23,700,000	\$0	
Totals:			\$212,265,000	\$23,585,000	\$0	\$235,850,000	\$0	

Passenger Rail Projects: Traffic Separation Study

Project Information

Traffic separation study implementation and closures. This project is in progress.

TIP #	Y-5500	Project Types	Study, Passenger Rail
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
RR	Right of Way	2017	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2017	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2018	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2018	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2019	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2019	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2020	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2020	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2021	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2021	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2022	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2022	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2023	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2023	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2024	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2024	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
RR	Right of Way	2025	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2025	\$2,500,000	\$0	\$0	\$2,500,000	\$0	
Totals:			\$30,000,000	\$0	\$0	\$32,174,000	\$0	

Passenger Rail Projects: Highway-Rail Crossing

Project Information

Highway-rail grade crossing safety improvements. This project is in progress.

TIP #	Z-5400	Project Types	Safety, Passenger Rail
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
RR	Right of Way	2017	\$500,000	\$0	\$0	\$500,000	\$0	
RR	Construction	2017	\$3,000,000	\$0	\$0	\$3,000,000	\$0	
Totals:			\$23,316,000	\$0	\$0	\$23,316,000	\$7,517,000	

Highway-Rail Grade Crossing

Project Information

Highway-Rail Grade Crossing Safety Improvements. New project programmed into the FY2016-2025 STIP at request of Rail Division.

TIP #	Z-5700	Project Types	Safety
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
RR	Right of Way	2018	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2018	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2019	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2019	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
Totals:			\$5,600,000	\$1,400,000	\$0	\$7,404,000	\$0	

Highway-Rail Grade Crossing

Project Information

Highway-rail grade crossing safety improvements at various locations statewide.

TIP #	Z-5800	Project Types	Safety
MTP #	consistent	Regions	
CTP #	consistent	Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	NCDOT, Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
RR	Right of Way	2019	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2019	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Construction	2019	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2020	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2020	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2021	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2021	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
Totals:			\$10,800,000	\$2,700,000	\$0	\$13,500,000	\$0	

Highway-Rail Grade Crossing Safety Improvements - Unprogrammed Balance

Project Information

TIP #	Z-9999	Project Types	
MTP #		Regions	
CTP #		Divisions	
Project Length		Counties	
WBS #		Municipalities	
MUNIS Grant #		Agencies	Statewide

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total	Obligated	Local Responsibility
RR	Right of Way	2023	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2023	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2024	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2024	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2025	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2025	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2026	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2026	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
RR	Right of Way	2027	\$400,000	\$100,000	\$0	\$500,000	\$0	
RR	Construction	2027	\$2,400,000	\$600,000	\$0	\$3,000,000	\$0	
Totals:			\$14,000,000	\$3,500,000	\$0	\$17,500,000	\$0	

Draft **FY2018-2027**
Transportation Improvement Program

APPENDIX B: SUPPLEMENTAL PROJECT LISTS

FY2018-27 DCHC MPO MTIP

New Projects Added since Approval of STIP

TIP #	ROUTE	DIVISION	COUNTY	DESCRIPTION	Mode	Work type	FUNDING SOURCE	PRIOR YEAR	2018	2019
C-5650*	SOUTH GREENSBORO STREET	7	ORANGE	CONSTRUCT A SIDEWALK ON ONE SIDE OF SOUTH GREENSBORO STREET IN CARRBORO	BIKE/PED	PE	STBGDA		84	
						PE	L		21	
						ROW	STBGDA		100	
						ROW	L		25	
						CONSTRUCTION	STBGDA		530	
						CONSTRUCTION	CMAQ		440	
						CONSTRUCTION	L		748	
TA-6695		7	ORANGE	REPLACE THREE DIESEL BUSES	TRANSIT	IMPLEMENTATION	CMAQ		1093	
						IMPLEMENTATION	L		273	
TA-6696		5	DURHAM	ACQUIRE TWO LIFT EQUIPPED ELECTRIC BUSES	TRANSIT	IMPLEMENTATION	CMAQ			400
						IMPLEMENTATION	L			100
TA-6697	CHATHAM TRANSIT IMPROVEMENTS FROM PITTSBORO TO CHAPEL HILL	7, 8	CHATHAM ORANGE	PURCHASE AND OPERATE A 30-35 FOOT HD LOW FLOOR BUS TO PROVIDE SERVICE FROM PITTSBORO TO CHAPEL HILL	TRANSIT	IMPLEMENTATION	CMAQ		400	
						IMPLEMENTATION	L		100	
TG-6189		8	CHATHAM	FLEX TO TRANSIT	TRANSIT	IMPLEMENTATION	STBGDA		35	
						IMPLEMENTATION	L		9	
U-4445**	R. KELLY BRYANT BRIDGE	5	DURHAM	CONSTRUCT A BIKE/PED BRIDGE ACROSS NC 147	BIKE/PED	IMPLEMENTATION	STBGDA	7		
							L	2		

*Former U-4726Dx; project was added to FY16-25 TIP on 9/13/17, but was not reflected in BOT adopted FY18-27 STIP of 8/1/17

**For informational purposes only; no TIP/STIP action required and not to be included in FY18-27 TIP

No project listed is funded past FY2019 at time of adoption.

New sub-projects are listed in Chapter 3.

FY2018-27 DCHC MPO MTIP

List of Differences between Adopted STIP and MTIP (existing STIP projects)

<u>TIP #</u>	<u>Type</u>	<u>Category</u>	<u>County</u>	<u>Division</u>	<u>Route</u>	<u>Description</u>	<u>Action</u>
C-5572	Bike/Ped	Needs	Durham	5	West Ellerbe Creek Greenway	Phase II, Westover Park to Stadium Drive, Construct Multi-Use Path	FY 17 STBGDA and Local funds added 6/14/17
EB-5720	Bike/Ped	Needs	Durham	5	R. Kelly Bryant Bridge South	Construct Multi-Use Path from NC 55 to R. Kelly Bryant Bridge	TAP and Local funds added in Prior Year and FY 18 on 11/8/17
I-5702A	Highway	Statewide Mobility	Durham	5	I-40	Construct managed lanes from US 15/501 to NC 147 in Durham County	Removed by DCHC Board on 8/9/17.
P-5710	Rail	Regional Impact	Durham	5	NCR Corridor	Construct grade separations at Blackwell Street crossing (735229N) and US 15/501 Business southbound (Mangum Street) crossing (735231P) in Durham.	Removed by DCHC Board on 8/9/17.
U-0071	Highway	Statewide Mobility	Durham	5	East End Connector	Construct four-lane divided freeway with auxiliary lanes	STBGDA and Local funds added 11/8/17
U-3308	Highway	Regional Impact	Durham	5	NC 55 (Alston Avenue)	Widen to four lanes from NC 147 to US 70 Business/NC 98	STBGDA and Local funds added 11/8/17
U-4726	Bike/Ped	Division Needs	Durham/ Orange/ Chatham	5/7/8	Various	Bike/Ped and TAP Eligible Projects	STBGDA and Local funds added 11/8/17
U-5543	Highway	Regional Impact	Orange	7	Various	Variable message signs for traffic management on major corridors in Chapel Hill	STBGDA and Local funds added 9/13/17
U-5549	Highway	Division Needs	Orange	7	NC 86	Downtown access improvements in Hillsborough	STBGDA and Local funds added 9/13/17

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED			
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
INTERSTATE PROJECTS																				
I-40	I-5702	US 15 / US 501 IN DURHAM COUNTY TO SR 1728 (WADE AVENUE) IN WAKE COUNTY. CONSTRUCT MANAGED LANES.	18.6	1177417		T														
						T														
						T														
						BOND R														
						T										R	80520	B		
						T										U	1960	B		
						T										C	24830	B		
						BOND R										C	173530	B		
DURHAM						SW A	US 15 / US 501 TO NC 147. - DESIGN-BUILD PROJECT; COORDINATE WITH I-5707, TE-5205, U-5774F AND U-5934.													
WAKE						SW B	NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM COUNTY TO SR 1728 (WADE AVENUE) IN WAKE COUNTY. - DESIGN-BUILD PROJECT; COORDINATE WITH I-5707, TE-5205, U-5774F AND U-5934.													
							COORDINATE WITH FS-1005A AND FS-1205A													
I-40	I-5707	NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM. CONSTRUCT WESTBOUND AUXILIARY LANE.	1.2	4373	500	NHP				R	268									
						NHP				U	55									
						NHP						C	3550							
DURHAM	SW																			
							PLANNING / DESIGN IN PROGRESS - COORDINATE WITH I-5702A													
I-40 / I-85	I-5958	WEST OF SR 1114 (BUCKHORN ROAD) TO WEST OF SR 1006 (ORANGE GROVE ROAD). PAVEMENT REHABILITATION.	7.1	7455		NHPIM							C	3728		C	3727			
ORANGE	SW																			
I-40	I-5822	I-85 TO EAST OF SR 1734 (ERWIN ROAD). PAVEMENT REHABILITATION.	11	12550	100	NHPIM				C	12450									
ORANGE	SW																			
							PLANNING / DESIGN IN PROGRESS - COORDINATE WITH I-3306A													
I-40	I-3306	I-85 IN ORANGE COUNTY TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM COUNTY. WIDEN TO SIX LANES AND INSTALL ITS.	20.7	248231	87031	NHP												R	500	AA
						NHP												U	500	AA
						NHP												C	96300	AA
						NHP												R	500	AB
						NHP												U	500	AB
						NHP												C	46400	AB
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
						NHP														
DURHAM						AA	I-85 TO NC 86 - PLANNING / DESIGN IN PROGRESS													
ORANGE						AB	NC 86 TO DURHAM COUNTY LINE - PLANNING / DESIGN IN PROGRESS													
						REG AC	NC 86 INTERCHANGE IMPROVEMENTS - PLANNING / DESIGN IN PROGRESS													
						B	ORANGE COUNTY LINE TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM - COMPLETE													

DIV - Division Category **EX - Exempt Category**
HF - State Dollars (Non STI) **REG - Regional Category**
SW - Statewide Category **TRN - Transition Project**

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS		
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027			
INTERSTATE PROJECTS																			
I-85	I-5983	WEST OF SR 1713 TO DURHAM COUNTY LINE. WIDEN TO 6 LANES.	2.5	53460		NHP								R	5500				
						NHP								U	660				
						NHP										C	11825		
ORANGE	SW																C	35475	
I-85	I-5729	US 15 / US 501 TO EAST OF SR 1827 (MIDLAND TERRACE ROAD) IN DURHAM. PAVEMENT REHABILITATION.	5.3	11315	11315														
DURHAM	SW																		
UNDER CONSTRUCTION																			
I-85	I-5941	ORANGE COUNTY LINE TO US 15 / US 501 IN DURHAM. PAVEMENT REHABILITATION	2.4	2973		NHPIM										C	2973		
DURHAM	SW																		
I-85	I-5984	NC 86 IN HILLSBOROUGH. UPGRADE INTERCHANGE.		16488		NHP										R	4900		
						NHP										U	588		
						NHP											C	11000	
ORANGE	SW																		
I-85	I-5959	WEST OF SR 1006 (ORANGE GROVE ROAD) TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	7.5	11155		NHPIM										C	11155		
ORANGE	SW																		
COORDINATE WITH I-5967 AND U-5845																			
I-85 / US 15	I-5942	NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY. PAVEMENT REHABILITATION.	6	8357		NHPIM										C	8357		
DURHAM GRANVILLE	SW																		
I-85	I-5967	SR 1009 (SOUTH CHURTON STREET) IN HILLSBOROUGH. INTERCHANGE IMPROVEMENTS.		20700		NHP											R	3300	
						NHP											U	500	
						NHP										C	8450	C	8450
ORANGE	SW																		
I-540	I-5307	I-40 IN DURHAM COUNTY TO NC 50 IN WAKE COUNTY. PAVEMENT REHABILITATION AND SHOULDER SEALS.	9.4	11126	11126														
DURHAM WAKE						TRN B	BRIDGE 910342 OVER I-40 IN DURHAM. REPLACE JOINTS. - UNDER CONSTRUCTION												
PROJECT COMPLETE - LET WITH I-5310 - COST INCLUDED I-5310																			

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
INTERSTATE PROJECTS																				
I-540	I-5982	I-40 IN DURHAM TO I-495 / US 64 / US 264 IN KNIGHTDALE. CONSTRUCT MANAGED SHOUDERS.	25.4	109970		T											C 14773	C 27493	C 27492	C 27492
DURHAM	SW					BOND R											C 12720			
WAKE																				
NORTH CAROLINA TURNPIKE AUTHORITY PROJECT - FUNDING SUBJECT TO LEGISLATIVE TOLL CAP CONSTRAINT																				
RURAL PROJECTS																				
NC 54	R-5821	SR 1006 (ORANGE GROVE ROAD) TO SR 1107 / SR 1937 (OLD FAYETTEVILLE ROAD). CONSTRUCT OPERATIONAL IMPROVEMENTS, INCLUDING BICYCLE/PEDESTRIAN ACCOMMODATIONS, AND IMPROVE SR 1006 INTERSECTION.		4744		T														
						T														
						T														
						T	R	135	B											
						T	U	100	B											
						T	C	585	B											
ORANGE						REG A														
						DIV B														
COORDINATE WITH U-6071																				
NC 751	R-5825	SR 1731 (O'KELLY CHAPEL ROAD). UPGRADE AND REALIGN INTERSECTION.		649	59	T	R	100												
						T	U	100												
						T				C	390									
CHATHAM	DIV																			
PLANNING / DESIGN IN PROGRESS																				
VARIOUS	R-5788	DIVISION 8 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		565	565															
CHATHAM	DIV																			
HOKÉ																				
LEE																				
MONTGOMERY																				
MOORE																				
RANDOLPH																				
RICHMOND																				
SCOTLAND																				
UNDER CONSTRUCTION																				

DIV - Division Category EX - Exempt Category
HF - State Dollars (Non STI) REG - Regional Category
SW - Statewide Category TRN - Transition Project

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS															
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED					
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS					
RURAL PROJECTS																						
VARIOUS DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	R-5785 DIV	DIVISION 5 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		435	435																	
UNDER CONSTRUCTION																						
VARIOUS ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	R-5787 DIV	DIVISION 7 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		1145	1145																	
UNDER CONSTRUCTION																						
URBAN PROJECTS																						
US 15 / US 501 DURHAM	U-6067 SW	I-40 TO US 15 / US 501 BUSINESS IN DURHAM. UPGRADE CORRIDOR TO EXPRESSWAY.	2	195300			T															
													R	25000		R	25000					
														U	2500		U	2500				
																		C	35075		C	105225
COORDINATE WITH TE-5205 AND U-5717																						
US 15 / US 501 (FORDHAM BOULEVARD) ORANGE	U-5550 SW	SR 1742 (EPHESUS CHURCH ROAD) IN CHAPEL HILL. INTERSECTION IMPROVEMENTS.		2170			T	C	2170													
UNDER CONSTRUCTION BY TOWN OF CHAPEL HILL - FY 2018 PROGRAMMING REFLECTS REIMBURSEMENT TO TOWN																						
US 15 / US 501 DURHAM	U-5717 SW	SR 1116 (GARRETT ROAD) IN DURHAM. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		71200			T			R	26400		R	26400								
											U	700										
													C	5900		C	5900		C	5900		
COORDINATE WITH TE-5205 AND U-6067																						

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED													
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS													
DURHAM ORANGE	U-5304	NC 86 (SOUTH COLUMBIA STREET) TO I-40 IN CHAPEL HILL. UPGRADE CORRIDOR. (FORDHAM BOULEVARD)	6	131266			T																							
							T																							
							T																							
							T																							
							T																							
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							T																							
							T																							
							T																							
							T																							

FEASIBILITY STUDY IN PROGRESS - COORDINATE WITH TE-5205 AND U-5774

DURHAM WAKE	U-5720	LYNN ROAD IN DURHAM TO WEST OF ALEXANDER DRIVE IN RALEIGH. UPGRADE TO CONTROLLED-ACCESS FACILITY AND CONVERT AT-GRADE INTERSECTION WITH SR 1811 (SHERRON ROAD) / SR 1959 (SOUTH MIAMI BOULEVARD) TO INTERCHANGE.	5	288621	2000	T																								
						T																								
						T																								
						T																								
						T																								
						T																								
						T																								
						T																								
						T																								
						T																								

PLANNING / DESIGN IN PROGRESS

DURHAM	U-5516	SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. INTERSECTION IMPROVEMENTS.	0.5	7610	110	L	R	2000																
						NHP				C	5500													

PLANNING / DESIGN IN PROGRESS - RIGHT OF WAY ACQUISITION FUNDED BY CITY OF DURHAM

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS			
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM								
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027				
URBAN PROJECTS																				
NC 54	U-6071	SR 1007 (OLD FAYETTEVILLE ROAD) IN CARRBORO. INTERSECTION IMPROVEMENTS.	1	1216		T														
						T							R	180						
						T							U	100						
ORANGE	REG					T									C	936				
COORDINATE WITH R-5821																				
NC 54	U-5774	US 15 / US 501 IN CHAPEL HILL TO NC 55 IN DURHAM. UPGRADE ROADWAY CORRIDOR.	9.2	295300		NHP											R	2800	A	
						NHP											U	1000	A	
						NHP											C	11000	A	
						NHP					R	5000	B	R	5000	B				
						NHP					U	500	B	U	500	B				
						NHP								C	10300	B	C	10300	B	
						NHP					R	1000	C	R	1000	C				
						NHP					U	500	C	U	500	C				
						NHP								C	7900	C	C	7900	C	
						NHP														
						NHP											R	54000	F	
						NHP											U	800	F	
						NHP											C	39300	F	
						T											R	1800	G	
						T											U	800	G	
						T											C	29400	G	
						T														
						T						R	2950	H	R	2950	H			
						T						U	1250	H	U	1250	H			
						T									C	4400	H	C	4400	H
						T														
						T											R	2500	I	
						T											U	10700	I	
						T											C	20400	I	
						T											R	3200	J	
						T											U	12600	J	
						T											C	14800	J	

DURHAM
ORANGE

PLANNING / DESIGN IN PROGRESS - PARTS A THROUGH F ON EXPANDED NHS - COORDINATE WITH TE-5205

DIV - Division Category **EX - Exempt Category**
HF - State Dollars (Non STI) **REG - Regional Category**
SW - Statewide Category **TRN - Transition Project**

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
URBAN PROJECTS																	
NC 55 (ALSTON AVENUE) DURHAM	U-3308 TRN	NC 147 (DURHAM FREEWAY) TO US 70 BUSINESS / NC 98 (HOLLOWAY STREET) IN DURHAM. WIDEN TO FOUR-LANE DIVIDED FACILITY FROM NC 147 TO MAIN STREET AND REPLACE NORFOLK SOUTHERN RAILROAD BRIDGES. MODERNIZE FROM MAIN STREET TO US 70 BUSINESS / NC 98 (HOLLOWAY STREET) INCLUDING ADDITION OF ON-STREET PARKING, BICYCLE LANES, TURN LANES, MEDIAN AND ACCESS MANAGEMENT.	1	41393	41348	STBGDA L	C 34 C 9										
STDGDA AND LOCAL FUNDS ADDED WITH ADOPTION OF TIP 11/8/17																	
UNDER CONSTRUCTION																	
NC 147 (DURHAM FREEWAY) DURHAM	U-5937 SW	SR 1445 (SOUTH DUKE STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	1.8	58089		T T T					R 4950 U 1188		R 4950				
												C 15667	C 15667	C 15667			
NC 147 DURHAM	U-5934 SW	I-40 TO FUTURE I-885 (EAST END CONNECTOR) IN DURHAM. ADD LANES AND REHABILITATE PAVEMENT.	3.9	179248		NHP NHP NHP							R 825 U 1323 C 8855				
												C 56082	C 56082	C 56081			
DESIGN-BUILD PROJECT																	
NC 751 (HOPE VALLEY ROAD) DURHAM	U-5745 REG	SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.		1750	450	T	C 1300										
RIGHT OF WAY IN PROGRESS - COORDINATE WITH EB-5514																	
SR 1006 (ORANGE GROVE ROAD) ORANGE	U-5848 DIV	EXISTING SR 1006 (ORANGE GROVE ROAD) TO US 70 BUSINESS) IN HILLSBOROUGH. EXTEND ORANGE GROVE ROAD ON NEW LOCATION WITH SIDEWALKS AND BICYCLE LANES.	0.4	5826	500	T T T							R 1067 U 155				
												C 4104					
PLANNING / DESIGN IN PROGRESS - COORDINATE WITH P-5701 AND U-5845																	
SR 1008 (MT. CARMEL CHURCH ROAD) ORANGE	U-5854 DIV	SR 1913 (BENNETT ROAD) IN CHAPEL HILL. CONSTRUCT ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS.		1165	540	T	C 625										
RIGHT OF WAY IN PROGRESS																	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
URBAN PROJECTS																	
VARIOUS DURHAM ORANGE	U-5543 REG	VARIABLE MESSAGE SIGNS FOR TRAFFIC MANAGEMENT ON MAJOR CORRIDORS IN CHAPEL HILL.		1108	135	STBGDA L	C 778 C 195										
STBGDA AND LOCAL DOLLARS ADDED PER MODIFICATION 9/13/17																	
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CHAPEL HILL - IN PROGRESS																	
VARIOUS ORANGE	U-5549 DIV	DOWNTOWN ACCESS IMPROVEMENTS IN HILLSBOROUGH. CONSTRUCT CURB RELOCATIONS AND ADA-COMPLIANT INTERSECTION IMPROVEMENTS, AND REMOVE ON-STREET PARKING.		446	156	STBGDA	C 232 C 58										
STBGDA AND LOCAL DOLLARS ADDED PER MODIFICATION 9/13/17																	
UNDER CONSTRUCTION BY TOWN OF HILLSBOROUGH																	
VARIOUS	U-5968	CITY OF DURHAM. UPGRADE ITS / SIGNAL SYSTEM.		26602	3987	STBG S(M) L T STBG S(M) T L			U 585 U 142 U 8 U 15								
DURHAM	REG																
PLANNING / DESIGN IN PROGRESS																	
VARIOUS CHATHAM DURHAM ORANGE	U-5023 DIV	DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) STPDA FUNDS - RESERVED FOR FUTURE PROGRAMMING.		33959		STBGDA					C 954 C 4715 C 4715				C 4715 C 4715 C 4715 C 4715 C 4715		
INCLUDES \$137K TO BE ALLOCATED TO TG-5235																	
VARIOUS CHATHAM DURHAM ORANGE	U-4727 DIV	DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) PLANNING ALLOCATION AND UNIFIED WORK PROGRAM.		13856	13856												
IN PROGRESS - PRIOR YEAR AMOUNT INCLUDES \$223K FEDERAL TIGER GRANT																	
AMERICAN TOBACCO TRAIL DURHAM	EL-2921E	NC 54 IN DURHAM TO CHATHAM COUNTY LINE. CONSTRUCT A MULTIPURPOSE TRAIL.		7497	7497												
PARTS A-D COMPLETE; PART E UNDER CONSTRUCTION BY CITY OF DURHAM																	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS	
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
URBAN PROJECTS																		
WOODCROFT PARKWAY EXTENSION	U-5823	SR 1116 (GARRETT ROAD) TO NC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT.	0	2219			STBG											
							L											
							STBG											
							L											
							STBG				C	1438						
							L				C	360						
DURHAM	DIV																	
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - NON-STATE SYSTEM FACILITY - LOCAL MATCH BY CITY OF DURHAM																		
FEASIBILITY STUDIES																		
I-540 NC 540 DURHAM WAKE	FS-1305A	NC 54 TO US 64-264. CONSTRUCT MANAGED LANES.	27															
FEASIBILITY STUDY IN PROGRESS																		
BRIDGE PROJECTS																		
US 15 / US 501 NORTHBOUND DURHAM	B-5674	REPLACE BRIDGE 310080 OVER SR 1308 (CORNWALLIS ROAD) IN DURHAM.		2419	100		NHPB											
							NHPB											
												R	110					
													C	2209				
PLANNING / DESIGN IN PROGRESS																		
SR 1005 (OLD GREENSBORO ROAD) ORANGE	B-5348	REPLACE BRIDGE 670085 OVER PHIL'S CREEK.		1345	1345													
UNDER CONSTRUCTION																		
SR 1616 (BAHAMA ROAD) DURHAM	B-4943	REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE).		2041	591		STPOFF	C	1450									
RIGHT OF WAY IN PROGRESS																		
VARIOUS ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	BD-5107	DIVISION 7 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		19304	19304													
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																		

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
BRIDGE PROJECTS																	
VARIOUS DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	BD-5105 DIV	DIVISION 5 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		15428	15428												
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																	
VARIOUS CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	BD-5108 DIV	DIVISION 8 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		21538	21538												
IN PROGRESS - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																	
MITIGATION PROJECTS																	
VARIOUS DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	EE-4905	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 5 PROJECT MITIGATION.		20302	20302												
IN PROGRESS																	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
MITIGATION PROJECTS																	
VARIOUS CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	EE-4908	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 8 PROJECT MITIGATION.		29709	29709												
						IN PROGRESS											
VARIOUS ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	EE-4907	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 7 PROJECT MITIGATION.		18169	18169												
						IN PROGRESS											
HIGHWAY SAFETY PROJECTS																	
VARIOUS ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	W-5207	DIVISION 7 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		5102	5102												
						IN PROGRESS											

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DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					
COUNTY	NUMBER						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	

HIGHWAY SAFETY PROJECTS

VARIOUS	W-5705	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 5.		1780	1080	HSIP	R	30	DIV														
						HSIP	C	180	DIV														
						HSIP	R	30	RE														
						HSIP	C	180	RE														
						HSIP	R	40	SW														
						HSIP	C	240	SW														

DURHAM
FRANKLIN
GRANVILLE
PERSON
VANCE
WAKE
WARREN

DIV DIV SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.
REG REG SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.
SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.

IN PROGRESS

VARIOUS	W-5208	DIVISION 8 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		4960	4960													
CHATHAM						REG	MA	NC 144 INTERSECTION. CONSTRUCT ROUNDABOUT - IN PROGRESS										
HOKE																		
LEE																		
MONTGOMERY																		
MOORE																		
RANDOLPH																		
RICHMOND																		
SCOTLAND																		

IN PROGRESS

VARIOUS	W-5708	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 8.		1045	345	HSIP	R	30	DIV														
						HSIP	C	180	DIV														
						HSIP	R	30	RE														
						HSIP	C	180	RE														
						HSIP	R	40	SW														
						HSIP	C	240	SW														

CHATHAM
HOKE
LEE
MONTGOMERY
MOORE
RANDOLPH
RICHMOND
SCOTLAND

DIV DIV SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.
REG REG SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.
SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.

IN PROGRESS

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
HIGHWAY SAFETY PROJECTS																				
VARIOUS	W-5707	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 7.		910	210	HSIP	R	30	DIV											
						HSIP	C	180	DIV											
						HSIP	R	30	RE											
						HSIP	C	180	RE											
						HSIP	R	40	SW											
						HSIP	C	240	SW											
ALAMANCE						DIV	DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
CASWELL						REG	REG	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
GUILFORD						SW	SW	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
ORANGE																				
ROCKINGHAM																				
IN PROGRESS																				
VARIOUS	W-5205	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		10566	10566	DIV	DIV	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS - DIVISION NEEDS CATEGORY												
DURHAM						REG	REG	DIVISION 5 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS - REGIONAL IMPACT CATEGORY												
FRANKLIN																				
GRANVILLE																				
PERSON																				
VANCE																				
WAKE																				
WARREN																				
IN PROGRESS																				
CONGESTION MITIGATION PROJECTS																				
SR 1317 (MORREENE ROAD)	C-4928	NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.		6784	994	STBGDA	R	6												
						L	R	1												
						CMAQ	C	2331												
						STBGDA	C	2140												
						L	C	1312												
DURHAM	DIV																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																				
SR 1750 (NORTH ESTES DRIVE)	C-5179	NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES.		248	248															
ORANGE	EX	NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH.																		
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CHAPEL HILL - IN PROGRESS																				

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										FUTURE YEARS		
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027			
CONGESTION MITIGATION PROJECTS																			
VARIOUS	C-5183	CONSTRUCT SIDEWALKS IN DURHAM.		805			CMAQ	R	79	B									
							L	R	20	B									
							CMAQ	C	565	B									
							L	C	141	B									
DURHAM	EX						EX	B	SR 1171 (RIDDLE RD.) TO CAPPS ST.										
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																			
VARIOUS	C-5605	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE DURHAM / CHAPEL HILL / CARRBORO MPO.		6000			CMAQ	PE	238	PE	242								
							L	PE	59	PE	61								
							CMAQ	R	238	R	242								
							L	R	59	R	61								
							CMAQ	C	1427	C	1453								
							L	C	357	C	363								
							CMAQ	O	238	O	242								
							L	O	59	O	61								
							CMAQ	I	238	I	242								
							L	I	59	I	61								
CHATHAM DURHAM ORANGE	EX																		
VARIOUS	C-5178	CAMPUS WALK AVENUE, MORREENE ROAD TO LASALLE STREET AND LASALLE STREET, KANGAROO DRIVE TO ERWIN ROAD IN DURHAM. CONSTRUCT SIDEWALKS.		336			CMAQ	C	269										
							L	C	67										
DURHAM	EX																		
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																			
JONES CREEK GREENWAY	C-5181	CONSTRUCT A 100 FOOT BRIDGE AND 650 FOOT PAVED TRAIL IN CARRBORO TO FILL GAP BETWEEN THE UPPER BOLIN TRAIL AND TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM TO SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE ELEMENTARY SCHOOL.		420	100		CMAQ	C	247										
							L	C	61										
							CMAQ			I	10								
							L			I	2								
ORANGE	EX																		
PLANNING / DESIGN / IN PROGRESS BY TOWN OF CARRBORO																			
RIVERWALK TRAIL ORANGE	C-5184	RIVERWALK TRAIL, PHASE III IN HILLSBOROUGH. CONSTRUCT A PAVED OFF-ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA, AND CONSTRUCT SIDEWALK TO PROVIDE PEDESTRIAN AND BICYCLE CONNECTIONS TO THE GREENWAY.		109	109														
	EX																		
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF HILLSBOROUGH - IN PROGRESS																			

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
CONGESTION MITIGATION PROJECTS																				
TRIANGLE J COUNCIL OF GOVERNMENTS	C-4924	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN TRIANGLE OZONE NON- ATTAINMENT AREA.		9616	6992	CMAQ	1	640	A											
						L	1	603	A											
						CMAQ	1	523	B											
						L	1	858	B											
DURHAM ORANGE WAKE	EX					EX A		TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN CAPITAL AREA MPO (CAMPO) - IN PROGRESS												
						EX B		TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN DURHAM-CHAPEL HILL-CARRBORO (DCHC) - IN PROGRESS												
IN PROGRESS BY TRIANGLE J COUNCIL OF GOVERNMENTS																				
WEST ELLERBE CREEK GREENWAY DURHAM	C-5572	PHASE II, WESTOVER PARK TO STADIUM DRIVE TRAIL IN DURHAM. CONSTRUCT MULTI-USE PATH.	1.9	2280	2280															
FY 17 STBGDA AND LOCAL FUNDS ADDED PER MODIFICATION ON 6/14/17																				
UNDER CONSTRUCTION BY CITY OF DURHAM																				
ENHANCEMENT (CALL PROJECTS)																				
VARIOUS ALAMANCE BEAUFORT BRUNSWICK BUNCOMBE CAMDEN CHOWAN CRAVEN DARE DURHAM EDGECOMBE GUILFORD HALIFAX LENOIR PASQUOTANK WASHINGTON WAYNE	E-5501 TRN	FREEDOM ROADS. INSTALL INTERACTIVE WAYSIDE SIGNAGE FOR DESIGNATED SITES.		24	24															
UNDER CONSTRUCTION																				

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
BICYCLE AND PEDESTRIAN PROJECTS																				
DURHAM	EB-5715	MURRAY AVENUE TO US 501 BUSINESS (NORTH DUKE STREET)	1.8	437	437															
	DIV	CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN EXISTING GAPS.																		
		PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																		
DURHAM	EB-5708	NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT IN DURHAM. CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE.	0.6	99	99															
	DIV																			
		PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																		
DURHAM	EB-5835	SR 1171 (RIDDLE ROAD) TO CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN MISSING GAPS.	1.1	680		TAP					PE	84								
	DIV					L					PE	21								
						TAP								R	40					
						L								R	10					
						TAP														
						L														
														C	420					
														C	105					
		PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																		
DURHAM	EB-5834	HILLCREST DRIVE TO SR 1407 (WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES.	1.1	911		TAP					PE	94								
	DIV					L					PE	24								
						TAP								R	163					
						L								R	41					
						TAP										C	471			
						L										C	118			
		PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																		
DURHAM	EB-5514	SR 1116 (GARRETT ROAD) TO SR 1158 (CORNWALLIS ROAD) IN DURHAM. ADD BICYCLE LANES AND PEDESTRIAN IMPROVEMENTS.	3.1																	
	TRN																			
		PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																		

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DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED	
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS
COUNTY	NUMBER						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
BICYCLE AND PEDESTRIAN PROJECTS																		
ORANGE	SR 1005 (JONES FERRY ROAD)	EB-5880	DAVIE ROAD TO SR 1010 (WEST MAIN STREET) IN CARRBORO. CONSTRUCT SIDEWALK ON NORTH SIDE.	0.5	561		TAP	PE	71									
							L	PE	18									
							TAP				R	25						
							L				R	6						
							TAP					C	353					
							L					C	88					
							PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARRBORO											
DURHAM	SR 1158 (CORNWALLIS ROAD)	U-4724	SR 2295 (SOUTH ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD) IN DURHAM. BICYCLE AND PEDESTRIAN FEATURES.	1.2	5834	856	STBGDA	C	3854									
		TRN					L	C	1124									
							PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS											
ORANGE	SR 1780 (ESTES DRIVE)	EB-5886	SR 1772 (NORTH GREENSBORO STREET) IN CARRBORO TO NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATH, SIDEWALKS AND BICYCLE LANES.	1.7	4410		TAP	PE	562									
							L	PE	141									
							TAP				R	154						
							L				R	38						
							TAP					C	2812					
							L					C	703					
							PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CHAPEL HILL											
ORANGE	VARIOUS	U-4726	DURHAM-CHAPEL HILL-CARRBORO (DCHC) MPO. BICYCLE, PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS.		22426	10640	STBGDA	C	6970									
							L	C	2263									
							TAPDA	C	350	C	350	C	350	C	350	C	350	
												C	350	C	350	C	103	
							PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY OTHERS - IN PROGRESS; TAPDA FUNDING REFLECTS UNPROGRAMMED BALANCE - PROGRAMMING SUBJECT TO MPO APPROVAL											
ORANGE	BARNES STREET	EB-5890	KING STREET TO SR 1005 (JONES FERRY ROAD) IN CARRBORO. CONSTRUCT SIDEWALK.	0.2	292		TAP			PE	37							
							L			PE	9							
							TAP					R	13					
							L					R	3					
							TAP							C	184			
							L							C	46			
							PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CARRBORO											

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
						STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED		
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS		
BICYCLE AND PEDESTRIAN PROJECTS																			
BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL	EB-5833	KELLY BRYANT BRIDGE TO DREW-GRANBY PARK IN DURHAM. CONSTRUCT SHARED- USE PATH AND CONNECTING SIDEWALKS.	1.9	2511		TAP	PE	328											
						L	PE	82											
						TAP				R	42								
						L				R	10								
						TAP					C	1639							
						L					C	410							
DURHAM	DIV																		
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																			
BRYANT BRIDGE TRAIL	EB-5720	NC 55 TO KELLY BRYANT BRIDGE IN DURHAM. CONSTRUCT MULTIUSE PATH.	1.1	2218	291	TAP			C	1534									
						L	R	10		C	383								
DURHAM	DIV																		
TAP AND LOCAL FUNDS ADDED THROUGH TIP ADOPTION 11/8/17																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																			
DUKE BELTLINE TRAIL	EB-5904	PETTIGREW STREET TO AVONDALE DRIVE IN DURHAM. CONSTRUCT MULTIUSE TRAIL ON FORMER RAIL CORRIDOR.	1.8	11600		TAP	PE	600											
						L	PE	150											
						TAP	R	5680											
						L	R	1420											
						TAP				C	120								
						L				C	930								
						O				C	2700								
DURHAM	DIV																		
"O" FUNDING REFLECTS PUBLIC-PRIVATE PARTNERSHIP PARTICIPATION																			
LASALLE STREET	EB-5703	KANGAROO DRIVE TO SPRUNT AVENUE IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES FROM KANGAROO DRIVE TO US 70 BUSINESS (HILLSBOROUGH ROAD) AND ON ONE SIDE FROM HILLSBOROUGH ROAD TO SPRUNT AVENUE.	0.7	202	202														
DURHAM	DIV																		
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																			
MORGAN CREEK GREENWAY	EL-4828	WESTERN SECTION, SR 1919 (SMITH LEVEL ROAD) TO UNIVERSITY LAKE IN CARRBORO. CONSTRUCT GREENWAY AND CONNECTIONS.		1696	784	TAPDA	C	730	B										
						L	C	182	B										
ORANGE	TRN					TRN	A	PHASE 1											
						TRN	B	PHASE 2											
PLANNING, DESIGN, RIGHT OF WAY AND CONSTRUCTION BY TOWN OF CARRBORO - IN PROGRESS																			

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
						STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM						UNFUNDED						
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS							
BICYCLE AND PEDESTRIAN PROJECTS																								
ORANGE COUNTY BICYCLE ROUTE 1 ORANGE	EB-5721 DIV	CLELAND DRIVE TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE EXISTING OFF- ROAD PATH AND CONSTRUCT NEW SECTION OF PATH.	0.7	469		TAP	C	375																
						L	C	94																
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY TOWN OF CHAPEL HILL																								
RAYNOR STREET DURHAM	EB-5704 DIV	NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET IN DURHAM. CONSTRUCT SIDEWALK ON ONE SIDE OF STREET.	0.4	99	99																			
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																								
THIRD FORK CREEK TRAIL DURHAM	EB-5837 DIV	SOUTHERN BOUNDARIES PARK TO AMERICAN TOBACCO TRAIL IN DURHAM. CONSTRUCT SHARED USE PATH AND SIDEWALKS, AND INSTALL BEACON AT SR 1158 (CORNWALLIS ROAD) CROSSING.	1.6	3216		TAP	PE	407																
						L	PE	102																
						TAP					R	129												
						L					R	32												
						TAP							C	2037										
						L							C	509										
PLANNING / DESIGN / RIGHT OF WAY / CONSTRUCTION BY CITY OF DURHAM																								
PUBLIC TRANSPORTATION PROJECTS																								
CHAPEL HILL TRANSIT DURHAM	TA-5019A DIV	PARATRANSIT VEHICLES, BUS REFURBISHMENT, AND BUS SHELTERS.		685	685																			
IN PROGRESS BY CHAPEL HILL TRANSIT																								
CHAPEL HILL TRANSIT ORANGE	TA-4726A DIV	3 REPLACEMENT BUSES.		2235	2235																			
IN PROGRESS BY CHAPEL HILL TRANSIT																								
CHAPEL HILL TRANSIT ORANGE	TA-4979 HF	REPLACEMENT VAN		4061	2477	FUZ			CP	792									CP	792				
FUNDS AUTHORIZED IN PROGRESS																								
CHAPEL HILL TRANSIT ORANGE	TA-5200 HF	BUS REPLACEMENT PROJECT (C-5605C)		1400		CMAQ	CP	1120																
						L	CP	280																

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
COUNTY	NUMBER					FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
CHAPEL HILL TRANSIT	TA-4726	REPLACEMENT BUSES		51141	36603	FBUS														
						CP	1939	1939	1939	1939	1939	CP	1939							
						L	242	242	242	242	242	CP	242							
						S	242	242	242	242	242	CP	242							
ORANGE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
CHAPEL HILL TRANSIT	TA-4748	REPLACEMENT - PARATRANSIT VEHICLE		4421	3239	FBUS														
						CP	197	197	197	197	197	CP	197							
ORANGE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
CHAPEL HILL TRANSIT	TA-5143	PURCHASE SUPPORT AND PARATRANSIT VEHICLES		200	200	FBUS														
						L														
						S														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TD-5271	RENOVATE BUS RELATED FACILITIES		50	50	FBUS														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TD-4710B	FACILITY - PARK & RIDE		878	878	FBUS														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TG-5249	ROUTINE CAPITAL - RESURFACE PARK & RIDE LOTS		70	70	FBUS														
						L														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TG-5247	ROUTINE CAPITAL - RESURFACE PARK & RIDE LOTS		71	71	FBUS														
						L														
						S														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TG-5227	ROUTINE CAPITAL - PURCHASE BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SUPPORT VEHICLES, REPLACE/REPAIR LIFTS		329	329	FBUS														
						L														
ORANGE	HF																			
CHAPEL HILL TRANSIT	TG-5248	SURFACE PARK & RIDE LOTS		100	100	FBUS														
						L														
ORANGE	HF																			

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NON HIGHWAY PROGRAM**

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						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM							
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
PUBLIC TRANSPORTATION PROJECTS																		
CHAPEL HILL TRANSIT	TG-4732A	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC		3920	2300	FUZ	CP	432				CP	432					
ORANGE	HF					S	CP	108				CP	108					
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TG-4731B	PREVENTIVE MAINTENANCE		28557	16073	FUZ	O	2745		O	2945		O	1074		O	1074	
ORANGE	HF					L	O	686		O	736		O	269		O	269	
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TG-4732B	ROUTINE CAPITAL - SERVICE VEHICLE		888	692	FUZ										CP	157	
ORANGE	HF					L										CP	39	
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TM-5306	OPERATING ASSISTANCE - CONTINUATION OF SERVICE HOUR EXTENSIONA		144	144	JARC												
ORANGE	HF					L												
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TM-5305	OPERATING - NIGHT SERVICE		136	136	JARC												
ORANGE	HF					L												
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TM-5132	OPERATING ASSISTANCE		414	414	JARC												
ORANGE	HF					L												
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TO-5133	OPERATING ASSISTANCE		50081	28661	SMAP	O	3570		O	3570		O	3570		O	3570	
ORANGE	HF																	
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TQ-5104	EZ RIDER SENIOR SHUTLE		456	456	FEPD												
ORANGE	HF					L												
						FUNDS AUTHORIZED IN PROGRESS												
CHAPEL HILL TRANSIT	TQ-6104	EASY RIDER SENIOR SHUTTLE		240		FEPD	O	120										
ORANGE	HF					L	O	120										

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						STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED		
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS		
PUBLIC TRANSPORTATION PROJECTS																			
CHAPEL HILL TRANSIT ORANGE	TS-5106 HF	SAFETY & SECURITY - MIN. 1% SET ASIDE		294	294	FUZ	CP	0	CP	0	CP	0	CP		CP				
FUNDS AUTHORIZED IN PROGRESS																			
CHAPEL HILL TRANSIT ORANGE	TT-6107 HF	PURCHASE MOBILE DATA TERMINALS		80	80	L													
STBGDA																			
CHAPEL HILL TRANSIT ORANGE	U-5119A HF	ALTERNATIVE ANALYSIS - ENVIRONMENTAL ASSESSMENT, DESIGN, AND ENGINEERING		4220	2370	FED	PE	1160	PE	160	PE	160							
L PE 290 PE 40 PE 40																			
FUNDS AUTHORIZED IN PROGRESS																			
CITY OF DURHAM DURHAM	TM-5307 HF	CITY OF DURHAM PLANNING AND PROGRAM ADMINISTRATION OF 5316 JARC PROJECTS		90	90	JARC													
CITY OF DURHAM DURHAM	TN-5134 HF	CITY OF DURHAM PLANNING AND PROGRAM ADMINISTRATION OF 5317 NEW FREEDOM PROJECTS		14	14	FNF													
CITY OF DURHAM DURHAM	TQ-7002 HF	ADMINISTRATION OF SECTION 5310 PROGRAM		76	28	FEPD	AD	48											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-4923 DIV	REPLACEMENT BUS.		4023	4023														
IN PROGRESS BY DURHAM AREA TRANSIT AUTHORITY																			
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5144 HF	PURCHASE REPLACEMENT BUSES		800		FBUS	CP	640											
L CP 160																			
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5199 HF	BUS REPLACEMENT PROJECT (C-5605B)		2800	1400	CMAQ	CP	1120											
L CP 280																			
FUNDS AUTHORIZED IN PROGRESS																			
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5146 HF	BUS REPOWER - 3		354	177	FBUS	CP	142											
L CP 35																			
FUNDS AUTHORIZED IN PROGRESS																			

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5147	BUS REFURBISHMENT - 3		102	51	FBUS	CP	41												
						L	CP	10												
FUNDS AUTHORIZED IN PROGRESS																				
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5145	PURCHASE REPLACEMENT BUSES AND REPLACEMENT PARATRANSIT VEHICLES		424	98	FBUS	CP	260												
						L	CP	66												
DURHAM AREA TRANSIT AUTHORITY DURHAM	TG-4738	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.		9065	5501	CMAQ														
						FBUS														
						FUZ	CP	475	CP	475	CP	475	CP	475	CP	475				
						L	CP	119	CP	119	CP	119	CP	119	CP	119				
FUNDS AUTHORIZED IN PROGRESS																				
DURHAM AREA TRANSIT AUTHORITY DURHAM	TG-4958	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.		379	379	FUZ														
						L														
						STBGDA														
DURHAM AREA TRANSIT AUTHORITY DURHAM	TG-4738A	PREVENTIVE MAINTENANCE		51860	29360	FUZ	O	3000	O	3000	O	3000	O	3000	O	3000				
						L	O	750	O	750	O	750	O	750	O	750				
FUNDS AUTHORIZED IN PROGRESS																				
DURHAM AREA TRANSIT AUTHORITY DURHAM	TG-6178A	PURCHASE OF SERVICE		125		FEPD	CP	100												
						L	CP	25												
DURHAM AREA TRANSIT AUTHORITY DURHAM	TM-5310	EXPANDED SERVICE TO BRIER CREEK		462	462	JARC														
						L														
DURHAM AREA TRANSIT AUTHORITY DURHAM	TM-5304	CAPITAL - TRAVEL TRAINING		125	125	JARC														
						L														

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED	
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
DURHAM AREA TRANSIT AUTHORITY DURHAM ORANGE	TN-5102	OPERATING ASSISTANCE - NEW FREEDOM - URBAN		1764	1008	FNF	O	63	O	63	O	63	O	63	O	63	
						L	O	63	O	63	O	63	O	63	O	63	
						FUNDS AUTHORIZED IN PROGRESS											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TN-5132	CAPITAL- MEMBERSHIP IN GOTRIANGLE REGIONAL CALL CENTER		131	131	FNF											
						L											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TO-5130	OPERATING ASSISTANCE		39184	22348	SMAP	O	2806	O	2806	O	2806	O	2806	O	2806	
						FUNDS AUTHORIZED IN PROGRESS											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TO-5203	PARATRANSIT OPERATING (CAPITAL)		499	499	FUZ											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TO-5202	5307 OPERATING ASSISTANCE		524	524	FUZ											
						L											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TO-5130B	OPERATING ASSISTANCE - NEW ROUTE		3749	2374	CMAQ	O	1100									
						L	O	275									
DURHAM AREA TRANSIT AUTHORITY DURHAM	TP-5109	PLANNING ASSISTANCE - 5307		6262	3382	FUZ	CP	384	CP	384	CP	384	CP	384	CP	384	
						L	CP	48	CP	48	CP	48	CP	48	CP	48	
						S	CP	48	CP	48	CP	48	CP	48	CP	48	
						FUNDS AUTHORIZED IN PROGRESS											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TP-5108	PLANNING ASSISTANCE - 5303		1960	1120	FMPL	CP	112	CP	112	CP	112	CP	112	CP	112	
						L	CP	14	CP	14	CP	14	CP	14	CP	14	
						S	CP	14	CP	14	CP	14	CP	14	CP	14	
						FUNDS AUTHORIZED IN PROGRESS											
DURHAM AREA TRANSIT AUTHORITY DURHAM	TQ-3000	RESERVATION, SCHEDULING SY AND MOBILITY SERVICES		136	136	FEPD											
						L											

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
GO TRIANGLE TRANSIT DURHAM	TD-5273 EX	ROUEMONT PARK-AND-RIDE. PROFESSIONAL SERVICES AND PROPERTY ACQUISITION.		249	249												
IN PROGRESS BY TRIANGLE TRANSIT																	
GO TRIANGLE DURHAM	TD-5294 REG	NC 98 (HOLLOWAY STREET) TRANSIT CORRIDOR. CONSTRUCT ACCESS AND BUS STOP IMPROVEMENTS.		1166		FEDT				C	954						
							T				C	106					
							L				C	106					
GO TRIANGLE TRANSIT DURHAM	TD-5286 REG	GOTRIANGLE TRANSIT CORRIDORS. IMPROVEMENT OF ROXBORO TRANSIT CORRIDOR FROM DENFIELD STREET TO PETTIGREW STREET, DURHAM STATION ACCESS, STOP IMPROVEMENTS, AND BUS SHELTERS.		1590		FUZ					C	1272					
							T				C	159					
							L				C	159					
GO TRIANGLE ORANGE	TD-5295 REG	TOWN OF HILLSBOROUGH. CONSTRUCT PARK-AND-RIDE LOT.		1200		FEDT					C	960					
							T				C	120					
							L				C	120					
GO TRIANGLE TRANSIT DURHAM	TG-5255 REG	ESTABLISH NEIGHBORHOOD TRANSIT CENTERS IN DURHAM.															
REG B NEIGHBORHOOD TRANSIT CENTER IN SOUTH DURHAM IN CONNECTION WITH SOUTHPOINT PARK-AND-RIDE FACILITY.																	
REG E NEIGHBORHOOD TRANSIT CENTER IN SOUTHWEST DURHAM IN CONNECTION WITH PATTERSON PLACE T PARK-AND-RIDE FACILITY.																	
IN PROGRESS																	
GOTRIANGLE TRANSIT ORANGE WAKE	TA-6669 REG	PURCHASE EXPANSION VEHICLES FOR CRX ROUTE.		2431		FUZ	A	1945									
							T	A	243								
							L	A	243								
GOTRIANGLE TRANSIT DURHAM WAKE	TA-6668 REG	PURCHASE EXPANSION VEHICLES FOR DRX ROUTE.		2431		FUZ	A	1945									
							T	A	243								
							L	A	243								

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
GOTRIANGLE 400; 405; 420; 800; 805; CRX; FCX ORANGE	TD-5284	UNC HOSPITALS AREA IN CHAPEL HILL. CONSTRUCT NEIGHBORHOOD TRANSIT CENTER TRANSFER STATION.		360		FUZ			C	288							
						T			C	36							
						L			C	36							
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TA-6526	CAPITAL		5	5	FEPD											
						L											
						S											
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TQ-6165	MOBILITY MANAGEMENT		150	150	FEPD											
						L											
						S											
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TQ-3002	SENIOR TRANSPORTATION EXPANSION, ASSESSMENT AND MOBILITY MANAGER INCLUDING PURCHASE OF SERVICE		301	301	FEPD											
						L											
FUNDS AUTHORIZED IN PROGRESS																	
ORANGE PUBLIC TRANSIT ORANGE	TA-5226	CAPITAL FOR ORANGE PUBLIC TRANSPORTATION IN THE DURHAM CHAPEL HILL CARRBORO URBAN AREA - THROUGH NCDOT		20		FBUS	O	16									
						L	O	4									
ORANGE PUBLIC TRANSIT ORANGE	TD-5155	1 REPLACEMENT LTV (25') AND RADIO, VEHICLE LETTERING AND LOGOS, AND ON- BOARD CAMERA.		77	77												
IN PROGRESS BY ORANGE PUBLIC TRANSIT																	
ORANGE PUBLIC TRANSIT ORANGE	TO-5220	OPERATING ASSISTANCE FOR ORANGE PUBLIC TRANSPORTATION FOR SERVICE IN THE DURHAM CHAPEL HILL CARRBORO URBAN AREA - THROUGH NCDOT		130		FUZ	O	65									
						L	O	65									
TRIANGLE TRANSIT AUTHORITY DURHAM	TG-5235	Safety and Security- Cameras		171	171	L											
						STBGDA											

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											UNFUNDED FUTURE YEARS
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
PUBLIC TRANSPORTATION PROJECTS																	
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE	TA-5148	VANPOOL VANS - REPLACEMENT (8)		224	224	FBUS L											
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE	TA-5218	PURCHASE OF REPLACEMENT PARATRANSIT VEHICLES (3) AND RELATED EQUIPMENT (CAMPO)		282		FUZ CP 226 L CP 28 S CP 28											
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE	TA-5154	REPLACEMENT PARATRANSIT VEHICLES		269	269	L STBGDA											
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE	TA-5219	PURCHASE OF REPLACEMENT BUSES (5)		2350		FUZ CP 1880 L CP 235 S CP 235											
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE	TA-5225	PURCHASE OF REPLACEMENT BUS (1) AND VANPOOL VEHICLES (5) (CAMPO)		628		FBUS CP 502 L CP 63 S CP 63											
TRIANGLE TRANSIT AUTHORITY DURHAM	TA-5135	BUS REHABILITATION		277	277	FBUS L											
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE	TA-4818B	REPLACEMENT BUS		6491	4567	FUZ CP 770 L CP 96 S CP 96											

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NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
TRIANGLE TRANSIT AUTHORITY	TA-5123B	EXPANSION BUS		19546	14683	FUZ	CP	1351				CP	1351							
						L	CP	135				CP	135							
						S	CP	135				CP	135							
DURHAM	HF																			
ORANGE																				
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TD-5260	HILLSBOROUGH PARK AND RIDE - PLANNING/DESIGN/PE		237	237	L														
ORANGE	HF					STBGDA														
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TD-5267	MAINTENANCE FACILITY RENOVATION		94	94	FBUS														
DURHAM	HF					L														
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TG-5251	ROUTINE CAPITAL		277	277	FBUS														
DURHAM	HF					L														
ORANGE																				
WAKE																				
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TG-5250	SHOP EQUIPMENT		87	87	FBUS														
DURHAM	HF					L														
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TG-4821B	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC INCLUDES ADA, PM AND SERVICE VEHICLES		24490	12679	FUZ	CP	1573	CP	1575	CP	1575	CP	1575	CP	1575				
DURHAM	HF					L	CP	393	CP	394	CP	394	CP	394	CP	394				
ORANGE																				
WAKE																				
FUNDS AUTHORIZED IN PROGRESS																				
TRIANGLE TRANSIT AUTHORITY	TM-5311	SUNDAY ROUTES (400, 700, & 800)		470	470	JARC														
DURHAM	HF					L														
ORANGE																				
WAKE																				

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
FREIGHT RAIL PROJECTS																	
NORFOLK SOUTHERN	P-5710	CONSTRUCT GRADE SEPARATIONS AT BLACKWELL STREET CROSSING (735229N) AND US 15 / US 501 BUSINESS SOUTHBOUND (MANGUM STREET) CROSSING (735231P) IN DURHAM.		100000			T										
H LINE							T										
DURHAM	REG						O										
PROJECT REMOVED BY DCHC BOARD ON AUGUST 9, 2017																	

"O" FUNDING REFLECTS PARTICIPATION BY NORFOLK SOUTHERN CORPORATION

PASSENGER RAIL PROJECTS

VARIOUS	P-4405	PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.		10291	10291												
ALAMANCE	TRN																
CABARRUS																	
DAVIDSON																	
DURHAM																	
GUILFORD																	
MECKLENBURG																	
ORANGE																	
ROWAN																	
WAKE																	

IN PROGRESS

VARIOUS	U-4716	VARIOUS ROUTES AND NORFOLK SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD IN DURHAM AND MORRISVILLE, SOUTH OF I-40 TO NORTH OF MCCRIMMON PARKWAY. CONSTRUCT A GRADE SEPARATION AT SR 1978 (HOPSON ROAD), EXTEND CHURCH STREET TO HOPSON ROAD, CLOSE CHURCH STREET CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD, CONSTRUCT SECOND TRACK, AND WIDEN HOPSON ROAD FROM EAST OF SR 1999 (DAVIS DRIVE) TO NC 54.		36062	31776		O										
PIEDMONT CORRIDOR							O										
DURHAM																	
WAKE																	
<p>A NORFOLK SOUTHERN RAILROAD-NORTH CAROLINA RAILROAD. CONSTRUCT RAILROAD GRADE SEPARATION AND SHIFT RAIL LINE - PROJECT COMPLETE</p> <p>TRN B NORFOLK SOUTHERN RAILROAD / NC RAILROAD TO SR 1978 (HOPSON ROAD) REALIGN AND CLOSE CROSSING 734 748M OF THE NORFOLK SOUTHERN-NORTH CAROLINA RAILROAD - UNDER CONSTRUCTION</p> <p>C CLEGG TO NELSON. CONSTRUCT PASSING SIDING - UNDER CONSTRUCTION</p> <p>D SR 1978 (HOPSON ROAD), EAST OF SR 1999 (DAVIS DRIVE) TO NC 54, WIDEN TO MULTILANES</p>																	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
NON HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS	
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
PASSENGER RAIL PROJECTS																		
NCRR	P-5719	PIEDMONT SERVICE EXPANSION. PURCHASE 5 BI-LEVEL PASSENGER CARS.		18000		T	A	18000										
ALAMANCE	REG																	
CABARRUS																		
DAVIDSON																		
DURHAM																		
GUILFORD																		
MECKLENBURG																		
ORANGE																		
RANDOLPH																		
ROWAN																		
WAKE																		
NORFOLK SOUTHERN	P-5701	MILEPOST 41.7 IN HILLSBOROUGH. CONSTRUCT PLATFORM, PASSENGER RAIL STATION BUILDING, SITE ACCESS, UTILITIES AND PARKING.		8010	810	T												
H LINE						O												
ORANGE	DIV																	
PLANNING / DESIGN IN PROGRESS; COORDINATE WITH U-5848; "OTHER" FUNDING REFLECTS PARTICIPATION BY TRIANGLE TRANSIT																		
PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.		158562	158562													
ALAMANCE	EX																	
CABARRUS																		
DAVIDSON																		
DURHAM																		
GUILFORD																		
MECKLENBURG																		
ORANGE																		
RANDOLPH																		
ROWAN																		
WAKE																		

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STATEWIDE PROJECTS HIGHWAY PROGRAM

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED							
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS						
COUNTY	NUMBER						FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027								
INTERSTATE PROJECTS																								
VARIOUS	I-9999	INTERSTATE MAINTENANCE BALANCE.		306960		NHPIM	C	5000	C	5000	C	5000	C	5000	C	5000	C	5000						
STATEWIDE	SW											C	5000	C	5000	C	75460	C	96500	C	100000			
RURAL PROJECTS																								
VARIOUS	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		2750	250	T	R	250	R	250	R	250	R	250	R	250	R	250	R	250				
STATEWIDE	DIV																							
VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		4808	2308	T	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV			
						T	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE			
						T	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW			
STATEWIDE	SW																							
						DIV	DIV PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																	
						REG	REG PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																	
						SW	SW PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																	
VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		7130	2130	T	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV			
						T	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE			
						T	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW			
STATEWIDE																								
						DIV	DIV STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						REG	REG STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						SW	SW STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		4280	2680	T	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV			
						T	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE			
						T	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW			
STATEWIDE																								
						DIV	DIV HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						REG	REG HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						SW	SW HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
IN PROGRESS																								
VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV			
						T	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE			
						T	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW			
STATEWIDE																								
						DIV	DIV STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						REG	REG STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
						SW	SW STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																	
IN PROGRESS																								

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STATEWIDE PROJECTS HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																	
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																	
RURAL PROJECTS																																		
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20305	20305																													
IN PROGRESS																																		
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759																													
IN PROGRESS																																		
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		67523	37523		STBG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV						
IN PROGRESS																																		
DIV DIV NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS REG REG NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS SW SW NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS																																		
IN PROGRESS																																		
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		82759	72759		NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV			
IN PROGRESS																																		
DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION. REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION. SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION.																																		
URBAN PROJECTS																																		
VARIOUS STATEWIDE	M-0505 DIV	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3300	300		T	PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300				
FEASIBILITY STUDIES																																		
VARIOUS STATEWIDE	M-0452 SW	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064		T	PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200				

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

STATEWIDE PROJECTS HIGHWAY PROGRAM

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED														
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																		
BRIDGE PROJECTS																																			
VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		339692	229692	STBG	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV								
						STBG	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE								
						STBG	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW								
STATEWIDE						DIV	DIV	BRIDGE INSPECTION PROGRAM.																											
						REG	REG	BRIDGE INSPECTION PROGRAM.																											
						SW	SW	BRIDGE INSPECTION PROGRAM.																											
IN PROGRESS																																			
VARIOUS	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027																														
STATEWIDE	DIV																																		
IN PROGRESS																																			
VARIOUS	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.		1000	1000																														
STATEWIDE	REG																																		
IN PROGRESS																																			
VARIOUS	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.		1500	1500																														
STATEWIDE	DIV																																		
UNDER CONSTRUCTION																																			
VARIOUS	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		7747	7747																														
STATEWIDE	DIV																																		
UNDER CONSTRUCTION																																			
VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000																														
STATEWIDE	DIV																																		
IN PROGRESS																																			
VARIOUS	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		23151	23151																														
STATEWIDE						DIV	DIV	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																											
						REG	REG	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																											
						SW	SW	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																											
VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																														
STATEWIDE	DIV																																		
UNDER CONSTRUCTION																																			

DIV - Division Category	EX - Exempt Category
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STATEWIDE PROJECTS HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED											
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS											
BRIDGE PROJECTS																												
VARIOUS STATEWIDE	M-0379 DIV	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																							
IN PROGRESS																												
HIGHWAY SAFETY PROJECTS																												
VARIOUS STATEWIDE	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		223850			HSIP	C	3600	DIV	C	6750	DIV	C	7035	DIV	C	7110	DIV	C	7110	DIV						
							HSIP	C	3600	RE	C	6750	RE	C	7035	RE	C	7110	RE	C	7110	RE	C	7110	RE			
							HSIP	C	4800	SW	C	9000	SW	C	9380	SW	C	9480	SW	C	9480	SW	C	9480	SW			
							DIV	DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			
							REG	REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			
							SW	SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			
IN PROGRESS																												
VARIOUS STATEWIDE	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		6608	6608		DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																			
							REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																			
							SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																			
IN PROGRESS																												
VARIOUS STATEWIDE	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		71601	16601		HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV						
							HSIP	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE			
							HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW			
							DIV	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																			
							REG	REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																			
							SW	SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																			
IN PROGRESS																												
VARIOUS STATEWIDE	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		180736	82736		HSIP	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV						
							HSIP	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV			
							HSIP	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE			
							HSIP	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE			
							HSIP	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW			
							HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW			
							DIV	DIV	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.																			
							REG	REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.																			
							SW	SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.																			
IN PROGRESS																												

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HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

STATEWIDE PROJECTS HIGHWAY PROGRAM

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																		
						STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED														
COUNTY	NUMBER					FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																							
HIGHWAY SAFETY PROJECTS																																								
VARIOUS	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		17000	2000		HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV									
							HSIP	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE	C	450	RE									
							HSIP	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW	C	600	SW									
STATEWIDE							DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																															
							REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																															
							SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																															
IN PROGRESS																																								
VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																																			
STATEWIDE																																								
CONGESTION MITIGATION PROJECTS																																								
VARIOUS	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		5922			CMAQ	PE	235		PE	239																												
							L	PE	59		PE	60																												
							CMAQ	R	235		R	239																												
							L	R	59		R	60																												
							CMAQ	C	1407		C	1433																												
							L	C	352		C	358																												
							CMAQ	O	235		O	239																												
							L	O	59		O	60																												
							CMAQ	I	235		I	239																												
							L	I	59		I	60																												
STATEWIDE	EX																																							
VARIOUS	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702																																			
STATEWIDE	EX																																							
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																																								

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**STATEWIDE PROJECTS
HIGHWAY PROGRAM**

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
						STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED			
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS							
CONGESTION MITIGATION PROJECTS																								
VARIOUS	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		60260	18379	CMAQ	PE	1634	PE	1664														
						S(M)	PE	408	PE	416														
						CMAQ	R	1634	R	1664														
						S(M)	R	408	R	416														
						CMAQ	C	9803	C	9983														
						S(M)	C	2451	C	2496														
						CMAQ	O	1634	O	1664														
						S(M)	O	408	O	416														
						CMAQ	I	1634	I	1664														
						S(M)	I	408	I	416														
						S(M)	I	327	I	333														
STATEWIDE	EX																							
VARIOUS	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		4869	2994	CMAQ	OT	1500	C															
						L	OT	375	C															
STATEWIDE	EX					EX	A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS																
						EX	B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS																
						EX	C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.																
NORTH CAROLINA STATE UNIVERSITY STATEWIDE	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694		A	PHASE 2 OF IMPLEMENTATION																
								IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500			IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																
STATEWIDE STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		30000		CMAQ	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000				

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STATEWIDE PROJECTS HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED															
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																			
ENHANCEMENT (ROADSIDE PROJECTS)																																				
VARIOUS	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		42182	2182	STBG	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV									
						STBG	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE									
						STBG	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW									
STATEWIDE						DIV	DIV	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - DIVISION CATEGORY. - IN PROGRESS																												
						REG	REG	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - REGIONAL CATEGORY. - IN PROGRESS																												
						SW	SW	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - STATEWIDE CATEGORY. - IN PROGRESS																												
IN PROGRESS																																				
VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1312	612	T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV						
						T	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE						
						T	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW						
STATEWIDE						DIV	DIV	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
						REG	REG	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
						SW	SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
IN PROGRESS																																				
SAFE ROUTES TO SCHOOLS PROJECTS																																				
VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		13519	13519																															
STATEWIDE	DIV																																			
IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																																				
VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435																															
STATEWIDE	DIV																																			
IN PROGRESS																																				

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STATEWIDE PROJECTS NON HIGHWAY PROGRAM

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																						
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED								
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS								
BICYCLE AND PEDESTRIAN PROJECTS																									
VARIOUS STATEWIDE	E-4018 DIV	NATIONAL RECREATIONAL TRAILS.		12645	645	TAP	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200			
IN PROGRESS																									
VARIOUS STATEWIDE	EB-3314 TRN	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476																				
UNDER CONSTRUCTION																									
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.																							
IN PROGRESS																									
VARIOUS STATEWIDE	EB-5542 DIV	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	STBG	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000			
VARIOUS STATEWIDE	ER-2971 TRN	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408																				
IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E																									
PUBLIC TRANSPORTATION PROJECTS																									
GREYHOUND LINES STATEWIDE	TI-6108 HF	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE VIA WILMINGTON ALONG US 70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA WILMINGTON ALONG US 17		4081	4081	FNU																			
GREYHOUND LINES STATEWIDE	TI-6105 HF	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF																			
GREYHOUND LINES STATEWIDE	TI-6106 HF	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU																			
GREYHOUND LINES STATEWIDE	TI-6107 HF	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU																			

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STATEWIDE PROJECTS NON HIGHWAY PROGRAM

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
NCDOT FERRY DIVISION STATEWIDE	TA-6535	CAPITAL		789	789	FNF														
						S														
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	5579	FSPR	CP	600	CP	600	CP	600								
						S	CP	150	CP	120	CP	120								
FUNDS AUTHORIZED IN PROGRESS																				
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH														
STATEWIDE	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		18676	11823	FNU	CP	4262												
						L	CP	620												
						S	CP	1971												
STATEWIDE																				
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TA-6666	PURCHASE REPLACEMENT VEHICLES		3735	1527	FBUS	CP	1806												
						L	CP	201												
						S	CP	201												
STATEWIDE																				
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON- PROFIT AGENCIES ACROSS THE STATE		443	443	FNF														
STATEWIDE	HF																			
STATEWIDE	TC-5004	5311 ADTAP CAPITAL PROJECTS FOR RURAL AREAS		5129	2310	ADTAP	CP	2264												
						L	CP	278												
						S	CP	277												
STATEWIDE																				
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L														
						S														
STATEWIDE																				
FUNDS AUTHORIZED IN PROGRESS																				

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STATEWIDE PROJECTS NON HIGHWAY PROGRAM

ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
COUNTY	NUMBER					FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU														
						L														
						S														
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TK-6181	5311 ADMINISTRATIVE PROJECTS FOR RURAL AREAS		35682	17973	FNU	AD	13423												
						L	AD	2630												
						S	AD	1656												
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		561	330	ADTAP	AD	231												
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TK-4900Z	STATE ADMINISTRATION - RURAL AREA GENERAL PUBLIC TRANSIT SERVICES		19423	12180	FNU	AD	1743	AD	1100	AD	1100	AD	1100	AD	1100				
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC														
STATEWIDE	HF					L														
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU														
STATEWIDE	HF					L														
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU														
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		7551	3226	FEPD	CP	3459												
						L	CP	433												
						S	CP	433												
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

STATEWIDE PROJECTS NON HIGHWAY PROGRAM

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
						STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED			
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																				
STATEWIDE	TQ-9039	5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS		657	657	FEPD														
						L														
						S														
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		8670	4208	FEPD	O	2231												
						L	O	2231												
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TS-7000	DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO														
STATEWIDE	HF																			
STATEWIDE	TS-4900Z	STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT)		2285	1873	RTAP	AD	412												
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
STATEWIDE	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF														
						S														
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	4092	JARC	AD	500	AD	500	AD	500								
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3184	FNF	AD	386	AD	350	AD	350								
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				
SUB REGIONAL	TV-4903	STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)		9749	5930	FEPD	AD	569	AD	650	AD	650	AD	650	AD	650				
STATEWIDE	HF																			
FUNDS AUTHORIZED IN PROGRESS																				

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

STATEWIDE PROJECTS NON HIGHWAY PROGRAM

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																															
						STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED											
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																				
PASSENGER RAIL PROJECTS																																					
VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		12001	2001	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV					
						T	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE				
						T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW				
STATEWIDE						DIV	DIV	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
						REG	REG	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
						SW	SW	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31087	1087	RR	R	500		R	500		R	500		R	500		R	500	R	500		R	500		R	500		R	500						
						RR	C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500					
STATEWIDE						IN PROGRESS																															
VARIOUS	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		23316	23316																																
STATEWIDE						IN PROGRESS																															
VARIOUS	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		17500		RR																															
						RR																															
STATEWIDE						IN PROGRESS																															
VARIOUS	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7404	404	RR	R	500		R	500																										
						RR	C	3000		C	3000																										
STATEWIDE						IN PROGRESS																															
VARIOUS	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		10500		RR				R	500		R	500		R	500																				
						RR				C	3000		C	3000		C	3000																				
STATEWIDE						IN PROGRESS																															
NORTH CAROLINA RAILROAD	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456																																
STATEWIDE						IN PROGRESS																															

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

Draft FY2018-2027
Transportation Improvement Program

APPENDIX C: LOCAL INPUT POINTS

1. INTRODUCTION

According to U.S. Code 23 Section 134, Metropolitan Planning Organizations are required to develop a Transportation Improvement Program in cooperation with the State and public transportation providers through a performance-driven, outcome-based approach to planning. The TIP should contain projects consistent with the Metropolitan Transportation Plan (MTP) and should reflect the investment priorities established in the current MTP. There should be opportunity for public participation in developing the MTIP including consultation with state and local agencies responsible for land use management, natural resources, environmental protection, conservation and historic preservation as appropriate.

Furthermore, as a Transportation Management Area (TMA), according to U.S. Code 23 Section 134, all federally funded projects within the DCHC MPO (excluding projects carried out on the National Highway System) shall be selected for implementation from the approved TIP by the MPO in consultation with the State and any public transportation operator. Projects on the National Highway System shall be selected for implementation from the TIP by the State in cooperation with the MPO.

North Carolina's Strategic Transportation Investments (STI) legislation, passed in 2013, establishes a formula and process by which transportation funding is distributed across the State and across transportation modes. The outcome of the STI process is the draft State

Transportation Improvement Program. The STI legislation is applied uniformly across the state. The STI legislation requires the identification and submittal of potential transportation projects by NCDOT and the MPO, the evaluation of projects according to a NCDOT-developed quantitative scoring methodology, and the allocation of ranking points among certain projects by NCDOT and the MPO.

The DCHC MPO's Methodology for Ranking TIP Project Requests is the process that the MPO follows to develop the MPO's allocation of ranking points among projects for input to the STI process. The Methodology will also inform the MPO's development of the MTIP. The Methodology is designed to address the federal requirement that the TIP be consistent with the projects and investment priorities of the MTP while being compatible with the State's STI process.

2. ALLOCATION OF LOCAL INPUT POINTS

The full methodology is included in Chapter 2 of this MTIP. The tables on the following pages of this appendix present the allocation of local input points to transportation projects in the DCHC MPO that resulted from the implementation of the DCHC MPO's Methodology for Ranking TIP Project Requests.

Attachment to SPOT Resolution for Local Input Point for Regional Impact category projects

Total of 1800 points available for Regional Impact category

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
100***	SPOT P3.0 ID: T130035	Public transportation	D-O LRT	UNC Hospital in Chapel Hill	Alston Avenue in downtown Durham.	Fixed Guideway-Light Rail	D & C / 07 & 05	SPOT P3.0 Regional Score (RAW): 26.84	Regional Impact	\$455M**	Factors 1, 2, 4, 5, & 6
100	H149000-C	Highway	NC 54	SR 1110 (Barbee Chapel Road)	I-40	Widen Roadway to 6 Lanes with Bicycle, Pedestrian, and Transit Facilities (Adjacent Multiuse Path)	C / 05	49.92	Regional Impact	\$26.7M	Factors 1, 2, 3, & 6
0	H090366-B	Highway	US 15 , US 501	I-40, Mt. Moriah Rd, and SW Durham Dr Intersections		Improve Interchange Area including Mount Moriah Road and SW Durham Drive	C / 05	48.2	Statewide Mobility	\$195.3M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0	H111131	Highway	I-40	NC 147	US 15/501	Construct 1 Managed Lane Per Direction (Additional 16Ft of Pavement - 12Ft Lanes + 4Ft Pavement For Separation with General Purpose Lanes).	C / 05	47.3	Statewide Mobility	\$310.2M	Factors 1 & 3. Also, a toll study is underway. More information will be available from the toll study. The managed lanes projects are expensive projects and would be eligible for funding in the statewide tier in SPOT P5.0.
0	H111013	Highway	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	C / 05	46.52	Statewide Mobility	\$724.9M	Factors 1 & 3. Also, a toll study is underway. More information will be available from the toll study. The managed lanes projects are expensive projects and would be eligible for funding in the statewide tier in SPOT P5.0.
100	H149001-D	Highway	US 15 , US 501	US 15-501 / NC 54 interchange (Raleigh Road)	SR 1742 (Ephesus Church Road)	Construct capacity improvements and add sidewalks, wide-outside lanes, and transit accommodations.	D / 07	46.17	Statewide Mobility	\$32.4M	Factors 1, 2, 3 & 6
0	H150787	Highway	Morrisville Citywide Signal System			Construct city wide ITS/signal system	C / 05	45.97	Regional Impact	\$837,000	This project isn't in our MPO area so we aren't putting MPO Local Input Points on it.
100	H090010-AC	Highway	I-40	NC 86		Improve interchange	D / 07	45.84	Statewide Mobility	\$16.5M	Factors 1, 2, 3, 4, & 6.
0	H149000-F	Highway	I-40	NC 54/Farrington Road/Falconbridge Road		Improve Interchange at I-40 and NC 54, construct grade separation and slip ramp at Farrington Road, construct interchange at Falconbridge Road, and provide a connector between Farrington and Falconbridge Roads	C / 05	45.58	Statewide Mobility	\$94.1M	Factors 1 & 3. Also, this interchange area will be included in the study/design for the larger U-5774 TIP project. Not putting Regional points on it will not impact the schedule.
100	H149001-B	Highway	US 15 , US 501	US 15-501 / NC 86 interchange (South Columbia Street)	US 15-501 / NC 54 interchange (Raleigh Road)	Construct capacity improvements and add sidewalks, wide-outside lanes, and transit accommodations.	D / 07	45.48	Statewide Mobility	\$28.7M	Factors 1, 2, 3 & 6
0	H090366-A	Highway	US 15 , US 501	I-40	US 15/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	C / 05	45.37	Statewide Mobility	\$195.3M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
8	H149002	Highway	I-40	Aviation Parkway	I-540	Construct Auxiliary on I-40 Westbound between Aviation Parkway and Airport Blvd, and Airport Blvd and I-540; and I-40 Eastbound between Airport Blvd and Aviation Parkway	C / 05	45.26	Statewide Mobility	\$16.5M	Factors 1, 3, and 6. Also, only a very small segment of this project is located in the DCHC MPO area so very few points would be assigned to this project.
100	H149000-B	Highway	NC 54 (Raleigh Road)	US 15-501	SR 1110 (Barbee Chapel Road)	Upgrade Roadway to Superstreet with Bicycle and Pedestrian accommodations and construct interchange at Barbee Chapel Road	D & C / 07 & 05	45.18	Regional Impact	\$41.9M	Factors 1, 2, & 3.

**subject to STI legislation

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
100	H141779	Highway	Durham Citywide Signal System			Upgrade the City of Durham Signal System (inc. central servers, signal controller upgrades for FYA and transit priority, CCTV network, fiber optic communications network, etc.).	C / 05	45.07	Regional Impact	\$19.7M	Factors 1, 2, & 3.
0	H150786	Highway	NC 147	Duke Street (Exit 12C)	Briggs Avenue (Exit 10)	Operational improvements from Duke Street to Briggs Avenue	C / 05	44.65	Statewide Mobility	\$58M	Factors 1 & 3. This project is partially funded in the statewide tier. This will allow the project to be studied and move forward. Currently, not enough information is known about the specifics of this project for the MPO to assign points to it at this time.
100	H149001-A	Highway	US 15 , US 501	NC 54, NC 86 (South Columbia St)		Improve interchange	D / 07	43.85	Statewide Mobility	\$35M	Factors 1, 2, & 3.
100	H149000-H	Highway	NC 54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	43.1	Regional Impact	\$21.6M	Factors 1, 2, & 3.
100	H150228	Highway	I-85	NC 86		Construct new interchange to accommodate increased increased traffic & Diamond with 2-lane and 4-lane widened NC 86 on bridge with turn lanes.	D / 07	42.72	Statewide Mobility	\$16.4M	Factors 1, 2, 3, & 6.
0	H150968	Highway	NC 147	I-40	East End Connector	Add northbound and southbound auxiliary lanes: NB from either Cornwallis or TW Alexander to the EEC, and SB from the EEC to either Cornwallis or I-40. Request Congestion Management to determine the best configuration.	C / 05	42.61	Statewide Mobility	\$30M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
100	H140374-E	Highway	NC 54	SR 1937/SR 1107 Old Fayetteville Road		Improve intersection	D / 07	42.07	Regional Impact	\$1.2M	Factors 1, 3, 5 & 6.
0	H129638-C	Highway	US 70	SR 1959 (South Miami Blvd) / SR 1811 (Sherron Road)	Page Road Extension / New Leesville Road	Upgrade Roadway to Freeway.	C / 05	42	Statewide Mobility	\$151.2M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0	H150229	Highway	I-40	NC 147 (Durham Freeway)		Improve existing NC 147 Durham Freeway SE on-ramp to I-40 toward Raleigh. Ramp improvement only.	C / 05	41.42	Statewide Mobility	\$17M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
0***	H111011	Highway	NC 751 (Hope Valley Road)	NC 54	Southpoint Auto Park Blvd	Widen Roadway to Four Lanes with a Median with Bicycle, Pedestrian and Transit Facilities As Appropriate.	C / 05	41.13	Regional Impact	\$16.5M	Factors 1, 3, 6.
0	H090010-AB	Highway	I-40	NC 86	US 15/501	Add Additional Lanes.	D / 07	41.09	Statewide Mobility	\$47.4M	Factors 1 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0.
65	H140374-F	Highway	NC 54	SR 1006 (Orange Grove Rd)	SR 1937/1107 (Old Fayetteville Rd)	Operational improvements along the corridor with bicycle and pedestrian accommodations	D / 07	41.07	Regional Impact	\$3.9M	Factors 1, 3, 5 & 6.
35	H140374-D	Highway	NC 54	Neville Road		Improve intersection	D / 07	32.81	Regional Impact	937000	Factors 1, 3, 5 & 6.
0	H140374-A	Highway	NC 54	SR 1006 (Orange Grove Rd)	SR 1937/1107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	D / 07	40.85	Regional Impact	\$70.4M	Factors 2 & 5. This project is not in the MPO's 2040 MTP and it is not supported by the public or elected officials.

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
0	H110997	Highway	NC 147 (Durham Freeway)	I-40	East End Connector	Add Additional Travel Lanes and Rehabilitate Pavement.	C / 05	39.19	Statewide Mobility	\$158M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-J	Highway	NC 54	SR 1106 (Barbee Road)	NC 55	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	39.16	Regional Impact	\$30.6M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-A	Highway	NC 54 (Raleigh Road)	US 15-501		Improve Interchange	D / 07	38.62	Statewide Mobility	\$14.3M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-G	Highway	NC 54	I-40	NC 751	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	37.81	Regional Impact	\$32M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H090010-AA	Highway	I-40	I-85	NC 86	Add Additional Lanes.	D / 07	37.27	Statewide Mobility	\$97.3M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H129645	Highway	US 501 (Roxboro Road)	US 501 Bypass (Duke Street)	SR 1640 (Goodwin Road)	Widen to Six Lanes	C / 05	35.86	Regional Impact	\$49M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H129638-D	Highway	US 70	Page Road Extension / New Leesville Road in Durham County	Alexander Drive in Wake County	Upgrade Roadway to Freeway	C / 05	35.83	Statewide Mobility	\$81.8M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
0	H150716	Highway	I-540	I-40	I-495 (Knightdale Bypass)	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	C / 05	35.58	Statewide Mobility	\$97.2M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H111036	Highway	NC 86	US 70 Bypass	North of NC 57	Widen Roadway to Four Lanes with a Median and Improve intersections at US 70 Bypass and NC 57 .	D / 07	35.07	Regional Impact	\$34M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150345	Highway	I-85	West of Mt. Herman Church Road grade separation	west of Durham County Line	Widen one lane in each direction	D / 07	34.76	Statewide Mobility	\$53.4M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150278	Highway	NC 751	South Roxboro Rd	Woodcroft Parkway	NC 751 (S. Roxboro Rd to NC 54) Widen to 4 lane, bike lane and sidewalks. This project includes the realignment of the NC 751 & South Roxboro Road intersection. The realignment can't be entered using the SPOT Online tool.	C / 05	33.91	Regional Impact	\$5.1M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H149000-1	Highway	NC 54	SR 1118 (Fayetteville Road)	SR 1106 (Barbee Road)	Widen to Multi-Lanes with Bicycle, Pedestrian, and Transit Accommodations	C / 05	33.66	Regional Impact	\$33.6M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150227	Highway	NC 751	SR 1731 O'Kelly Chapel Road		Improve existing at-grade, skewed intersection. The existing alignment for this intersection makes turning from northbound NC 751 on to O'Kelly Chapel Road very difficult and unsafe for people who are not familiar with navigating the intersection. Turning from westbound O'Kelly Chapel Road to southbound NC 751 is also difficult and unsafe.	E / 08	33.03	Regional Impact	\$590,000	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150354	Highway	I-85	I-85/40 split	east of the NC 86 interchange	Widen to one lane in each direction and improve interchanges	D / 07	29.96	Statewide Mobility	\$107M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
0	H090555-A	Highway	NC 751	US 64	O'Kelly Chapel Road	Widen to 4 Lanes with Bicycle Lanes on Existing Location.	E / 08	29.45	Regional Impact	\$91.7M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150220	Highway	I-85 , US 15	E Club Blvd		Improve interchange. modernization of this interchange. The big concern is the pre-1970's design speed for the on- and off-ramps and merging. Not so much a congestion issue, but a safety issue.	C / 05	22.86	Statewide Mobility	\$20.7M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
0	H150292	Highway	US 70	US 70 Connector/ I- 85		Reconstruct Interchange to allow for full movements (install ramp from eastbound US 70 to Connector and from the Connector to westbound US 70). The improvement to the I-85/US 70 Connector, US 70 interchange area will alleviate the truck and automobile traffic that currently use SR-1004/Eland-Cedar Grove Road, Forest Ave, Mt. Willing Road to travel to I-40/I-85. Once traffic heads eastward past the Forest Ave intersection, there isn't an easy or direct way to get from US 70 south to I-40/I-85.	D / 07	14.63	Regional Impact	\$22.7M	The DCHC MPO assigned Local Input Points to Regional Impact projects beginning with Public Transportation, then Rail, and then Highway projects. The DCHC MPO used the quantitative scores as a basis for the ranking and then applied the MPO's Methodology to assign Local Input Points. All Local Input Points were assigned to projects that ranked higher than this project.
100	T150600	Public transportation	GoTriangle UNC Neighborhood Transit Center			Design and construction of NTC for a UNC Hospitals Neighborhood transit center transfer station.	D & C / 07 & 05	42.78	Regional Impact	\$36,000	Factors 1, 2, 3, 4, 5, & 6.
50	T150813	Public transportation	GoTriangle Garage Expansion			Upgrade garage facility. Doubling of existing facilities at 5120 Nelson Rd Morrisville Rd to ensure continuation of service if Wake County receives funding for operations expansion.	C / 05	41.8	Regional Impact	\$1.7M	Factors 1, 2, 3, 4, 5, & 6.
100	T150613	Public transportation	GoTriangle Future Rougemont Route			Improvement of Transit Corridors (Roxboro Transit corridor from Denfield St to Pettigrew St/Durham Station access and stop improvements, bus shelters). These improvements also serve GoDurham Routes 9a, 9b, and 4.	C / 05	39.46	Regional Impact	\$159,000	Factors 2 & 4.
50	T150797	Public transportation	GoTriangle DRX Expansion			Expansion vehicles purchased to increase frequency	C / 05	36.44	Regional Impact	\$243,105	Factors 2 & 4.

DCHC MPO Local Input Points	SPOT ID	Mode	Route/Facility Name	From/Cross Street	To/Cross Street	Project Description	Funding Region / Division	SPOT P4.0 Raw Score (Regional Category)	Funding Tier	Cost to NCDOT	Methodology/Reasoning for Points Assignment (or No Points)*
0	R141797	Rail	East Durham Siding & grade separations at Ellis (south), Glover, and Wrenn			Construct extension of East Durham Siding. Includes a combination of grade separations and closure at three crossings: Ellis Road - south end (734737A), Glover Road (734735L), and Wrenn Road (734736T).	C / 05	42.55	Statewide Mobility	\$49.2M	Factors 1, 2 & 3. This project is listed in the statewide tier. The DCHC MPO anticipates this project receiving funding in the statewide tier in SPOT P5.0. By not putting points on this expensive project, the MPO anticipates Ellis Road north grade separation, Cornwallis Road grade separation and five additional (5) public transportation projects being funded.
100	R140014	Rail	Ellis Road north grade separation			Grade separation at Ellis Road - north end crossing (735236V) in Durham.	C / 05	39.61	Statewide Mobility	\$4.5M	Factors 1, 2 & 3.
100	R150314	Rail	Cornwallis Road grade separation			Construct grade separation at Cornwallis Rd.	C / 05	38.22	Statewide Mobility	\$12M	Factors 1, 2 & 3.
50	T150454	Public transportation	GoTriangle Expansion Vehicles CRX Route			Five expansion vehicles purchased to increase frequency	C & D / 5 & 7	34.91	Regional Impact	\$243,105	Factors 2, 3, & 6.
24***	T150450	Public transportation	GoTriangle Holloway Street Transit Corridor Improvements			Holloway Street Transit Corridor, Transit Corridor improvements (access and stop improvements). GoDurham 3, 16, 16A, 16B	C / 05	34.16	Regional Impact	\$106,000	Factors 2, 3, & 6.
18	R150274	Rail	Piedmont			Purchase five new bi-level passenger cars for future Piedmont service between Raleigh and Charlotte	C & D & E / 5 & 7 & 8	34.64	Regional Impact	\$18M	Factors 2, 3, & 6.

***Contingent upon outcome of state budget process expected by June 30, 2016

DCHC MPO SPOT PRIORITIZATION 4.0: LOCAL INPUT POINTS FOR DIVISION NEEDS CATEGORY PROJECTS

Factors used to determine assignment of DCHC MPO Local Input Points for Division Needs Category Projects (from pg. 17 of the DCHC MPO's adopted Methodology)*

- 1 The likelihood of receiving funding through STI considering the amount of funding available within each Division or Region, historical funding levels for the mode, and the normalization limitations that NCDOT has adopted
- 2 The priorities of the current MTP including the adopted distribution of funding between modes and the planning horizon year of projects
- 3 The effect that receiving funding for a project may have on the likelihood of other projects being funded in the Division or Region considering the limitations set by the STI legislation
- 4 If the project is located within an area of overlapping Environmental Justice Communities of Concern identified in the MPO's 2014 Environmental Justice Report
- 5 Public input received during public input sessions
- 6 Geographic and jurisdictional balance

Division Points Guidelines from DCHC MPO Adopted Methodology

- 500 Public Transportation
- 300 Highway
- 200 Bicycle and Pedestrian
- 800 Flexible to any Mode

Actual Division Points Allocation

- 450 Public Transportation
- 550 Highway
- 800 Bicycle and Pedestrian

*These factors are used to determine the assignment of points and also to justify not assigning points to a particular project.

DCHC MPO Local Input Points	SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost To NCDOT	Division Needs Quantitative (Raw) Score (Out of 50)	Funding Region	Division(s)	County(s)	Methodology/Reasoning for Points Assignment (or No Points)
100	B150156	BikePed	Division Needs	Bryant Bridge North/Goose Creek West Trail	Bryant Bridge	Granby Park	Construct a shared use path and connecting sidewalks from the Kelly Bryant Bridge to Drew-Granby Park.	\$ 2,009,305	42.95	C	05	Durham	Factors 1, 2, 4
100	B141113	BikePed	Division Needs	NC 157 (Guess Road)	Hillcrest St	W Carver St	Construct sidewalks on both sides of Guess Rd. to fill in sidewalk gaps.	\$ 728,937	41.94	C	05	Durham	Factors 1, 2, 3, 5
100	B141100	BikePed	Division Needs	NC 55	Riddle Rd	Cecil St	Construct sidewalks on east side to fill in missing gaps.	\$ 543,600	41.79	C	05	Durham	Factors 1, 2, 3, 4, 5
100	B150153	BikePed	Division Needs	Jones Ferry Rd	Davie Rd	Main St	Construct sidewalk on the north side of the roadway	\$ 448,869	41.46	D	07	Orange	Factors 1, 2, 3, 6
100	B150144	BikePed	Division Needs	Third Fork Creek Trail	Southern Boundaries Park	American Tobacco Trail	Construct a shared use path from Southern Boundaries Park to Cornwallis Rd; construct sidewalks where needed from Cornwallis Rd to American Tobacco Trail; install HAWK beacon at Cornwallis Rd Crossing.	\$ 2,573,918	40.26	C	05	Durham	Factors 1, 2, 3, 4
100	B150621	BikePed	Division Needs	SR 1780 (Estes Drive)	NC 86 (Martin Luther King Jr. Blvd)	N. Greensboro Street	Construct multi-use side path and provide striped bike lanes along roadway. The Carrboro section of the project (from N. Greensboro Street to Carrboro Town Limits) includes sidewalks on both side instead of multi-use side paths.	\$ 3,528,826	36.75	D	07	Orange	Factors 1, 2, 3, 5, 6
100	B150664	BikePed	Division Needs	Duke Belt Line Trail	Pettigrew St	Avondale Ave	Construct a shared use trail on former rail corridor.	\$ 6,400,000	34.37	C	05	Durham	Factors 1, 2, 3, 4, 5
100	B150194	BikePed	Division Needs	Barnes St	Jones Ferry Rd	King St	Construct sidewalk on one side of the roadway.	\$ 232,907	32.29	D	07	Orange	Factors 1, 2, 3, 5, 6
100	H090637	Highway	Division Needs	SR 1118 (Fayetteville Road)	Woodcroft Pkwy	Barbee Road	Widen SR-1118 to a 4-Lane Divided roadway with bicycle lanes and sidewalks.	\$ 19,539,000	32.45	C	05	Durham	Factors 1, 2, 3
100	H090647	Highway	Division Needs	SR 1006 (New Route - Orange Grove Road)	SR 1006 (Orange Grove Road)	US 70A	Orange Grove Road Extension (Orange Grove Road to US 70) with Sidewalks and Bicycle Lanes. Construct grade separation at intersection of Orange Grove Road Extension and NCRR	\$ 4,379,000	28.66	D	07	Orange	Factors 1, 2, 3, 6
100	H150278	Highway	Regional Impact	NC 751	South Roxboro Rd	Woodcroft Parkway	NC 751 (S. Roxboro Rd to NC 54) Widen to 4 lane, bike lane and sidewalks. This project includes the realignment of the NC 751 & South Roxboro Road intersection.	\$ 5,189,000	26.50	C	05	Durham	Factors 1, 2, 3
100	H090200-A	Highway	Division Needs	SR 1009 (South Churton Street)	I-40	Eno River	I-40 to Eno River. Widen to Multi-Lanes with Landscaped Median, Bicycle Lanes, and Sidewalks, Widen Bridge No. 240 Over Southern Railroad, and reconstruct I-85 interchange.	\$ 49,751,000	25.53	D	07	Orange	Factors 1, 2, 6

DCHC MPO Local Input Points	SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost To NCDOT	Division Needs Quantitative (Raw) Score (Out of 50)	Funding Region	Division(s)	County(s)	Methodology/Reasoning for Points Assignment (or No Points)
100	H150227	Highway	Regional Impact	NC 751	SR 1731 O'Kelly Chapel Road		Improve existing at-grade, skewed intersection. The existing alignment for this intersection makes turning from northbound NC 751 on to O'Kelly Chapel Road very difficult and unsafe for people who are not familiar with navigating the intersection. Turning from westbound O'Kelly Chapel Road to southbound NC 751 is also difficult and unsafe. Turn lanes and realignment of this skewed intersection would improve travel time for people using the turn lanes and would improve safety for everyone.	\$ 590,000	23.95	E	08	Chatham	Factors 1, 2, 3, 5, 6
25	H150280	Highway	Division Needs	SR 1006 (Orange Grove Road)	SR 1148 (Eno Mountain Road)/SR 1192 (Mayo Street)		Construct new section of SR 1184 (Eno Mountain Road) to align with SR 1192 (Mayo Street) and install signal.	\$ 1,650,000	17.56	D	07	Orange	Factors 1, 2, 3, 5, 6. The DCHC MPO is limited to 1800 total points. This project's raw score was less than 20 and is considered not as competitive as the higher scoring projects. Therefore, DCHC MPO assigned as many points as possible, given the limited number of points available. The DCHC MPO's Methodology states, "Allocation of the MPO's Local Input Points is based on a combination of the raw quantitative scores from NCDOT, the review of project eligibility factors, and qualitative factors that reflect established regional goals and objectives. The DCHC MPO's methodology is designed to maximize the number of projects that could be competitive for funding and that also meet the DCHC MPO's goals and objectives for the MPO region. "
25	H140638	Highway	Division Needs	Elliott Rd	US 15/501 (Fordham Blvd)	Ephesus Church Rd	Construct extension of existing roadway (Elliott Rd) on new location between Ephesus Church Rd and US 15/501. The primary benefit of the new segment of road is to alleviate traffic at the intersection of US 15/50 & Ephesus Church Road, as well as congestion on US 15/501 between Ephesus Church and Elliott. The evaluation of the benefit should take into consideration the future traffic reduction and the intersection LOS at US 15/501/Ephesus Church, and the future LOS at the Elliott/US 15/501 inter	\$ 7,600,000	14.09	D	07	Orange	Factors 1, 2, 3. The DCHC MPO is limited to 1800 total points. This project's raw score was less than 20 and is considered not as competitive as the higher scoring projects. Therefore, DCHC MPO assigned as many points as possible, given the limited number of points available. The DCHC MPO's Methodology states, "Allocation of the MPO's Local Input Points is based on a combination of the raw quantitative scores from NCDOT, the review of project eligibility factors, and qualitative factors that reflect established regional goals and objectives. The DCHC MPO's methodology is designed to maximize the number of projects that could be competitive for funding and that also meet the DCHC MPO's goals and objectives for the MPO region. "
100	T150453	Transit	Division Needs	Fayetteville St Transit Corridor Improvements			Fayetteville St Transit Corridor; Transit Corridor improvements (access and stop improvements, bus shelters) GoDurham5, 5K, 7, 14; GoTriangle 800, 805	\$ 265,000	20.74	C	05	Durham	Factors 1, 2, 3, 6
100	T150449	Transit	Division Needs	Village Neighborhood Transit Center			Design and Construction of NTC: Village Neighborhood Transit Center. GoDurham 2B, 3, 16, 16A, 16B.	\$ 85,800	20.28	C	05	Durham	Factors 1, 2, 3, 6
100	T150711	Transit	Division Needs	Bus Rapid Transit (BRT) system along Martin Luther King, Jr Blvd and 15/501 South			Chapel Hill Transit North South Corridor BRT Project (formerly Alternatives Analysis) - Bus Rapid Transit along Martin Luther King Jr. Blvd and South Columbia Streets, between Eubanks Park-and-Ride and Southern Village.	\$ 24,200,000	19.00	D	07	Orange	Factors 1, 2, 3, 5, 6

DCHC MPO Local Input Points	SPOT ID	Mode	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Cost To NCDOT	Division Needs Quantitative (Raw) Score (Out of 50)	Funding Region	Division(s)	County(s)	Methodology/Reasoning for Points Assignment (or No Points)
100	T130009	Transit	Division Needs	Chapel Hill Transit FY20 MLK CorridorVeh2Expansion			Four additional buses (4) will be introduced along the Martin Luther King Jr. - South Columbia ? 15/501 corridor (T Route, NU Route, A Route, NS Route). Improvements will include headway reduction and amenity improvements along the corridor.	\$ 318,385	16.82	D	07	Orange	Factors 1, 2, 3
50	T130038	Transit	Division Needs	Chapel Hill Transit FY2017 Route F, Route CW, Route J Vehicle Expansion			This project will add additional peak hour service for 1 year on route F (Colony Woods, Franklin St. and McDougle School) in response to ridership growth, resulting in headway reduction . This route provides 240,627 rides a year. Additional peak hour service on buses to the existing CW route (Carrboro, Jones Ferry Park and Ride and Weaver St) in response to ridership growth, resulting in headway reduction. This project will add additional peak hour service on the J Chapel Hill Transit Route.	\$ 167,068	16.48	D	07	Orange	Factors 1, 2, 3. The DCHC MPO's adopted Methodology states, "Allocation of the MPO's Local Input Points is based on a combination of the raw quantitative scores from NCDOT, the review of project eligibility factors, and qualitative factors that reflect established regional goals and objectives. The DCHC MPO's methodology is designed to maximize the number of projects that could be competitive for funding and that also meet the DCHC MPO's goals and objectives for the MPO region. " The DCHC MPO's adopted Methodology requires the MPO to consider the SPOT quantitative (raw) score when assigning Local Input Points. This project's raw score was less than 20 and is considered not as competitive as the higher scoring projects. DCHC MPO followed the direction of the adopted Methodology and assigned as many points as possible, given the limited number of points available to the MPO and considering the project's quantitative (raw) score.

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APPENDIX D: PUBLIC INVOLVEMENT

1. INTRODUCTION

Public involvement for the FY2018-2027 MTIP involves efforts as set forth by the DCHC MPO's adopted Public Involvement Policy. The DCHC MPO facilitated the public involvement process to spread awareness of the MTIP and to ensure a variety of local perspectives containing essential insight were appropriately obtained and documented in the MTIP. Various mediums and resources were constructed so that all residents and stakeholders in DCHC MPO area had the opportunity to review the draft FY2018-2027 MTIP and provide input.

2. DCHC MPO'S PUBLIC INVOLVEMENT POLICY

2.1 Introduction

The DCHC MPO's Public Involvement Policy (PIP) is an umbrella policy, encompassing the plans and programs of the Urban Area's transportation planning process. Public involvement is an integral part of the DCHC MPO's planning efforts. The Public Involvement Policy is comprised of the public involvement programs for all major planning activities, including the MTP, MTIP, Air Quality Conformity Determination, Major Investment Study (MIS), UPWP, MPO provisions for the American with Disabilities Act (ADA), and ongoing transportation planning (3-C) process. The policy decision-making body, the MPO Board, also has a standing public process as part of its monthly meetings. The planning activities mentioned above are therefore

subject to the Board's process for public involvement. The PIP also contains a review component to assess the value of the MPO programs on a triennial basis.

The DCHC MPO seeks public input through a menu of techniques, including public notices, comment periods, workshops, charrettes, public hearings, newsletters, surveys, media relations and input from committees and commissions that are appointed by local member governments. The techniques employed will vary depending on the specific planning task. DCHC MPO's PIP is consistent with the requirements FAST Act, the National Environmental Policy Act (NEPA) and the FTA/FHWA Guidance and Proposed Rule Making (NRM) on Public Participation.

2.2 Purpose of the PIP

The purpose of the DCHC MPO PIP Policy is to create an open decision-making process whereby citizens have the opportunity to be involved in all stages of transportation planning in the DCHC MPO area. This PIP is designed to ensure that transportation decisions will reflect public priorities.

2.3 Objectives of the PIP

1. Bring a broad crosssection of the public into the public policy and transportation planning decision-making process.
2. Maintain public involvement from the early stages of the planning

process through detailed project development.

3. Use different combinations of public involvement techniques to meet the diverse needs of the general public.
4. Determine the public's knowledge of the metropolitan transportation system and the public's values and attitudes concerning transportation.
5. Educate citizens and elected officials in order to increase general understanding of transportation issues.
6. Make technical and other information available to the public using the MPO web site and other electronically accessible formats and means as practicable.
7. Employ visualization techniques to MPO metropolitan transportation plans, MTIPs, and other project planning activities.
8. Consult with federal and State agencies responsible for land management, natural resources, environmental protection, conservation, historic preservation and economic development in the creation of MTPs, MTIPs, and project planning.
9. Establish a channel for an effective feedback process.
10. Evaluate the public involvement process and procedures to assess their success at meeting requirements specified in the FAST Act, NEPA, and the Interim FTA/FHWA Guidance on Public

Participation.

2.4 General Policy Framework

It is the policy of the DCHC MPO to have a proactive public involvement process that provides complete information, timely public notice, and full public access to DCHC MPO activities at all key stages in the decision-making process. It is also DCHC MPO policy to involve the public early in the planning process, and to actively seek out the involvement of communities most affected by particular plans or projects. Furthermore, it is a goal of the PIP that the MPO's MTIP, UPWP and transportation plans and programs, be developed in a manner that assures that the public, and affected communities in particular, are afforded ample opportunity to participate in the development of such plans.

3. PUBLIC INVOLVEMENT FOR THE METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP)

The MTIP is the document that describes the funding and scheduling of transportation improvement projects (highway, bicycle, pedestrian, and transit capital and operating assistance) using state and federal funds. The MTIP serves as the project selection document for transportation projects and is therefore the implementation mechanism by which the objectives of the Transportation

Plan are reached. The FAST Act, and the DCHC MPO PIP, mandate an opportunity for public review of the draft MTIP. The following is the public involvement procedure for the DCHC MPO MTIP.

3.1 Introduction

DCHC MPO will prepare an MTIP, which is consistent with the requirements of the FAST Act, and any implementing federal regulations. The MTIP will be developed based on:

1. Revenue estimates provided by the NCDOT;
2. Projects identified in the MTP; and
3. Regional and Local priorities as identified by DCHC MPO member jurisdictions.

Public Involvement Process

1. The DCHC MPO Technical Committee (TC) will develop a draft Regional Priority List from the Local Project Priorities of the MPO jurisdictions.
2. The MPO Technical Committee and Board reviewed the draft Regional Priority List. The Regional Priority list was published and public comment welcomed.
3. The DCHC MPO developed a draft MTIP from the approved Regional Priority List and from revenue estimates provided by the North Carolina Department of Transportation. The TC will forward the draft MTIP to the MPO Board. The MPO Board will publish

the draft MTIP for public review and comment.

4. Copies of a draft MTIP will be distributed to MPO Board members and the transportation-related committees of MPO member jurisdictions. Each jurisdiction will also have copies available for public review.
5. The public comments will be assembled and presented to the DCHC MPO Board. The MPO Board will hold a public hearing on the draft MTIP. The public hearing will be held at a location which is accessible to persons with disabilities and which is located on a transit route. Public comments will be addressed and considered in the adoption of the MTIP.
6. The DCHC MPO, as a maintenance area for air quality, will provide additional opportunity for public comment on the revision of the draft MTIP (if the final MTIP is significantly different and/or raises new material issues).
7. The process for updating and approving the MTIP will follow the sequence and procedure as described in Appendix C of this MTIP.
8. Amendments to MTIP will be available for public review and comment, if the amendment makes a substantial change to the MTIP. A substantial change is classified as the addition or deletion of a project with an implementation cost exceeding \$1 million. Public comment on project additions or deletions of less than \$1 million may be sought at the discretion

of the MPO Board by majority vote. As long as a project’s description, scope, or expected environmental impact have not materially changed, the MPO Board may approve changes to project funding without a separate public meeting. More information on the MTIP amendment or modification process is available in Appendix C of this MTIP document.

9. Written public comments and their responses will be published as part of this appendix when the final MTIP document is adopted.

4. SUMMARY OF PUBLIC INPUT AND COMMENTS RECEIVED ON THE DRAFT MTIP

General Comments

Comment #1

DCHC MPO Response to Comment #1:

Specific Project Comments

Comment #1

DCHC MPO Response to Comment #1

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**APPENDIX E: MTIP AMENDMENT &
MODIFICATION PROCESS**

1. INTRODUCTION

Amendments to the MTIP are necessary to add a new project or phase, modify a currently programmed project (limits of project or significant monetary change), or delete a programmed project. Amendments to projects in the MTIP can be initiated by the DCHC MPO or by the NCDOT. The DCHC MPO and NCDOT communicate and coordinate during the development of amendments to ensure the amendment process moves forward efficiently and does not cause project delays.

2. DCHC MPO PUBLIC INVOLVEMENT POLICY

The DCHC MPO adopted Public Involvement Policy (PIP) fully details the process and requirements for amending or modifying the MTIP.

2.1 Amendments

An amendment to the MTIP occurs when a substantial change is made to the MTIP. A substantial change is defined in the PIP as the addition or deletion of a project with an implementation cost exceeding \$1 million.

Actions Steps Required for an Amendment to the MTIP:

1. MPO LPA staff prepare the draft amendment.
2. MPO LPA staff present the draft amendment to the MPO TC for review and comment during the MPO TC meeting.
3. The MPO TC reviews the amendment, provide comments, and recommend the amendment (with any revisions to reflect comments) to the MPO Board.
4. The MPO Board receives a presentation of the draft amendment during their monthly meeting and reviews the amendment. The MPO Board provides any comments to LPA staff and approves the release of the draft amendment (with any revisions to reflect comments), for the 21-day public review and comment period.
5. MPO LPA staff release the draft amendment for public review and comment as defined in Section IV.D of the DCHC MPO PIP.
6. MPO LPA staff receive public comments and compile the comments into a summary report at the end of the comment period.
7. MPO LPA staff present the summary report to the MPO TC for review during the MPO TC meeting.
8. The MPO TC reviews comments received and recommends the amendment for approval by the MPO Board.
9. MPO LPA staff present the revised amendment to the MPO Board during their monthly Board meeting.
10. The MPO Board reviews the amendment and public comments received on the amendment during the public comment period.

11. The MPO Board holds a public hearing during the MPO Board meeting to hear comments from any members of the public in attendance during the meeting and wish to comment on the amendment.
12. After public comments are received during the public hearing, the MPO Board closes the public hearing. The MPO Board discusses all comments received and when the MPO Board is satisfied that the comments have been addressed, the MPO Board approves the amendment to the MTIP. A resolution of approval is signed by the MPO Board Chair.
13. MPO LPA staff submit the resolution of approval and the amendment to NCDOT. NCDOT begins the amendment approval process with the NCDOT Board of Transportation to incorporate the amendment into the NCDOT's STIP.
14. Approved MTIP amendments are posted to the DCHC MPO's website.
2. MPO LPA staff present the draft administrative modification to the MPO TC for review and comment during the MPO TC meeting.
3. The MPO TC reviews the administrative modification, provides comments, and recommends the modification (with any revisions to reflect comments) be considered for approval by the MPO Board.
4. The MPO Board receives a presentation of the administrative modification during their monthly meeting and reviews the modification.
5. The MPO Board may approve the administrative modification or choose to hold a public hearing. The decision to seek public comments on an administrative modification is decided by a MPO Board majority vote.
6. Once the MPO Board is satisfied with the administrative modification, the MPO Board approves the modification to the MTIP. A resolution of approval is signed by the MPO Board Chair.

2.2 Administrative Modifications

An administrative modification to the MTIP occurs when a minor change is made and implementation costs do not exceed \$1 million.

Actions Steps Required for an Administrative Modification to the MTIP:

1. MPO LPA staff prepare the draft administrative modification.
7. MPO LPA staff submit the resolution of approval and the administrative modification to NCDOT. NCDOT begins the approval process with the NCDOT Board of Transportation to incorporate the modification into the NCDOT's STIP.
8. Approved MTIP amendments are posted to the DCHC MPO's website.

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APPENDIX F: GLOSSARY OF ACRONYMS & TERMS

1. DEFINITIONS OF COMMONLY USED ACRONYMS

ADT	Average Daily Traffic
AADT	Annual Average Daily Traffic
AM/FM	Automated Mapping/Facilities Management
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act (1990)
AFV	Alternate Fuel Vehicle
AMPO	Association of Metropolitan Planning Organizations
APTA	American Public Transportation Association
BG MPO	Burlington-Graham Metropolitan Planning Organization
BOT	Board of Transportation (NCDOT)
CAA	Clean Air Act (1970)
CAAA	Clean Air Act Amendments of 1990 (United States)
CAD	Computer Aided Design
CAMPO	Capital Area Metropolitan Planning Organization
CATS	Capital Area Transit System
3-C	Continuing, Cooperative, Comprehensive
CFR	Code of Federal Regulations
CHT	Chapel Hill Transit
CIP	Capital Improvement Program
CMAQ	Congestion Mitigation/Air Quality grant program
CO	Carbon Monoxide
CO2	Carbon Dioxide
C-O CRC	Chatham-Orange Community Resource Connection
CTN	Chatham Transit Network
CTP	Comprehensive Transportation Plan
CTSP	Community Transportation Service Plan
CTRAN	Cary Transit System

Acronyms	Definitions
DAQ	Division of Air Quality (North Carolina)
DBE	Disadvantaged Business Enterprise
DATA	Durham Area Transit Authority
DCHC MPO	Durham-Chapel Hill -Carrboro Metropolitan Planning Organization
DEIS	Draft Environmental Impact Statement
DENR	Department of Environment and Natural Resources (North Carolina)
DMV	Division of Motor Vehicles
DOT	Department of Transportation (North Carolina)
EA	Environmental Assessment
EAC	Early Action Compact (EPA)
EIS	Environmental Impact Statement
E+C	Existing Roads plus Committed Projects
EJ	Environmental Justice
EPA	U. S. Environmental Protection Agency
ERB	Environmental Review Board (Chatham County)
FAA	Federal Aviation Administration
FFY	FFederal Fiscal Year (Oct 1 - Sept 30)
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GARVEE	Grant Anticipation Revenue Vehicle
GBASE	Green Building and Sustainable Energy Board (Chatham County)
GIS	Geographic Information Systems
GISP	GIS Professional
GIS-T	Geographic Information Systems-Transportation

1. DEFINITIONS OF COMMONLY USED ACRONYMS - (CONT'D)

GPS	Global Positioning System
HBO	Home Based Other (trip purpose)
HBS	Home Based Shopping (trip purpose)
HBW	Home Based Work (trip purpose)
HOT	High Occupancy Toll and Vehicle
HOV	High Occupancy Vehicle
HRRR	High Risk Rural Road
HSIP	Highway Safety Improvement Plan
ISO/TC 211	International Standards Organization Geographic Information/Geomatics Standard
I/M	Inspection/Maintenance
ISTEA	Intermodal Surface Transportation Efficiency Act (1991)
ITRE	Institute for Transportation Research and Education (NC State)
ITS	Intelligent Transportation Systems
JARC	Job Access and Reverse Commute (FTA program, Section 5316)
KT RPO	Kerr-Tar Rural Transportation Planning Organization
LOS	Level-of-Service
LPA	Lead Planning Agency
L RTP	Long Range Transportation Plan (LRTP)
MAP 21	Moving Ahead for Progress in the 21st Century Act (current federal law)
MIS	Major Investment Study
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MSA	Metropolitan Statistical Area
MTIP	Metropolitan Transportation Improvement Program
MTP	Metropolitan Transportation Plan
MUTCD	Manual on Uniform Traffic Control Devices
NAAQS	National Ambient Air Quality Standards
NADO	National Association of Development Organizations

Acronyms	Definitions
NCAMPO	North Carolina Association of Metropolitan Planning Organizations
NCARPO	North Carolina Association of Rural Planning Organizations
NCDOT	North Carolina Department of Transportation
NCPTA	North Carolina Public Transportation Association
NCTA	North Carolina Turnpike Authority
NEPA	National Environmental Policy Act (1969)
NHB	Non Home Based (trip purpose)
NHS	National Highway System
NOx	Nitrogen Oxides
OUTBoard	Orange Unified Transportation Advisory Board (Orange County)
PDEA	Project Development and Environmental Analysis Branch (NC DOT)
PM 2.5	Particulate Matter, 2.5 micrometers
PIP	Public Involvement Policy
PPP	Public Private Partnership
PTD	Public Transportation Division (NCDOT)
PUD	Planned Unit Development
RGP	Rural General Public (Transit)
ROAR	Rural Operating Assistance Program (Transit)
ROW	Right-Of-Way
RPO	Rural Transportation Planning Organization
RSA	Road Safety Audit
RTF	Research Triangle Foundation
RTP	Research Triangle Park
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SIP	State Implementation Plan (for air quality)
SOV	Single Occupancy Vehicle

1. DEFINITIONS OF COMMONLY USED ACRONYMS - (CONT'D)

Acronyms	Definitions
SPOT	Strategic Planning Office of Transportation (NCDOT)
SRTS	Safe Routes to School
STAC	Special Transit Advisory Commission
STBG	Surface Transportation Block Group (formerly STP)
STBGDA	Surface Transportation Block Group - Direct Attributable (formerly STP-DA)
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
STP-DA	Surface Transportation Program-Direct Attribution
TAB	Transportation Advisory Board (Chatham County)
TARPO	Triangle Area Rural Transportation Planning Organization
TAZ	Traffic Analysis Zone
TC	Technical Committee (local staff)
TCM	Transportation Control Measure
TDM	Travel Demand Management
TEA	Transportation Enhancement Activity
TEA-21	Transportation Equity Act for the 21st Century
TIA	Traffic Impact Analysis
TIGER	Topologically integrated geographic encoding and referencing (Census GIS data files)
TIP	Transportation Improvement Program
TJCOG	Triangle J Council of Governments
TMA	Transportation Management Area
TOD	Transit Oriented Development
TPB	Transportation Planning Branch (NCDOT)
TRM	Triangle Regional Model
TSM	Transportation System Management
TTA	Triangle Transit Authority
UAB	Urbanized Area Boundary

Acronyms	Definitions
UPWP	Unified Planning Work Program
USC	United States Code
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VHT	Vehicle Hours of Travel
VMT	Vehicle Miles of Travel
VOC	Volatile Organic Compounds
VPD	Vehicles per Day
V/C	Volume-to-Capacity Ratio
WCS	Web Coverage Service
WFS	Web Feature Service
WMS	Web Map Service
WPS	Web Processing Service
WMTS	Web Map Tile Service

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/ State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
APD	Appalachian Development Highway Program	The ARC and FHWA funds may be used for the construction, reconstruction, or improvement of highways on the designated 3,090 mile ADHS. MAP-21 Section 1108 amends 23 U.S.C. 133 and makes STP funds eligible for the “construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for highways, including construction of designated routes of the Appalachian development highway system and local access roads under section 14501 of title 40.” NHPP funds may also be eligible if the facility meets the requirements of that program.	100/0/0	pages 15-17 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
Bond R	Revenue Bond	The Federal-aid Highway Act of 1950 (Public Law 81-769) made provisions for a State to claim Federal reimbursement for the retirement of bonds used for certain highway purposes. This was codified in 23 U.S.C. 122. A State that used the proceeds of bonds for the construction of Primary, Interstate, or Urban Extension projects, or Interstate Substitute highway projects could claim Federal reimbursement on that portion of the bond proceeds used to retire the bonds. [Section 107(f) of the Surface Transportation Assistance Act (STAA) of 1982 added substitute highway projects approved under 23 U.S.C. 103(e)(4) as eligible bond issue projects]	100/0/0	pages 19-21 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
CMAQ	Congestion Mitigation and Air Quality	Formula funding which implementers compete for funding based on projects air quality benefit and ability to implement projects, All CMAQ projects must demonstrate the three primary elements of eligibility: transportation identity, emissions reduction, and location in or benefiting a nonattainment or maintenance area.	80/0/20	pages 24-25 of the 'Guide to Federal-Aid Programs and Projects' by FHWA

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
DP	Demonstration, Priority, and Special Interest Projects	<p>"From 1970 until passage of the Intermodal Surface Transportation Efficiency Act of 1991 (1991 ISTEA, Public Law 102-240), Congress authorized more than 450 demonstration, priority, pilot, or special interest projects in various Federal-aid highway and appropriations acts. These projects were generically referred to as ""demonstration"" or ""demo"" projects, because Congress initiated this practice of providing special funding for these projects to demonstrate some new or innovative construction, financing, or other techniques on specific projects. The first demonstration projects were rail-highway crossings safety projects authorized on the Northeast Corridor high-speed rail line and in Greenwood, SC under the provisions of section 205 of the Federal-aid Highway Act of 1970 (P.L. 91-605). In 1973, the 19 cities railroad-highway demonstration projects were authorized in section 163 of the Federal-Aid Highway Act of 1973 (P.L. 93-87). With each new highway act or annual Department of Transportation (DOT) appropriations act, new demonstration projects were authorized or funding was provided for previously authorized projects"</p>	80/0/20	pages 37-38 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
SHRP	Future Strategic Highway Research Program	<p>The Program is based on the NRC Special Report 260, entitled Strategic Highway Research: Saving Lives, Reducing Congestion, Improving Quality of Life and National Cooperative Highway Research Program Project 20-58. It emphasized the four areas of renewal, safety, congestion, and capacity. The SHRP II program includes an analysis of the following: 1) Renewal of aging highway infrastructure with minimal impact to users of the facilities. 2) Driving behavior and likely crash causal factors to support improved countermeasures. 3) Reducing highway congestion due to nonrecurring congestion. 4) Planning and designing new road capacity to meet mobility, economic, environmental, and community needs.</p>	100/0/0	pages 68-69 of the 'Guide to Federal-Aid Programs and Projects' by FHWA

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
HBP	Highway Bridge Program	HBP funds may be used for: • The total replacement of an eligible structurally deficient or functionally obsolete highway bridge on any public road with a new facility constructed in the same general traffic corridor, • The rehabilitation that is required to restore the structural integrity of an eligible structurally deficient or functionally obsolete bridge on any public road, as well as the rehabilitation work necessary to correct major safety (functional) defects, • The painting and application of calcium magnesium acetate applications, sodium acetate/formate, or other environmentally acceptable, minimally corrosive anti-icing and de-icing compositions on bridges that are eligible for replacement or rehabilitation, • Seismic retrofits, systematic preventive maintenance, installation of scour countermeasures, and bridge inspection activities, and • The replacement of ferryboat operations in existence on January 1, 1984, the replacement of bridges destroyed before 1965, low-water crossings, and bridges made obsolete by Corps of Engineers (COE) flood control or channelization projects and not rebuilt with COE funds. Structurally deficient and functionally obsolete highway bridges eligible for replacement or rehabilitation must be over waterways, other topographical barriers, other highways, or railroads. The condition of highway bridges may also be improved through systematic preventative maintenance.	80/20/0	pages 75-76 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
HP	HIGH PRIORITY CORRIDORS OR PROJECTS	Funding for projects specifically earmarked by Congress. These corridors or projects are Congressionally designated.	80/0/20	http://www.fhwa.dot.gov/safetealu/factsheets/highpriproj.htm
HPP21	High Priority Projects in TEA-21	Earmarked funds from TEA-21.	80/0/20	http://www.fhwa.dot.gov/safetealu/factsheets/highpriproj.htm
HPPLU	High Priority Project in SAFETEA-LU	Earmarked funds from SAFETEA-LU.	80/0/20	http://www.fhwa.dot.gov/safetealu/factsheets/highpriproj.htm
HRRR	High Risk Rural Roads	HRRRP funds, authorized under SAFETEA-LU, may be used to carry out construction and operational improvements on roadways functionally classified as a rural major or minor collector or a rural local road with significant safety risks, as defined by the State in accordance with an updated State Strategic Highway Safety Plan.	90/10/0	pages 73-74 of the 'Guide to Federal-Aid Programs and Projects' by FHWA

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
HSIP	Highway Safety Improvement Programs (Safety Funds)	Formula funds for safety improvements.	90/10/0	pages 80-81 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
ITS	Intelligent Transportation Systems Integration	ITS integration funds may be used to accelerate ITS integration and interoperability in metropolitan and rural areas and must be selected through competitive solicitation and meet certain detailed criteria. In metropolitan areas, funding shall be used primarily for integration; for projects outside metropolitan areas, funding may also be used for installation costs.	50/50/0	pages 91-92 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
IM	Interstate Maintenance	"Types of work eligible for IM funding include: <ul style="list-style-type: none"> •Projects for resurfacing, restoration, rehabilitation, and reconstruction; •Projects for the reconstruction or new construction of bridges, interchanges, and over crossings along existing Interstate routes, including the acquisition of right-of-way where necessary; •Capital costs for operational, safety, traffic management, or intelligent transportation systems (ITS) improvements (operating costs are not eligible for IM funds); and •Projects for preventive maintenance. •Under the provisions of 23 U.S.C. 119(d), construction of new travel lanes, other than high occupancy vehicle (HOV) or auxiliary lanes, is not eligible for IM funding."	90/10/0	pages 101-102 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
L	Local Match or Local Share	Local match or share requirement for federal or state funding sources.	equation or ratio varies	
NHP	National Highway Performance Program	Provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. Construction, reconstruction, resurfacing, restoration, rehabilitation, preservation, or operational improvement of segments of the National Highway System.	90/10/0	pages 120-121 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
NHPIM	National Highway Performance Program (Interstate Maintenance)	This program is for the rehabilitation, restoration, and resurfacing of the Interstate system only. The state prioritizes and programs projects for funding.	90/10/0	pages 120-121 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
NHS	NATIONAL HIGHWAY SYSTEM	Formula funds that provide funding for projects on the national highway system.	90/10/0	pages 124-125 of the 'Guide to Federal-Aid Programs and Projects' by FHWA

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
NRS	NATIONAL AND REGIONAL SIGNIFICANT PROJECTS	Discretionary funding for high cost projects of national and regional importance. An eligible project is any surface transportation project eligible for assistance under 23 USC, including a freight railroad project eligible under that title, that has a total eligible cost greater than or equal to the lesser of (1) \$500,000,000 or (2) 50 percent of the amount of Federal highway funds apportioned to the State in which the project is located for the most recently completed fiscal year.	80/20/0	http://www.fhwa.dot.gov/safetealu/factsheets/natlregl.htm
O	OTHER	“Other” or “O” funding generally means something “Other” than Federal, or State, or Local. For example, “O” might be private sector funds. It can also be used when local funds may be used, but the local jurisdiction has not submitted correspondence confirming the use of local funds. In some cases, “O” can refer to local funds being used to match federal and/or state funds.	no equation or ratio related to “O”	
PL	Metropolitan Planning Funds	PL funds are available for MPOs to carry out the metropolitan transportation planning process required by 23 U.S.C. 134, including development of metropolitan area transportation plans and transportation improvement programs. Eligible activities include conducting inventories of existing routes to determine their physical condition and capacity, determining the types and volumes of vehicles using these routes, predicting the level and location of future population, employment, and economic growth, and using such information to determine current and future transportation needs.	80/0/20	pages 112-113 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
PLH	Public Lands Highways	Discretionary funding to improve access to and within the Federal lands of the nation. Under the provisions of pre-MAP-21 23 U.S.C. 202(b)(1), public lands highways (PLHD and FH) funds shall be used to pay the cost of: <ul style="list-style-type: none"> • Transportation planning, research, and engineering and construction of, highways, roads, parkways, and transit facilities located on public lands, national parks, and Indian reservations; and • Operation and maintenance of transit facilities located on public lands, national parks, and Indian reservations. 	100/0/0	pages 138-139 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
RHGC	Rail-Highway Grade Crossings	The funds are set-aside from the Highway Safety Improvement Program (HSIP) apportionment. Federal Formula funds for safety improvements to reduce the number of fatalities injuries, and crashes at public grade crossings.	90/0/10	
RR	Railway-Highway Crossing Hazard Elimination	These funds may be used for the elimination of hazards at both public and private railway-highway crossings along 11 Federally designated high-speed rail corridors.	80/20/0	pages 147-148 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
S	State Match or State Share	State match or share requirement for a project.	equation or ratio varies	

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
SRTS	SAFE ROUTES TO SCHOOL	This program is to enable and encourage children, including those with disabilities, to walk and bicycle to school; to make walking and bicycling to school safe and more appealing; and to facilitate the planning, development and implementation of projects that will improve safety, and reduce traffic, fuel consumption and air pollution in the vicinity of schools. The state prioritizes and programs projects for funding.	100/0/0	pages 155-156 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
RTP	Recreation Trails Program or also found as National Recreational Trails	Federal-aid assistance program of the FHWA to help the States provide and maintain recreational trails for both motorized and nonmotorized trail use. The purpose of the program is to provide funds in support of a wide variety of trail activities and related facilities, as well as environmental education and safety programs.	80/20/0	pages 151-152 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
STBG	Surface Transportation Block Grant	This program provides flexible funding that may be used by NCDOT and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road. Formerly Surface Transportation Program (STP); renamed in the FAST Act.	80/20/0	http://www.fhwa.dot.gov/safetealu/factsheets/stp.htm
STBGDA	Surface Transportation Program - Direct Attributable	Formula urban surface transportation funds that are allocated to the MPO. The DCHC MPO's policy is to primarily use these funds (and TAP funds) on non-highway projects. Formerly Surface Transportation Block Grant - Direct Attributable (STP-DA); renamed in the FAST Act.	80/0/20	http://www.dot.il.gov/opp/itep.html
STP-EB	Surface Transportation Program, Enhancements (Bike)	Formula surface transportation funds for NCDOT bike/ped projects.	80/20/0	http://www.fhwa.dot.gov/safetealu/factsheets/stp.htm
STP-ON	Surface Transportation Program Bridge (On System Bridge)	Formula rural surface transportation funds that are allocated to NCDOT.	80/20/0	http://www.fhwa.dot.gov/safetealu/factsheets/stp.htm
STP-OFF	Surface Transportation Program (Off System Bridge)	Formula urban surface transportation funds that are allocated to NCDOT.	80/20/0	http://www.fhwa.dot.gov/safetealu/factsheets/stp.htm
T	State Highway Trust Funds	State Highway Trust Fund is a transportation fund which receives money from state fuel taxes and related excise taxes.	0/100/0	

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/State/Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
TAP-DA	Transportation Alternatives Program - Direct Attributable	Federal Formula Funds for alternatives transportation projects for Transportation Management Areas. Provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, environmental mitigation and safe routes to school projects. A set-aside for the Recreational Trails Program is provided. MPOs and RTPOs are allocated TAP funds for prioritization and selection.	80/0/20	pages 190-191 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
TAP	Transportation Alternatives Program - State	Federal Funds for alternative transportation projects for the state.	80/20/0	pages 190-191 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
TIFIA	Transportation Infrastructure Finance and Innovation Act Program	Federal credit assistance to finance surface transportation projects of national and regional significance.	80/20/0	http://www.fhwa.dot.gov/ipd/tifia/ pages 202-203 of the 'Guide to Federal-Aid Programs and Projects' by FHWA
Tiger	Transportation Investment Generating Economic Recovery	Discretionary funding to achieve critical national objectives.	80/0/20	http://www.dot.gov/tiger/

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

5303	5303	Metropolitan & Statewide Planning	"These programs provide funding to support cooperative, continuous, and comprehensive planning for making transportation investment decisions in metropolitan areas and statewide. Eligible Recipients include State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs). "	80/0/20	http://www.fta.dot.gov/grants/13093_3563.html
5307	FUZ	FTA URBAN FORMULA	Formula funding for capital and operating assistance in urbanized areas.	80/0/20	http://www.fta.dot.gov/grants/13093_3561.html
5309	FBUS	FTA NEW STARTS	Discretionary funding for new fixed guideway systems, new and replacement buses and facilities, modernization of existing rail systems.	80/0/20	http://www.fta.dot.gov/documents/Map-21_Fact_Sheet_-_Fixed_Guideway_Capital_Investment_Grants.pdf
5309	FBUS	FTA Section 5309 (m) (1) (A) (Rail)	Formula funding for Rail service.	80/0/20	http://www.fta.dot.gov/grants/13093_3558.html
5309	FBUS	FTA BUS DISCRETIONARY FUNDS	Formula funding for capital and operating assistance for bus service. capital projects include the purchasing of buses for fleet and service expansion, bus maintenance and administrative facilities, transfer facilities, bus malls, transportation centers, intermodal terminals, park-and-ride stations, acquisition of replacement vehicles, bus rebuilds, bus preventive maintenance, passenger amenities such as passenger shelters and bus stop signs, accessory and miscellaneous equipment such as mobile radio units, supervisory vehicles, fare boxes, computers and shop and garage equipment.	80/0/20	http://fta.dot.gov/grants/13094_3557.html
5309	FNS	FTA Core Capacity NEW STARTS	Discretionary funding for core capacity fixed guideway systems, replacement buses, and facilities.	80/0/20	http://www.fta.dot.gov/12304.html
5310	FEPD	FTA ELDERLY/HANDICAPPED	Formula funding for capital and operating expenses to meet needs of persons 65 and over of with a disability.	80/0/20	http://fta.dot.gov/grants/13093_3556.html
5310-Operating	FEPD	FTA ELDERLY/HANDICAPPED	Formula funding for capital and operating expenses to meet needs of persons 65 and over of with a disability.	50/0/50	http://fta.dot.gov/grants/13093_3556.html

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source #	Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/ State/ Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
5310-Capital	FEPD	FTA ELDERLY/HANDICAPPED	Formula funding for capital and operating expenses to meet needs of persons 65 and over of with a disability.	80/0/20	http://fta.dot.gov/grants/13093_3556.html
5310- Admin	FEPD	FTA ELDERLY/HANDICAPPED	Formula funding for capital and operating expenses to meet needs of persons 65 and over of with a disability.	100/0/0	http://fta.dot.gov/grants/13093_3556.html
5311	FNU	Non-Urbanized Area Formula Program	An eligible recipient may use the funding for capital, operating, and administrative expenses for public transportation projects that meet the needs of rural communities.	80/0/20	
5311- Operating	FNU	Non-Urbanized Area Formula Program	An eligible recipient may use the funding for capital, operating, and administrative expenses for public transportation projects that meet the needs of rural communities.	50/0/50	http://www.fta.dot.gov/grants/13093_3555.html
5311- Capital	FNU	Non-Urbanized Area Formula Program	An eligible recipient may use the funding for capital, operating, and administrative expenses for public transportation projects that meet the needs of rural communities.	80/0/20	http://www.fta.dot.gov/grants/13093_3555.html
5311- Admin	FNU	Non-Urbanized Area Formula Program	An eligible recipient may use the funding for capital, operating, and administrative expenses for public transportation projects that meet the needs of rural communities.	100/0/0	http://www.fta.dot.gov/grants/13093_3555.html
5316	JARC	Job Access and Reverse Commute	Provide funding for transportation services designed to transport low income individuals to and from jobs and reverse commute projects.	80/0/20	http://www.rtachicago.com/jarc-nf/jarc-nf.html
5316- Operating	JARC	Job Access and Reverse Commute	Provide funding for transportation services designed to transport low income individuals to and from jobs and reverse commute projects.	50/0/50	http://www.rtachicago.com/jarc-nf/jarc-nf.html
5316-Capital	JARC	Job Access and Reverse Commute	Provide funding for transportation services designed to transport low income individuals to and from jobs and reverse commute projects.	80/0/20	http://www.rtachicago.com/jarc-nf/jarc-nf.html
5317- Admin	FNF	New Freedom Program	Capital and operating expenses for new public transportation services and new public transportation alternatives beyond those required by the American with Disabilities Act of 1990 (ADA), that are designed to assist individuals with disabilities.	100/0/0	http://www.fta.dot.gov/grants/13093_3549.html

2. OVERVIEW & GUIDANCE FOR FUNDING SOURCES - (CONT'D)

Fund Source #	Fund Source Initials	Fund Source Title	Description	General Fund Ratio (Federal/ State/ Local) <i>There may be exceptions to the ratio.</i>	Website or Reference
5337	5337	State of Good Repair	Formula funding for repairing and upgrading transit systems. Capital projects to maintain a system in a state of good repair, including projects to replace and rehabilitate: rolling stock; track; line equipment and structures; signals and communications; power equipment and substations; passenger stations and terminals; security equipment and systems; maintenance facilities and equipment; and operational support equipment, including computer hardware and software. Transit Asset Management Plan development and implementation.	80/0/20	http://www.fta.dot.gov/documents/MAP-21_Fact_Sheet_-_State_of_Good_Repair_Grants.pdf
5339	5339	Alternatives Analysis	Funds may be used to assist State and local governmental authorities in conducting alternatives analyses when at least one of the alternatives is a new new fixed guideway systems or an extensions to an existing fixed guideway system.	80/0/20	http://fta.dot.gov/grants/13094_7395.html