



FY2020-2029 Metropolitan Transportation Improvement Program



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

Metropolitan Transportation Improvement Program

Fiscal Years 2020 - 2029

Adopted December 11, 2019

Durham-Chapel Hill-Carrboro Metropolitan Planning Organization
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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.

**RESOLUTION ADOPTING THE DURHAM-CHAPEL HILL-CARRBORO
METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION
IMPROVEMENT PROGRAM FOR FY2020-2029**

A motion was made by NEWBY JACOBS and seconded by ELLEN RECKHOW for adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) Board has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the DCHC MPO Board has found the Transportation Improvement Program (TIP) to be in full compliance with Title VI Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 749; and

WHEREAS, the DCHC MPO Board has considered how the TIP will affect the involvement of Disadvantaged Business Enterprises in the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat 2100, 49 CFR part 23); and

WHEREAS, the DCHC MPO Board has considered how the TIP will affect the elderly and disabled per the provisions of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat.327, as amended) and the U.S. DOT implementing regulations; and

WHEREAS, the DCHC MPO Board has found that the TIP conforms to the purposes of the North Carolina State Implementation Plan (or interim emissions tests in areas where no SIP has been approved or found adequate) for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51& 93; and

WHEREAS, the DCHC MPO Board has found that the TIP was developed in accordance with the Strategic Transportation Investments Law (STI) that was adopted by the General Assembly of North Carolina in 2013; and

WHEREAS, the DCHC MPO Board and the North Carolina Department of Transportation have found that the TIP is consistent with the North Carolina Department of Transportation's (NCDOT) State Transportation Improvement Program (STIP) for the years FY2020-2023; and

WHEREAS, the FY2020-2029 TIP of the DCHC MPO is a direct subset of the currently conforming DCHC MPO 2045 Metropolitan Transportation Plan (2045 MTP); and

WHEREAS, the 2045 MTP has a planning horizon year of 2045, and meets all the requirements for an adequate Long-Range Transportation Plan; and

WHEREAS, the DCHC MPO Board has solicited public and private transportation provider comment and provided for a public comment period in accordance with the MPO's Public Involvement Policy as adopted on November 14, 2012; and

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

WHEREAS, the MPO has established performance management targets for highway safety (established in the Strategic Highway Safety Plan (SHSP)), transit tier 2 providers that choose to participate in NCDOT's Group Transit Asset Management (TAM) Plan, and infrastructure condition, congestion, system reliability, emissions, and freight movement; and

WHEREAS, for years one through four (i.e., years 2020, 2021, 2022, and 2023), it is recognized that the MTIP will serve as the project programming and selection document for transportation projects within the Durham-Chapel Hill-Carrboro Urban Area Metropolitan Area Boundary; and the NCDOT may move projects and phases of projects without additional programming or project selection approval by the MPO within that four-year period, providing that transportation conformity and financial constraint criteria are still met.

NOW, THEREFORE, be it resolved that the DCHC MPO Board adopts the FY2020-2029 Transportation Improvement Program, dated December 11, 2019, for the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization on this, the 11th day of December, 2019.



Damon Seils, DCHC MPO Board Chair

Durham County, North Carolina

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

Date: December 11, 2019



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

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Metropolitan Transportation Improvement Program

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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, which have greater responsibilities for planning than non-TMA MPOs, as well as receive additional funding to implement transportation projects.

The major requirement of the DCHC MPO is to implement federal transportation legislation. Federal legislation requires 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, called the Metropolitan Transportation Plan (MTP).

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

- Monitoring the condition of the existing transportation network;
- Identifying existing and future capacity or safety problems;
- Developing candidate transportation projects;
- Forecasting future population and employment growth for the region;
- Evaluating the effects that future land use plans will have on transportation infrastructure;
- 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 MTIP has also met the requirements of the Fixing America's Surface Transportation (FAST) Act. The DCHC MPO MTIP is consistent with the DCHC MPO's 2045 Metropolitan Transportation Plan (MTP) 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 desired roadway, transit, bicycle, and pedestrian improvements. 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 2045 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 multi-modal 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

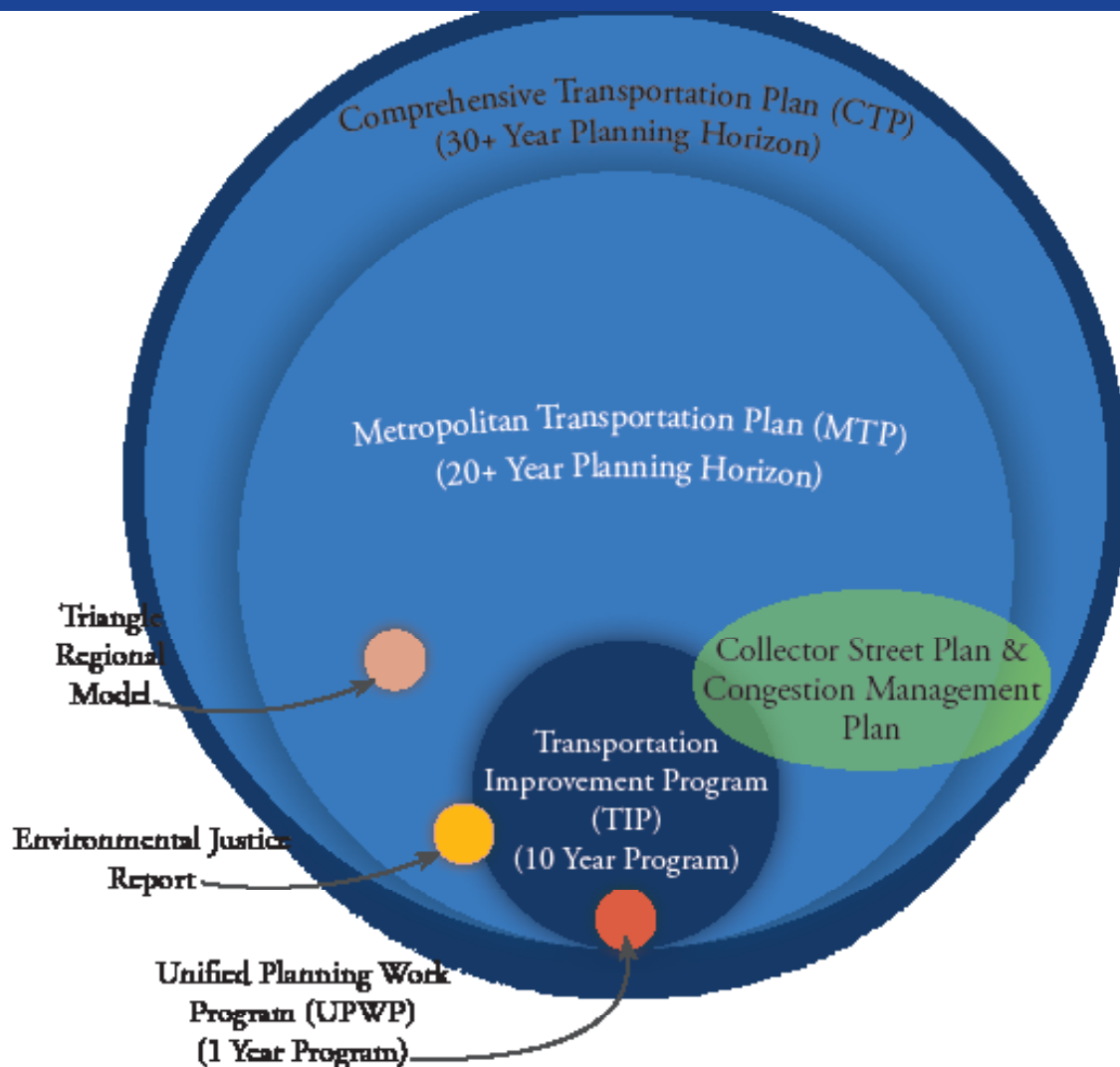
studies; and environmental impact studies. The MPO's current plan is the 2045 MTP, which was adopted in March 2018 and extends through the year 2045. The 2045 MTP is a fiscally constrained subset of the CTP.

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, public transit, bicycle and pedestrian, and rail corridor improvement projects. Any project included in this MTIP must be consistent with the 2045 MTP; this ensures that the MTIP is fiscally constrained by estimated future revenues. The MTIP is also consistent with the first four years of the State Transportation Improvement Program (STIP), as required by federal law. The MTIP can be amended to account for changes in funding or need.

Figure 1. Relationship Between DCHC MPO Plans and Programs



2.4 Unified Planning Work Program

The Unified Planning Work Program (UPWP) is a one-year plan developed to 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 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 six years (2020-2025 in this version) referred to as the delivery program and the latter four years (2020-2024 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 MTIPs from MPOs; and
- Provide opportunity for public comment.

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

Both the MTIP and the STIP are updated frequently 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 FY2020-2029 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 shows the adopted MTIP in STIP format.
 - » Appendix C, which lists all projects submitted for prioritization in P5.0 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.

FY2020-2029

Metropolitan Transportation Improvement Program

CHAPTER 2: PROGRAM DEVELOPMENT

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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 FY2020-2029 MTIP program of projects initially began with the development of the 2045 MTP in 2016. During the 2045 MTP process, the DCHC MPO identified and evaluated 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 (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 2045 MTP is consistent with the MPO's recently adopted Congestion Management Process (CMP).

1.3 Goals & Objectives of the DCHC MPO in the 2045 MTP

There are eight goals, with accompanying objectives, identified in the adopted 2045 MTP.

Goal 1: Protect Environment and Minimize Climate Change

Objectives:

- A. Reduce mobile source emissions, GHG, and energy consumption
- B. Reduce the negative impacts on the natural and cultural environment

Goal 2: Connect People

Objectives:

- A. Connect people to jobs, education, and other important destinations using all modes
- B. Ensure transportation needs are met for all populations (especially the aging and youth, economically disadvantaged, mobility impaired, and minorities)

Goal 3: Promote Multimodal and Affordable Travel Choices

Objectives:

- A. Enhance transit services, amenities and facilities
- B. Improve bicycle and pedestrian facilities

- C. Increase utilization of affordable non-auto travel modes

Goal 4: Manage Congestion & System Reliability

Objectives:

- A. Allow people and goods to move with minimal congestion and time delay, and greater predictability
- B. Promote Travel Demand Management (TDM) such as carpool, vanpool, and park-and-ride
- C. Enhance Intelligent Transportation Systems (ITS) such as ramp metering, dynamic signal phasing, and vehicle detection systems

Goal 5: Improve Infrastructure Condition

Objectives:

- A. Increase proportion of highways and highway assets in 'Good' condition
- B. Maintain transit vehicles, facilities and amenities in the best operating condition
- C. Improve the condition of bicycle and pedestrian facilities and amenities
- D. Improve response time to infrastructure repairs

Goal 6: Ensure Equity and Participation

Objectives:

- A. Ensure that transportation investments do not create a disproportionate burden for any community

- B. Enhance public participation among all communities

Goal 7: Promote Safety and Health

Objectives:

- A. Increase safety of travelers and residents
- B. Promote public health through transportation choices

Goal 8: Stimulate Economic Vitality

Objectives:

- A. Improve freight movement
- B. Link land use and transportation
- C. Target funding to the most cost-effective solutions
- D. Improve project delivery for all modes

2. STRATEGIC TRANSPORTATION INVESTMENTS LAW

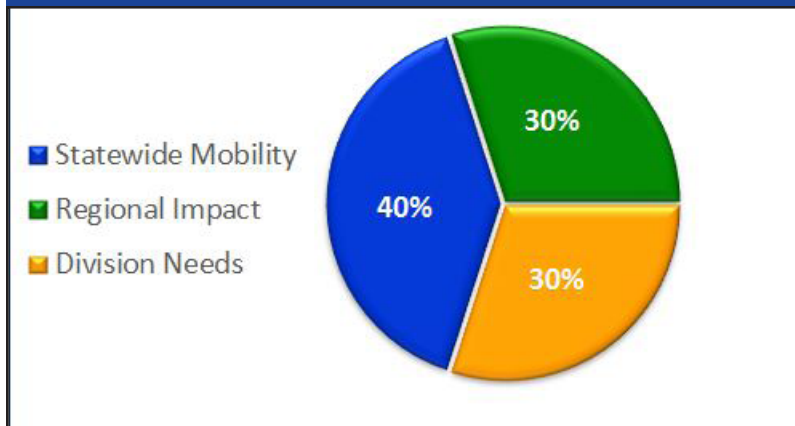
Former Governor Pat McCrory signed House Bill 817, Strategic Transportation Investments (STI), into law on June 26th, 2013 to replace the State of North Carolina's Equity Formula previously used to divide available funding among different areas of the state and different types of projects.

There are three major categories for transportation-related investments within STI: Statewide Mobility, Regional Impact, and Division Needs. These categories are based on their function in the overall transportation system and are shown in Figure 1.

Figure 1: STI Eligibility Definitions

Mode	Statewide Mobility	Regional Impact	Division Needs
Highway	<ul style="list-style-type: none"> • Interstates (existing & future) • NHS routes (July 1, 2012) • STRAHNET • ADHS Routes • Uncompleted Intrastate projects • Designated Toll Facilities 	Other US and NC Routes	<ul style="list-style-type: none"> • All Secondary Roads (SR) • Federal-Aid Eligible Local Roads
Aviation	Large Commercial Service Airports (\$500K cap)	Other Commercial Service Airports not in Statewide (\$300K cap)	All Airports without Commercial Service (\$18.5M cap)
Bicycle-Pedestrian	N/A	N/A	All projects (\$0 state funds)
Public Transportation	N/A	Service spanning two or more counties (10% cap)	All other service, including terminals and stations
Ferry	N/A	Vessel or infrastructure expansion	Replacement vessels
Rail	Freight Capacity Service on Class I Railroad Corridors	Rail service spanning two or more counties not Statewide	All other service, including terminals and stations (no short lines)

Figure 2: STI Funding



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. The division of funding in SPOT is divided among the three categories as shown in Figure 2.

3. STRATEGIC PRIORITIZATION IN NORTH CAROLINA

The North Carolina Department of Transportation manages a strategic project prioritization process for the development of the SPOT. 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.

3.1 Results of Prioritization 5.0

The fifth iteration of the prioritization process (P5.0) resulted in each transportation mode using different quantitative criteria, measures, and weights to provide technical scores for projects.

Also, per the intent of STI, a normalization process was used 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 statewide for highways was 90 percent and minimum percentage statewide 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 P5.0 process do not necessarily mean that projects will be programmed in the order of their score and rank. Over the 10-year STIP 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. 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 meet budget and fiscal constraint requirements per state and federal law.

3.2 DCHC MPO Local Ranking Methodology

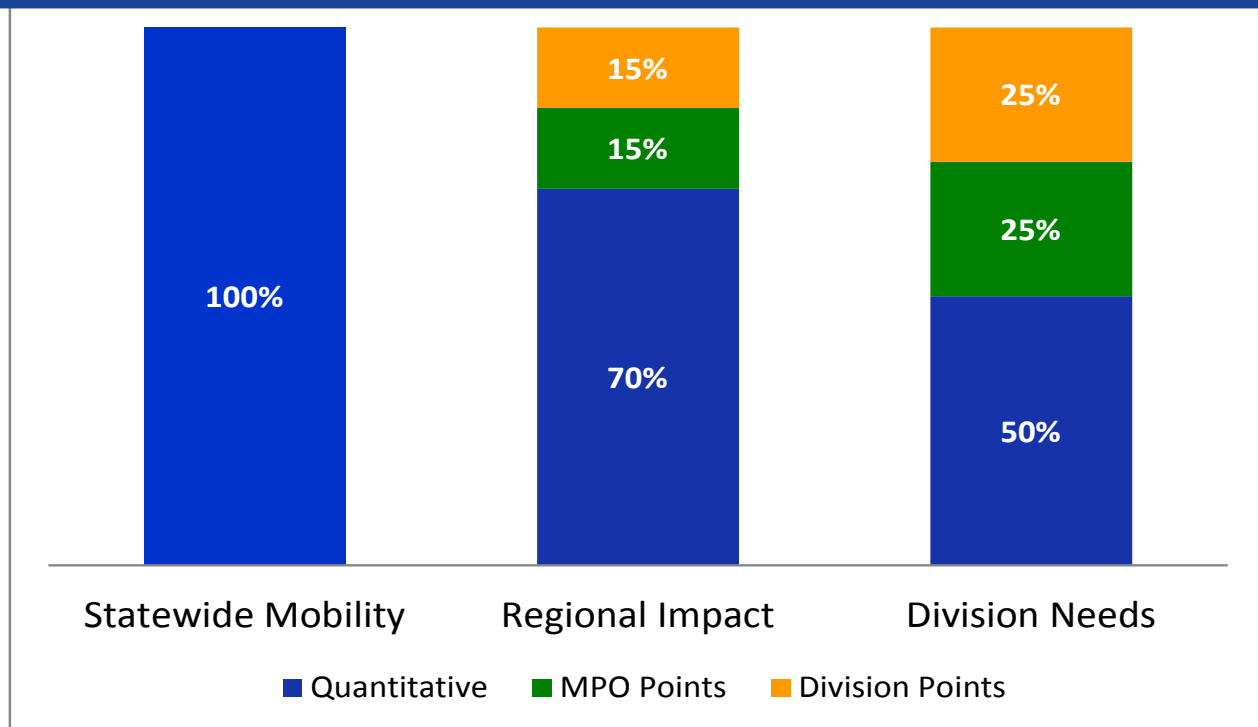
All of the regional transportation planning organizations and NCDOT Division Engineers were required to develop a Local Ranking Methodology for assigning local input points to projects in advance

of the actual project scoring process. The DCHC MPO Board approved the MPO's methodology on March 14, 2018. The DCHC MPO's approved methodology is located in Appendix C.

3.3 DCHC MPO Local Input Points

After the DCHC MPO Board approved the Local Ranking Methodology, the MPO applied the methodology to 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. Division engineers also assign local points to determine a project's final score. The point distribution by project type is shown in Figure 3. The actual point distribution total for P5.0 is located in Appendix C.

Figure 3: Local Points Distribution



4. PERFORMANCE MEASURES

The FAST Act requires that MPOs in their TIP, in accordance with 23 CFR 450.326 (d), shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets. Therefore, through adoption of this TIP, the DCHC MPO has established performance management targets in accordance with federal requirements. The DCHC MPO hereby adopts the following performance management targets, which match those of the State of North Carolina, for calendar year 2020:

- For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 6.23 percent each year from 1,396.4 (2014-2018 average) to 1,227.8 (2016-2020 average) by December 31, 2020;
- For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 5.39 percent each year from 1.211 (2014-2018 average) to 1.084 (2016-2020 average) by December 31, 2020;
- For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 8.54 percent each year from 3,362.6 (2014-2018 average) to 2,812.8 (2016-2020 average) by December 31, 2020;

- For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 7.64 percent each year from 2.886 (2014-2018 average) to 2.462 (2016-2020 average) by December 31, 2020;
- For the 2020 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 7.13 percent each year from 494.6 (2014-2018 average) to 426.6 (2016-2020 average) by December 31, 2020.

The MPO has established performance management targets for highway safety (established in the Strategic Highway Safety Plan (SHSP)), transit tier 2 providers that choose to participate in NCDOT's Group Transit Asset Management (TAM) Plan, and performance management targets for infrastructure condition, congestion, system reliability, emissions, and freight movement. The MPO anticipates meeting their identified targets with the mix of projects included in the TIP aided by the Strategic Transportation Investments Prioritization and Programming process.

FY2020-2029

Metropolitan Transportation Improvement Program

CHAPTER 3: Financial Plan

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1. INTRODUCTION

Federal regulations require that each Metropolitan Planning Organization (MPO) adopt a Metropolitan Transportation Improvement Program (MTIP) that includes 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 FY2020-2029 MTIP in coordination with the NCDOT's State Transportation Improvement Program (STIP) process. Revenue and cost information for projects were provided by the NCDOT STIP Unit.

NCDOT has demonstrated fiscal constraint on the FY2020-29 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 Metropolitan Transportation Plan (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, 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 revenues.

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. MFT revenues are forecasted based on crude oil prices and expected consumption, and derived from information from the US Department of Energy and IHS Global Insight, which is 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. HUT 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 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.

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 billion is available subject to appropriation.

The primary source of both state and federal revenues for transportation are the MFT. The federal excise tax rate for motor fuel has remained at 18.4 cents per gallon (24.4 cents per 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 per gallon.

2.3 FEDERAL AID PROGRAM

The Federal Aid 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 2020 and FFY 2021 is expected to be about \$1,198 million each year.

Virtually all Federal Aid projects require a local or state fund contribution. Most highway and transit programs require a 10-20 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

Table 1. Federal Aid Construction Program - FFY 2020 (\$ in Millions)			
Category	Federal Funds	Required State Matching Funds	Total
National Highway Performance Program	\$655	\$164	\$819
Rail Hwy Crossing	7	2	9
Statewide Planning	16	4	20
TAP	22	6	28
Research Development	5	1	6
Metropolitan Planning	6	2	8
Congestion Mitigation	55	14	69
Surface Transportation Program	328	82	410
Highway Safety Improvement 64 16 80	64	16	80
Freight	40	10	50
Total Apportionment	\$1,198	\$300	\$1,498

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.

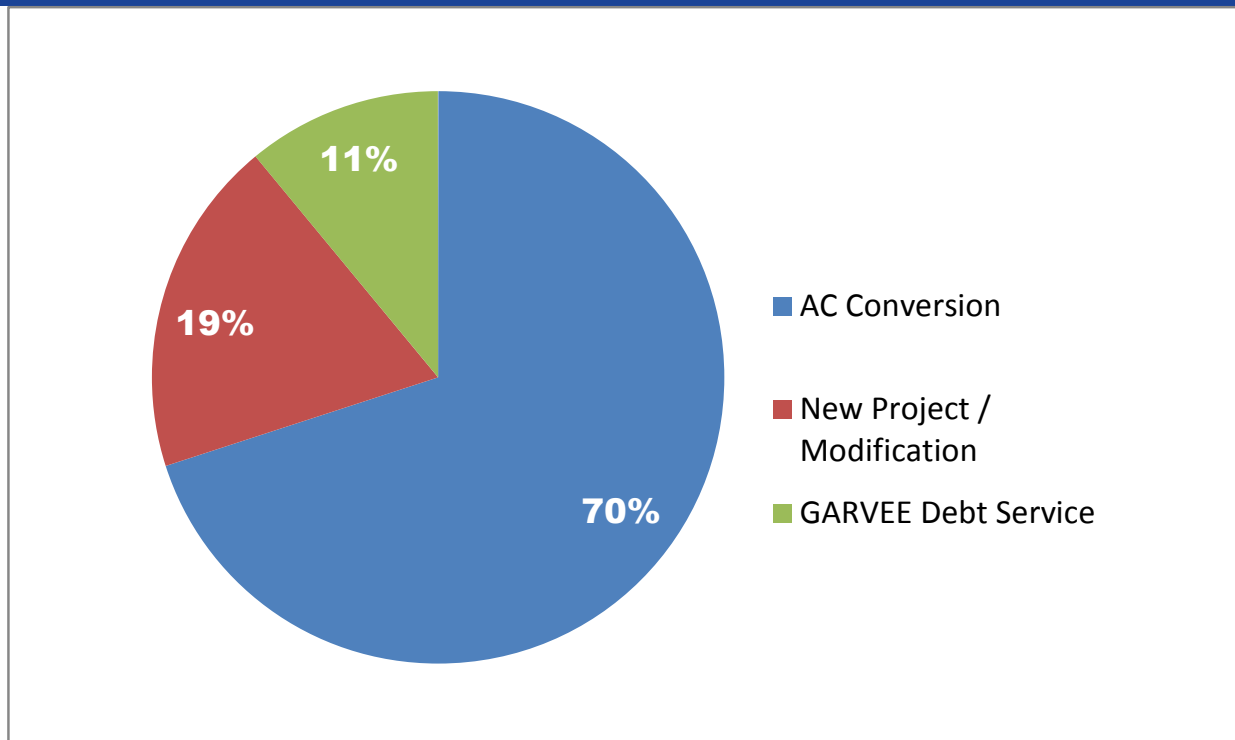
NCDOT applies to FTA for the 5303 funds for the urbanized areas. Section 5310 Funds are allocated for small urbanized and rural areas by NCDOT. A competitive call for projects is announced for specific projects and those projects must be included as an unmet need in the Locally Coordinated Plan for the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

3. PROPOSED USE OF FFY 2020 & 2021 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 2020 & 2021 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. Below is a summary of the GARVEE bond issuances and debt service requirements.

Table 2. GARVEE Bond Program (\$ in Millions)		
State Fiscal Year	Proceeds Including Premium	Debt Services
2008	\$299.80	\$5.06
2009		59.33
2010	263.14	67.16
2011		81.99
2012	364.9	59.84
2013		80.55
2014		86.32
2015	300.54	86.32
2016		100.00
2017	253.15	99.38
2018		95.93
2019	719.04	95.91
2020		131.63
2021		131.64
2022		131.63
2023		131.64
2024		95.38
2025		95.38
2026		95.38
2027		95.38
2028		95.38
2029		95.38
2030		95.38
2031		57.09
2032		57.09
2033		57.09
2034		57.09

3.1.1 NC BUILD BONDS

In 2018, Senate Bill 758 authorized NCDOT to issue Build NC bonds to finance highway projects at the regional impact and divisional need project tiers. Subject to appropriation by the General Assembly, funds from the Highway Trust Fund shall be the source for repayment of debt service. Below is a summary of Build NC bond debt service requirements.

State Fiscal Year	Proceeds Including Premium	Debt Service
2020	\$357.34	\$28.20
2021		28.20
2022		28.20
2023		28.20
2024		28.20
2025		28.20
2026		28.20
2027		28.20
2028		28.20
2029		28.20
2030		28.20
2031		28.20
2032		28.20
2033		28.20
2034		28.20

3.2 STATE HIGHWAY TRUST FUND

Revenues for the Trust Fund are generated from 29 percent 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 \$1.577 billion for FY 2020 and \$17.5 billion during the 10-year period. Of this \$17.5 billion in revenue, \$490 million goes to NCTA, \$465.1 million is used for debt service on previous GO bonds and Administration, \$4 million is transferred to the Highway Fund for Visitor Centers, and \$450 million is transferred to State Ports. The remaining \$15.7 billion is available for STIP purposes. Federal aid of \$12.9 billion is also available. After preliminary engineering, a reserve for construction cost overruns, inflation, and bonus allocation and local participation deductions, \$23.7 billion is available for programming. (Note - funds available for programming and used in the development of the 2020-2029 STIP were prior to the actions of the 2019 General Assembly.)

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

Table 4. Funds Available for Programming
(\$ in Millions)

HIGHWAY TRUST FUND REVENUES	2020	2021	2022	2023
25% of Gas Tax Revenues	\$ 610.00	\$ 625.00	\$ 641.00	\$ 653.00
DMV Fees & Investment Income	153.00	165.00	167.00	171.00
Use Tax	814.00	815.00	824.00	845.00
Total State Highway Trust Fund Revenues	\$ 1,577.00	\$ 1,605.00	\$ 1,632.00	\$ 1,669.00
Less Transfers for NCTA GAP Funding	(49.00)	(49.00)	(49.00)	(49.00)
Less GO Debt Service	(59.77)	-	-	-
Less Transfer to Highway Fund	(0.40)	(0.40)	(0.40)	(0.40)
Less Program Administration	(36.62)	(37.27)	(37.90)	(38.76)
Less Transfer to State Ports	(45.00)	(45.00)	(45.00)	(45.00)
Net State Trust Fund Revenues	1,386.21	1,473.33	1,499.70	1,535.84
Federal Aid	1,289.00	1,289.00	1,289.00	1,289.00
Less SPR Funds	(34.90)	(34.90)	(34.90)	(34.90)
Less CMAQ	(30.00)	(30.00)	(30.00)	(30.00)
Less DMS (Formerly EEP)	(20.00)	(20.00)	(20.00)	(20.00)
Less Yadkin River GARVEE debt service	(5.13)	(5.13)	-	-
Net Federal Aid Revenues	1,198.97	1,198.97	1,204.10	1,204.10
Available Subtotal (Trust and Federal-aid)	2,585.18	2,672.30	2,703.80	2,739.95
Less PE	(250.00)	(250.00)	(250.00)	(250.00)
Subtotal	2,335.18	2,422.30	2,453.80	2,489.95
Less Construction Cost Overruns	(60.31)	(62.92)	(63.86)	(64.95)
Less Bonus Alloc. for Tolling & Local Participation	(38.15)	(35.25)	(33.20)	(36.82)
Funds Available for Programming Subtotal	2,236.72	2,324.13	2,356.74	2,388.18
Less Inflation	(11.18)	(34.98)	(59.39)	(84.66)
Funds Available for Programming	\$ 2,225.54	\$ 2,289.16	\$ 2,297.35	\$ 2,303.52

Table 4. Funds Available for Programming - cont'd
(\$ in Millions)

2024	2025	2026	2027	2028	2029	TOTAL 2020-2029
\$ 665.00	\$ 675.00	\$ 683.00	\$ 693.00	\$ 704.00	\$ 690.00	\$ 6,639.00
176.00	199.00	204.00	209.00	215.00	241.00	\$ 1,900.00
871.00	894.00	917.00	941.00	967.00	1,028.00	\$ 8,916.00
\$ 1,712.00	\$ 1,768.00	\$ 1,804.00	\$ 1,843.00	\$ 1,886.00	\$ 1,959.00	\$ 17,455.00
(49.00)	(49.00)	(49.00)	(49.00)	(49.00)	(49.00)	\$ (490.00)
-	-	-	-	-	-	\$ (59.77)
(0.40)	(0.40)	(0.40)	(0.40)	(0.40)	(0.40)	\$ (4.00)
(39.76)	(41.06)	(41.89)	(42.80)	(43.80)	(45.49)	\$ (405.33)
(45.00)	(45.00)	(45.00)	(45.00)	(45.00)	(45.00)	\$ (450.00)
1,577.84	1,632.54	1,667.71	1,705.80	1,747.80	1,819.11	\$ 16,045.89
1,289.00	1,289.00	1,289.00	1,289.00	1,289.00	1,289.00	\$ 12,890.00
(34.90)	(34.90)	(34.90)	(34.90)	(34.90)	(34.90)	\$ (348.98)
(30.00)	(30.00)	(30.00)	(30.00)	(30.00)	(30.00)	\$ (300.00)
(20.00)	(20.00)	(20.00)	(20.00)	(20.00)	(20.00)	\$ (200.00)
-	-	-	-	-	-	\$ (10.26)
1,204.10	1,204.10	1,204.10	1,204.10	1,204.10	1,204.10	\$ 12,030.76
2,781.95	2,836.65	2,871.81	2,909.90	2,951.91	3,023.21	\$ 28,076.65
(250.00)	(250.00)	(250.00)	(250.00)	(250.00)	(250.00)	\$ (2,500.00)
2,531.95	2,586.65	2,621.81	2,659.90	2,701.91	2,773.21	\$ 25,576.65
(66.21)	(67.85)	(68.90)	(70.05)	(71.31)	(73.45)	\$ (669.80)
(33.34)	(0.20)	(2.50)	(20.00)	(40.00)	(40.00)	\$ (279.46)
2,432.39	2,518.60	2,550.41	2,569.86	2,590.60	2,659.76	\$ 24,627.39
(111.40)	(115.35)	(116.81)	(117.70)	(118.65)	(121.82)	\$ (891.94)
\$ 2,320.99	\$ 2,403.24	\$ 2,433.60	\$ 2,452.16	\$ 2,471.95	\$ 2,537.95	\$ 23,735.45

and right of way cost increases were used: 2020 - 1.005, 2021 - 1.0151, 2022 - 1.0252, 2023 - 1.0355, 2024 through 2029 - 1.0458. This allows project costs used in the Program to be shown in current (2020) dollars.

3.3.1 STATE HIGHWAY FUND

Revenues for the Highway Fund are generated from the state motor fuels tax and DMV fees. The Highway Fund primarily supports projects that maintain the state's existing transportation system. This includes general maintenance, roadside environmental activities, resurfacing highways, replacing bridges, paving unpaved secondary roads, and state aid to municipalities. Funds are distributed across North Carolina based on need.

3.4 CASH MODEL

NCDOT uses a cash model to manage its operation 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 requires the cash target to be between 15 percent and 20 percent 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 requires the minimum cash balance to be at least 7.5 percent of the total appropriations for the current fiscal year. If this minimum is not maintained, no further transportation project contract commitments may be entered into until the minimum is exceeded. Session Law 2014-100 Senate Bill 744 Section 34.23(c) established a cash balance maximum of one billion dollars. If the balance exceeds the maximum, the Department must report to the General Assembly and Fiscal Research the reasons for exceeding the maximum and the plans to reduce the balance.

3.5 THE NORTH CAROLINA TURNPIKE AUTHORITY (NCTA)

NCTA is a public agency of the State of North Carolina located within NCDOT. NCTA's mission is to supplement the traditional non-toll transportation system serving the citizens of North Carolina by accelerating the delivery of roadway projects using alternative financing options and facilitating the development, delivery, and operation of an integrated system of toll roads. The Triangle Expressway, North Carolina's first modern toll facility is approximately 18.8 miles of new highway construction, extending the partially complete

The "Outer Loop" around the greater Raleigh area from I-40 in the north to the NC 55 Bypass in the south opened fully to traffic on January 2, 2013. The Monroe

Expressway, the second all electronic toll facility in North Carolina, opened to traffic on November 27, 2018. The Monroe Expressway is approximately 19.8 miles of new highway construction that serves as a bypass to U.S. 74 from I-485 in eastern Mecklenburg County to U.S. 74 between the towns of Wingate and Marshville in Union County. Since the STI law passed in June 2013, the identification of potential Turnpike projects has fallen under the strategic project prioritization process. Funding for Turnpike projects may be derived from a combination of state transportation revenues, federal aid dollars, and toll revenue bonds.

Total revenues for the Triangle Expressway were \$49.0 million and \$44.7 million for FY 2018 and FY 2017 respectively. FY 2018 total revenues increased by 9.6 percent

year-over-year (YOY) when compared to FY 2017. Operating expenses for the Triangle Expressway totaled \$18.0 million and \$16.3 million for FY 2018 and FY 2017 respectively. FY 2018 operating expenses increased by 10.5 percent 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 requires a 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.

These funding sources are typically used within DCHC for public transportation, bicycle and pedestrian projects, and Transportation Demand Management (TDM), administered by the Triangle J Council of Governments. By DCHC policy, local governments are discouraged from allocating resources from these funding sources to highway projects.

Local funding is provided as the match for public transportation projects using CMAQ, STBGDA or TAP. Typically, for public transportation 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. For bicycle and pedestrian projects, the local match is 20 percent, except for Carrboro and Hillsborough, which have a lower match due to population size.

4.1 STBGDA AND TAP-DA FUNDING PROGRAMS

STBGDA and TAP-DA funds are directly allocated to the DCHC MPO annually, based on the population of the urbanized area. As of FY 20, the DCHC MPO receives approximately \$6 million annually in STBGDA funds and just over \$400,000 annually in TAP-DA funds.

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 2018, the DCHC MPO held a Call for Projects

for STBGDA funds for FY2019-2020. DCHC MPO STBGDA funding follows a distribution policy that was adopted by the MPO Board in 2014. The distribution policy is shown in Figure 3.

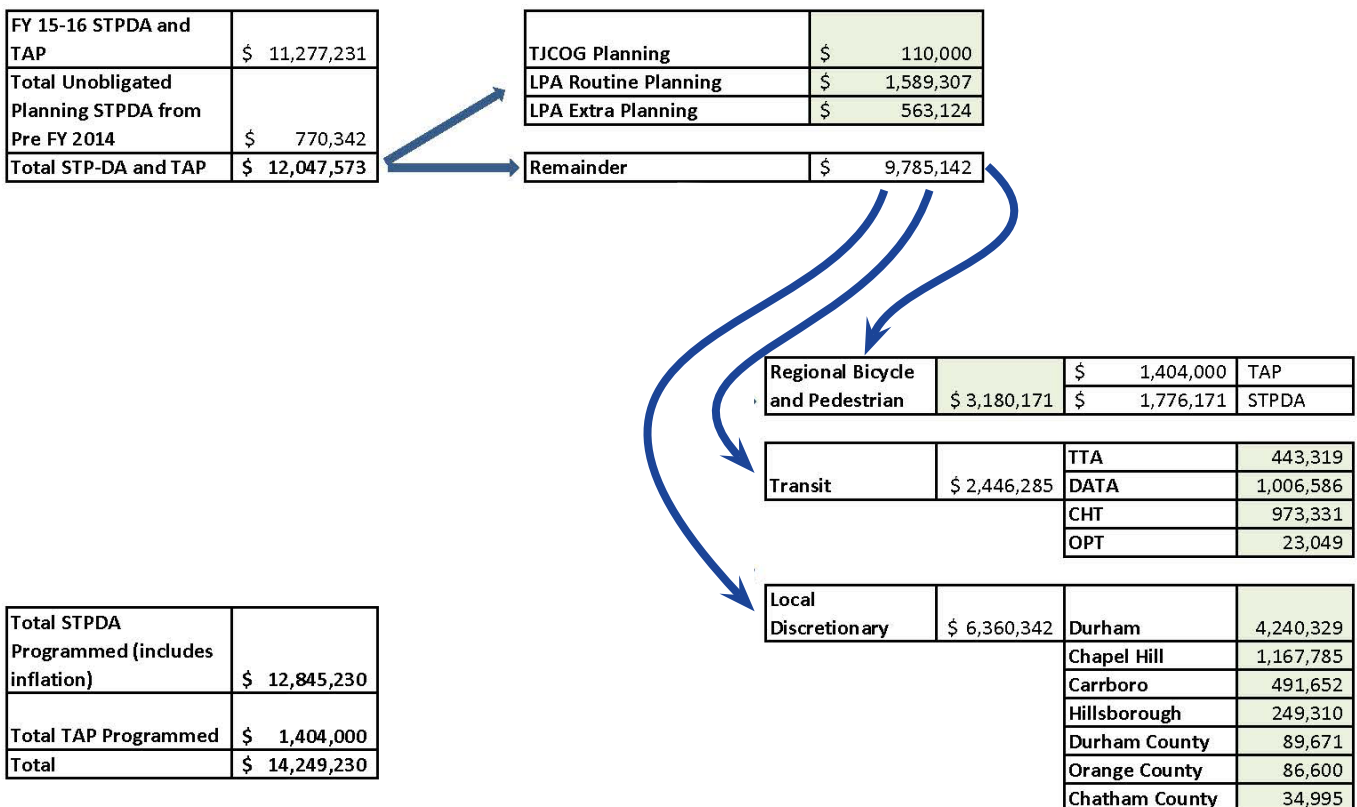
TAP-DA was created under MAP-21 and continues under the FAST Act. TMAs, such as DCHC MPO, receive a direct allocation of TAP-DA annually, based on the population of the urbanized area. Federal legislation requires that TAP-DA projects be selected through a competitive process. TAP can only be used for “transportation alternatives,” including bicycle and pedestrian facilities, trails, scenic areas, community improvement

activities, environmental mitigation, and safe routes to school programs. DCHC plans to hold a Call for Projects for TAP-DA funds in winter 2019.

4.2 PROJECT SCREENING & PRIORITIZATION PROCESS FOR TAP-DA FUNDING

The DCHC MPO policy related to programming TAP-DA funds requires MPO member jurisdictions and agencies to submit project funding requests to the MPO staff. Projects are evaluated based on the screening criteria and scoring methodology listed below. The

Figure 2. Example of DCHC MPO STBGDA & TAP Distribution Policy



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.

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 DCHC staff, which rates the proposals and then submits them to NCDOT for review. 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.

5. HIGHWAY FUNDING FOR MPO-SPECIFIC PROJECTS

Following the adoption of the FY2020-2029 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 FY2020-2023.

Table 5. Summary of Highway Project Funding

(Estimated Cost are in Thousands of Dollars)

FUNDING SOURCE	FUNDING DESCRIPTION	FUNDING TYPE	FY2020	FY2021	FY2022	FY2023
BGANY	Surface Transportation Block Grant Program (Any Area)	Federal	6,157	9,938	-	
CMAQ	Congestion Mitigation	Federal	2,295	2,812	-	
HSIP	Highway Safety Improvement Program	Federal	210	-	-	
L	Local	Other	683	4,483	-	
NHFP	National Highway Freight Program	Federal	-	-	-	2,303
NHP	National Highway Performance Program	Federal	2,078	14,509	21,271	58,975
NHPB	National Highway Performance Program (Bridge)	Federal	110	253	2,264	2,588
NHPIM	National Highway Performance Program (Interstate)	Federal	5,162	5,474	1,674	1,991
S	State	State	31	-	-	-
S(M)	State Match for STBGDA or GARVEE Projects	State	3,103	3,696	1,253	1,265
T	Highway Trust Funds	State	562	7,849	7,399	16,021
TA	Transportation Alternatives Program (Uncategorized)	Federal	124	-	-	-
		SUBTOTAL	20,515	49,014	33,861	83,143

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 6 below presents a summary of funding for non-highway projects located within the DCHC MPO area for FY2020-2023.

Table 6. Summary of Non-Highway Project Funding

(Estimated Cost are in Thousands of Dollars)

FUNDING SOURCE	FUNDING DESCRIPTION	FUNDING TYPE	FY2020	FY2021	FY2022	FY2023
BGANY	Surface Transportation Block Grant Program (Any Area)	Federal	-	3,460	-	-
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	Federal	-	615	-	-
FED	Unidentified Federal Funding	Federal	160	-	-	-
FMPL	Metropolitan Planning	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	65
FUZ	Capital Program - Bus Earmark	Federal	10,330	10,700	10,536	9,777
L	Local	Other	3,498	5,468	3,277	1,997
O	Local, Non Federal or State Funds	Other	2,713	1,085	-	-
S	State	State	622	479	634	389
SMAP	Operating Assistance and State	State	6,407	6,471	6,535	6,601
SRTS	Safe Roads to School	Federal	-	-	241	-
T	Highway Trust Fund	State	9,591	13,083	8,729	5,384
TAANY	Transportation Alternatives Program (Any Area)	Federal	2,495	9,295	5,276	472
TADA	Transportation Alternatives Program (Direct Attributable)	Federal	401	-	-	-
		SUBTOTAL	36,455	50,895	35,470	24,864
		Total	56,970	99,909	69,331	108,007

7. SUMMARY OF FY2020-2023 PROJECT COSTS BY FUNDING SOURCE

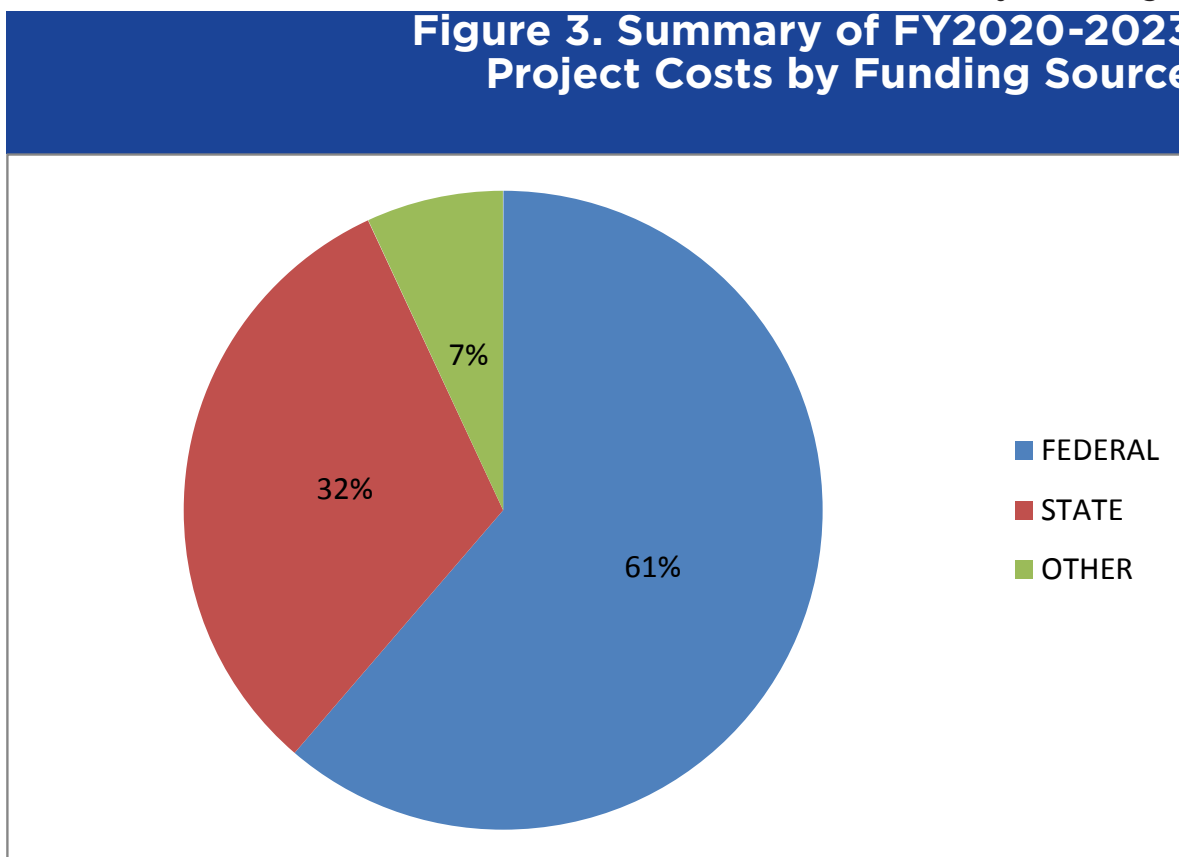
The three primary sources of funding used to fund projects and programs in the DCHC MPO's MTIP are federal, state, and other or local funding. Other or local funding is a combination of funding sources that includes the required local funding share and any other funding contributed from non-federal and 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 FY2020-2023 is just over \$334 million. This is a decrease of seven percent from the first four years of the previous TIP. While the decrease is moderate (there was a 27 percent decrease from FY2016-2019 to FY2018-2021), there is a substantial difference in the funding source allocation. While in this TIP 61 percent of funding is expected to come from federal sources, federal revenues only accounted for approximately 43 percent in the previous TIP. State contributions in the DCHC MPO area have decreased from 49 percent in the previous TIP to 32 percent in this cycle. Revenues from Other funding sources remain relatively unchanged.

Figure 3. Summary of FY2020-2023 Project Costs by Funding Source



FY2020-2029

Transportation Improvement Program

APPENDIX A: PROJECT SHEETS

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.

FY2020-2029

Transportation Improvement Program

DIVISION 5 PROJECTS

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-4943

SR 1616 (Bahama Road) (Bridge)

Project Description

Replace Bridge #20 over Dial Creek (Lake Michie).

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP	PE/Design	Prior Year	\$0	\$0	\$0	\$485,000
STBG-OFF	Right of Way	2017	\$32,000	\$8,000	\$0	\$40,000
STBG-OFF	Utilities	2017	\$52,800	\$13,200	\$0	\$66,000
STBG-OFF	Construction	2018	\$1,160,000	\$290,000	\$0	\$1,450,000
Totals:			\$1,244,800	\$311,200	\$0	\$2,041,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-5674

US 15/501 Northbound (Bridge)

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPB	Right of Way	2020	\$99,000	\$11,000	\$0	\$110,000
NHPB	Construction	2022	\$1,988,100	\$220,900	\$0	\$2,209,000
Totals:			\$2,087,100	\$231,900	\$0	\$2,319,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-4924B

TJCOG TDM

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	PE/Design	Prior Year	\$385,000	\$0	\$430,000	\$815,000
CMAQ (L)	PE/Design	Prior Year	\$458,000	\$0	\$496,000	\$954,000
CMAQ (L)	Implementation	2016	\$505,000	\$0	\$829,000	\$1,334,000
CMAQ (L)	Implementation	2017	\$523,000	\$0	\$858,000	\$1,381,000
CMAQ (L)	Implementation	2018	\$523,000	\$0	\$858,000	\$1,381,000
Totals:			\$2,394,000	\$0	\$3,471,000	\$5,865,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-4928

SR 1317 (Morreene Road)

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.5 miles	Date Awarded	6/24/2015
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	PE/Design	Prior Year	\$795,200	\$0	\$198,800	\$994,000
STBG	Right of Way	2020	\$5,600	\$0	\$1,400	\$7,000
CMAQ (L)	Construction	2021	\$2,331,000	\$0	\$466,200	\$2,797,200
STBG	Construction	2021	\$2,140,000	\$0	\$845,800	\$2,985,800
Totals:			\$5,271,800	\$0	\$1,512,200	\$6,784,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5183B

Sidewalks in Durham (Alston Avenue)

Project Description

Sidewalks along Alston Avenue from Capp Street to Riddle Road.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Right of Way	Prior Year	\$87,200	\$0	\$21,800	\$109,000
CMAQ (L)	Construction	2020	\$565,000	\$0	\$141,000	\$706,000
		Totals:	\$652,200	\$0	\$162,800	\$815,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5572

West Ellerbe Creek Greenway Trail

Project Description

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.

Project Information

Mode	N/A	Project Status	Construction
Project Length	1.5 miles	Date Awarded	6/24/2015
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Construction	2016	\$1,081,600	\$0	\$270,400	\$1,352,000
STBGDA	Construction	2017	\$383,670	\$0	\$95,918	\$479,588
CMAQ (L)	Construction	2017	\$358,640	\$0	\$89,660	\$448,300
		Totals:	\$1,823,910	\$0	\$455,978	\$2,279,888

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605

CMAQ in DCHC MPO Area

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	Prior Year	\$767,200	\$0	\$191,800	\$959,000
CMAQ (L)	Implementation	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Operations	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	PE/Design	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Right of Way	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Construction	2020	\$714,000	\$0	\$179,000	\$893,000
Totals:			\$1,957,200	\$0	\$490,800	\$2,448,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605I

Durham Neighborhood Bike Routes

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	7 mi	Date Awarded	6/21/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	PE/Design	2018	\$75,825	\$0	\$15,165	\$90,990
CMAQ (L)	Construction	2019	\$429,673	\$0	\$111,210	\$540,883
		Totals:	\$505,498	\$0	\$126,375	\$631,873

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605J

TJCOG TDM Program

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	6/14/2017
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-4707A

Old Chapel Hill Rd / Old Durham Rd

Project Description

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.

Project Information

Mode	Highway	Project Status	Construction
Project Length	2.7 miles	Date Awarded	9/14/2007
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP-DA	Right of Way	2017	\$674,000	\$0	\$168,500	\$842,500
STP-DA	Right of Way	2017	\$553,414	\$0	\$138,353	\$691,767
STBGDA	Construction	2019	\$2,577,068	\$0	\$644,267	\$3,221,335
TAP-DA	Construction	2019	\$1,006,636	\$0	\$251,659	\$1,258,295
L	Construction	2019	\$0	\$0	\$128,074	\$128,074
TAP	Construction	2019	\$0	\$525,000	\$0	\$525,000
Totals:			\$4,811,118	\$525,000	\$1,330,853	\$6,666,971

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-4707B

Old Chapel Hill Rd / Old Durham Rd

Project Description

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.

Project Information

Mode	N/A	Project Status	Construction
Project Length	2.7 miles	Date Awarded	6/13/2008
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	Right of Way	2016	\$1,665,426	\$0	\$416,356	\$2,081,782
STP-DA	Construction	2017	\$3,392,850	\$250,000	\$598,212	\$4,241,062
HP	Construction	2017	\$2,002,950	\$0	\$500,738	\$2,503,688
CMAQ (L)	Construction	2019	\$1,710,393	\$0	\$427,598	\$2,137,991
STBGDA	Construction	2019	\$309,812	\$0	\$77,453	\$387,265
Totals:			\$9,081,431	\$250,000	\$2,020,357	\$11,351,788

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5514

NC 751 / SR 1183 / SR 2220

Project Description

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.

Project Information

Mode	Highway	Project Status	Construction
Project Length	3.1 miles	Date Awarded	12/15/2014
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-EB	Construction	2018	\$1,025,000	\$0	\$0	\$1,025,000
STP	Construction	2019	\$724,489	\$0	\$181,122	\$905,611
Totals:			\$1,749,489	\$0	\$181,122	\$1,930,611

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5703

LaSalle Street Sidewalks

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.7 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2016	\$161,152	\$0	\$40,288	\$201,440
TAP	Right of Way	2019	\$411,889	\$0	\$102,972	\$514,861
TAP	Construction	2022	\$1,152,179	\$0	\$288,045	\$1,440,224
Totals:			\$1,725,220	\$0	\$431,305	\$2,156,525

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5704

Raynor Street Sidewalks

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.4 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	Prior Year	\$40,000	\$0	\$10,000	\$50,000
TAP	Right of Way	Prior Year	\$174,400	\$0	\$43,600	\$218,000
TAP	Construction	2021	\$408,000	\$0	\$102,000	\$510,000
Totals:			\$622,400	\$0	\$155,600	\$778,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5708

NC 54 Sidewalks

Project Description

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 for ROW.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.6 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SRTS	PE/Design	Prior Year	\$50,000	\$0	\$0	\$50,000
SRTS	Right of Way	Prior Year	\$226,000	\$0	\$0	\$226,000
SRTS	Construction	2022	\$236,000	\$0	\$0	\$236,000
TAP	Construction	2022	\$204,000	\$0	\$51,000	\$255,000
Totals:			\$716,000	\$0	\$51,000	\$767,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5715

US 501 Bypass (North Duke Street) Sidewalks

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.8 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	Prior Year	\$1,012,800	\$0	\$253,200	\$1,266,000
TAP	Right of Way	2020	\$662,613	\$0	\$165,653	\$828,266
TAP	Construction	2022	\$2,143,990	\$0	\$535,998	\$2,679,988
		Totals:	\$3,819,403	\$0	\$954,851	\$4,774,254

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5720

R. Kelly Bryant Bridge Trail

Project Description

Construct a multi-use path from NC 55 to Drew-Granby Park, using the R. Kelly Bryant Bridge, in Durham. Planning, design, right of way, and construction managed by the City of Durham. Merged with EB-5833 through FY18-27 Amendment #2.

Project Information

Mode	Highway	Project Status	Active
Project Length	3.0 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
L	Planning	Prior Year	\$0	\$0	\$50,000	\$50,000
TAP	PE/Design	Prior Year	\$656,000	\$0	\$164,000	\$820,000
TAP	Right of Way	2020	\$2,800	\$0	\$10,700	\$13,500
TAP	Construction	2021	\$3,524,000	\$0	\$908,000	\$4,432,000
Totals:			\$4,182,800	\$0	\$1,132,700	\$5,315,500

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5834

Guess Road Sidewalks

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5835

Alston Avenue Sidewalks

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5837

Third Fork Creek Trail

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2018	\$453,600	\$0	\$113,400	\$567,000
TAP	Right of Way	2020	\$14,000	\$0	\$3,500	\$17,500
TAP	Construction	2021	\$2,543,798	\$0	\$670,794	\$3,214,592
Totals:			\$3,011,398	\$0	\$787,694	\$3,799,092

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5904

Duke Belt Line Trail

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EE-4905

Ecosystem Enhancement Program

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	PE/Design	Prior Year	\$0	\$20,302,000	\$0	\$20,302,000
Totals:			\$0	\$20,302,000	\$0	\$20,302,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5707

I-40 Auxiliary Lane

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	1.2 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	PE/Design	Prior Year	\$1,602,000	\$178,000	\$0	\$1,780,000
NHP	Right of Way	2021	\$1,102,500	\$122,500	\$0	\$1,225,000
NHP	Utilities	2021	\$49,500	\$5,500	\$0	\$55,000
NHP	Construction	2023	\$1,192,500	\$132,500	\$0	\$1,325,000
NHFP	Construction	2023	\$2,002,500	\$222,500	\$0	\$2,225,000
Totals:			\$5,949,000	\$661,000	\$0	\$6,610,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5729

I-85 Pavement Rehabilitation in Durham County

Project Description

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.)

Project Information

Mode	Highway	Project Status	Construction
Project Length	5.3 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	PE/Design	Prior Year	\$15,000	\$1,666	\$0	\$16,667
NHPIM	Construction	2016	\$7,472,100	\$830,233	\$0	\$8,302,333
Totals:			\$7,487,100	\$831,899	\$0	\$8,319,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5941

I-85 Pavement Rehabilitation

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	2.4 miles	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2025	\$1,919,700	\$213,300	\$0	\$2,133,000
NHPIM	Construction	2026	\$1,919,700	\$213,300	\$0	\$2,133,000
		Totals:	\$3,839,400	\$426,600	\$0	\$4,266,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5942

I-85 Pavement Rehabilitation

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	6.0 miles	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2025	\$4,134,600	\$459,400	\$0	\$4,594,000
NHPIM	Construction	2026	\$4,133,700	\$459,300	\$0	\$4,593,000
Totals:			\$8,268,300	\$918,700	\$0	\$9,187,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5993

I-40 Pavement Rehabilitation

Project Description

Pavement rehabilitation on I-40 from US 15/501 to east of NC 147.

Project Information

Mode	Highway	Project Status	Active
Project Length	9.5 miles	Date Awarded	5/31/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2020	\$3,465,000	\$385,000	\$0	\$3,850,000
NHPIM	Construction Garvee	2020	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction	2021	\$3,465,000	\$385,000	\$0	\$3,850,000
NHPIM	Construction Garvee	2022	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	2024	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	2025	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	2026	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	2027	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	2028	\$772,200	\$85,800	\$0	\$858,000
NHPIM	Construction Garvee	Future Unfunded	\$3,861,000	\$429,000	\$0	\$4,290,000
Totals:			\$16,196,400	\$1,799,600	\$0	\$17,996,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5994

I-40 Bridge Rehabilitation

Project Description

Bridge rehabilitation of multiple structures along I-40 from US 15/501 to east of NC 147.

Project Information

Mode	Highway	Project Status	Active
Project Length	9.5 miles	Date Awarded	5/31/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
S	Construction	2020	\$0	\$1,667,000	\$0	\$1,667,000
NHPIM	Construction	2020	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2021	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2022	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2023	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2024	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2025	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2026	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2027	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	2028	\$386,100	\$42,900	\$0	\$429,000
NHPIM	Garvee					
NHPIM	Construction	Future	\$1,930,500	\$214,500	\$0	\$2,145,000
NHPIM	Garvee	Unfunded				
Totals:			\$5,405,400	\$2,267,600	\$0	\$7,673,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5995

I-40 Pavement Rehabilitation

Project Description

Pavement rehabilitation on I-40 from east of NC 147 to SR 3015 (Airport Boulevard).

Project Information

Mode	Highway	Project Status	Active
Project Length	9.5 miles	Date Awarded	5/31/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
S	Construction	2021	\$0	\$1,333,000	\$0	\$1,333,000
NHPIM	Construction	2021	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2021	\$0	\$0	\$0	\$0
NHPIM	Construction	2022	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2022	\$0	\$0	\$0	\$0
NHPIM	Construction	2023	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2023	\$0	\$0	\$0	\$0
NHPIM	Construction	2024	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2024	\$0	\$0	\$0	\$0
NHPIM	Construction	2025	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2025	\$0	\$0	\$0	\$0
NHPIM	Construction	2026	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2026	\$0	\$0	\$0	\$0
NHPIM	Construction	2027	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2027	\$0	\$0	\$0	\$0
NHPIM	Construction	2028	\$308,700	\$34,300	\$0	\$343,000
NHPIM	Garvee	2028	\$0	\$0	\$0	\$0
NHPIM	Construction	Future	\$1,852,200	\$205,800	\$0	\$2,058,000
NHPIM	Garvee	Unfunded	\$0	\$0	\$0	\$0
Totals:			\$4,321,800	\$1,813,200	\$0	\$6,135,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5998

I-540 Pavement Rehabilitation

Project Description

Pavement rehabilitation of I-540 from I-40 in Durham County to US 70 in Raleigh.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	5/31/2018
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2023	\$3,420,000	\$380,000	\$0	\$3,800,000
		Totals:	\$3,420,000	\$380,000	\$0	\$3,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-6000

I-540 Bridge Rehabilitation

Project Description

Bridge rehabilitation/preservation on I-540 from I-40 in Durham County to US 1 in Raleigh.

Project Information

Mode	Highway	Project Status	Active
Project Length	16.3 miles	Date Awarded	5/31/2018
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2022	\$4,086,900	\$454,100	\$0	\$4,541,000
		Totals:	\$4,086,900	\$454,100	\$0	\$4,541,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-6006

I-40 Managed Motorways

Project Description

Convert I-40 to a managed freeway with ramp metering and other ATM/ITS components. Project extent is from exit 273 (NC 54) in Durham County to exit 289 (Wade Avenue) in Wake County. Project is only for planning and environmental in FY 18-27 TIP.

Project Information

Mode	Highway	Project Status	Active
Project Length	15.8 miles	Date Awarded	4/3/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2025	\$9,000	\$1,000	\$0	\$10,000
NHP	Utilities	2025	\$9,000	\$1,000	\$0	\$10,000
NHP	Construction	2025	\$16,359,300	\$1,817,700	\$0	\$18,177,000
NHP	Construction	2026	\$16,358,400	\$1,817,600	\$0	\$18,176,000
NHP	Construction	2027	\$16,359,300	\$1,817,700	\$0	\$18,177,000
Totals:			\$49,095,000	\$5,455,000	\$0	\$54,550,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-6010

I-85 Widening in Durham County

Project Description

Widen I-85 to six lanes from east of SR 1827 (Midland Terrace) to SR 1632 (Red Mill Road) in Durham County. Project is only for planning and environmental in FY 18-27 TIP.

Project Information

Mode	Highway	Project Status	Active
Project Length	3.2 miles	Date Awarded	4/3/2018
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2027	\$6,750,000	\$750,000	\$0	\$7,500,000
NHP	Utilities	2027	\$6,067,800	\$674,200	\$0	\$6,742,000
NHP	Construction	Future Unfunded	\$47,970,000	\$5,330,000	\$0	\$53,300,000
Totals:			\$60,787,800	\$6,754,200	\$0	\$67,542,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5706

East Durham Siding Norfolk Southern H Line

Project Description

Construction of East Durham Railroad Safety Project. Project will straighten existing railroad curvature between CP Nelson and CP East Durham. Also includes a combination of grade separations and closures at three crossings: Ellis Road - south end (734737A), Glover Road (734735L), and Wrenn Road (734736T).

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$4,928,000	\$0	\$4,928,000
T	Right of Way	2020	\$0	\$9,327,000	\$0	\$9,327,000
T	Construction	2026	\$0	\$10,891,000	\$0	\$10,891,000
O	Construction	2026	\$0	\$167,000	\$0	\$167,000
T	Construction	2027	\$0	\$10,891,000	\$0	\$10,891,000
O	Construction	2027	\$0	\$167,000	\$0	\$167,000
T	Construction	2028	\$0	\$10,891,000	\$0	\$10,891,000
O	Construction	2028	\$0	\$166,000	\$0	\$166,000
Totals:			\$0	\$47,428,000	\$0	\$47,428,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5717

Cornwallis Road Grade Separation

Project Description

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

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2020	\$0	\$125,000	\$0	\$125,000
T	Utilities	2020	\$0	\$94,000	\$0	\$94,000
O	Construction	2020	\$0	\$500,000	\$0	\$500,000
T	Right of Way	2021	\$0	\$2,375,000	\$0	\$2,375,000
T	Utilities	2021	\$0	\$1,784,000	\$0	\$1,784,000
T	Construction	2021	\$0	\$5,200,000	\$0	\$5,200,000
T	Construction	2022	\$0	\$5,200,000	\$0	\$5,200,000
T	Construction	2023	\$0	\$5,200,000	\$0	\$5,200,000
Totals:			\$0	\$20,478,000	\$0	\$20,478,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5719

Passenger Rail Service Expansion - Piedmont Service

Project Description

Purchase five bi-level passenger cars. Break A is acquisition and rebuild of two additional locomotives; total of \$12.612M. Break B acquisition and refurbishment of two coach and one lounge/baggage car; total of \$5.388M. Overall project funding remains \$18M. Breaks approved by NCDOT 11/2/17.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Acquisition	Prior Year	\$0	\$45,277,000	\$0	\$45,277,000
Totals:			\$0	\$45,277,000	\$0	\$45,277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5785

Transportation Alternatives Program - Division 5

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Construction	2016	\$272,000	\$68,000	\$0	\$340,000
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2018	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2019	\$3,200,000	\$800,000	\$0	\$4,000,000
TAP	Construction	2020	\$400,000	\$100,000	\$0	\$500,000
Totals:			\$5,472,000	\$1,368,000	\$0	\$6,840,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4818B

GoTriangle Replacement Bus

Project Description

Replacement bus. 5307 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$4,423,000	\$553,000	\$553,000	\$5,529,000
5307 (FUZ)	Capital	2021	\$770,000	\$96,000	\$96,000	\$962,000
Totals:			\$5,193,000	\$649,000	\$649,000	\$6,491,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4923

GoDurham Replacement Bus

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Capital	Prior Year	\$3,218,400	\$0	\$804,600	\$4,023,000
Totals:			\$3,218,400	\$0	\$804,600	\$4,023,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5019A

GoDurham Replacement Paratransit Vehicle

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	Purchase	Prior Year	\$266,000	\$0	\$66,500	\$332,500
STP-DA	Purchase	Prior Year	\$260,000	\$0	\$65,000	\$325,000
STP-DA	Purchase	2016	\$34,586	\$0	\$8,647	\$43,233
Totals:			\$560,586	\$0	\$140,147	\$700,733

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5123B

GoTriangle Expansion Bus

Project Description

Expansion bus. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$0	\$0	\$0	\$13,062,000
5307 (FUZ)	Capital	2016	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2018	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2020	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2022	\$1,351,000	\$135,000	\$135,000	\$1,621,000
Totals:			\$5,404,000	\$540,000	\$540,000	\$19,546,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5135

GoTriangle Bus Rehabilitation

Project Description

Bus rehabilitation. 5309 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$222,000	\$0	\$55,000	\$277,000
Totals:			\$222,000	\$0	\$55,000	\$277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5144

GoDurham Vehicle Purchases

Project Description

Purchase of buses and para transit vehicle. 5339 Grant.

Project Information

Mode	Highway	Project Status	Obligated
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5339 (FBUS)	Capital	Prior Year	\$640,000	\$0	\$160,000	\$800,000
Totals:			\$640,000	\$0	\$160,000	\$800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5145

GoDurham Bus Refurbishment

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5339 (FBUS)	Capital	Prior Year	\$78,000	\$0	\$20,000	\$98,000
5339 (FBUS)	Capital	2018	\$260,000	\$0	\$66,000	\$326,000
		Totals:	\$338,000	\$0	\$86,000	\$424,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5146

GoDurham Bus Repower

Project Description

Bus repower - 3. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5147

GoDurham Bus Refurbishment

Project Description

Bus refurbishment - 3. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5148

GoTriangle Vanpool Vans

Project Description

Vanpool vans - replacement (8). 5309 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$178,000	\$0	\$46,000	\$224,000
Totals:			\$178,000	\$0	\$46,000	\$224,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5199

GoDurham Bus Replacement

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	Prior Year	\$2,240,000	\$0	\$560,000	\$2,800,000
Totals:			\$2,240,000	\$0	\$560,000	\$2,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5218

GoTriangle Bus Replacement

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$226,000	\$28,000	\$28,000	\$282,000
Totals:			\$226,000	\$28,000	\$28,000	\$282,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5219

GoTriangle Bus Replacement

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	N/A

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5225

GoTriangle Bus & Vanpool Replacement

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	N/A

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6246

Capital - Durham County ACCESS

Project Description

Capital expenses. 5311 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Capital	Prior Year	\$160,000	\$0	\$40,000	\$200,000
Totals:			\$160,000	\$0	\$40,000	\$200,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6668

DRX Expansion Vehicles

Project Description

Purchase expansion vehicles for DRX route.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6669

CRX Expansion Vehicles

Project Description

Purchase expansion buses for CRX route.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Acquisition	2020	\$1,945,000	\$243,000	\$243,000	\$2,431,000
Totals:			\$1,945,000	\$243,000	\$243,000	\$2,431,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6696

GoDurham Bus Replacement

Project Description

Replace a diesel bus with two lift-equipped electric buses. Added to FY18-27 TIP through Amendment #1.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	6/21/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	2018	\$400,000	\$0	\$100,000	\$500,000
CMAQ (L)	Implementation	2019	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$800,000	\$0	\$200,000	\$1,000,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6710

GoDurham Replacement Vehicles

Project Description

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	11/8/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Acquisition	2019	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$400,000	\$0	\$100,000	\$500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6715

GoDurham Electric Bus Replacement

Project Description

Replacement electric buses for GoDurham.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Acquisition	Prior Year	\$2,000,000	\$0	\$500,000	\$2,500,000
Totals:			\$2,000,000	\$0	\$500,000	\$2,500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5267

GoTriangle Maintenance Facility Renovation

Project Description

Maintenance facility renovation. 5309 Grant.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$75,000	\$0	\$19,000	\$94,000
Totals:			\$75,000	\$0	\$19,000	\$94,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5273

GoTriangle Rougemont Park and Ride

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	Acquisition	Prior Year	\$116,000	\$0	\$133,000	\$249,000
Totals:			\$116,000	\$0	\$133,000	\$249,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5286

Roxboro Street Transit Corridor

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Construction	2021	\$1,272,000	\$159,000	\$159,000	\$1,590,000
Totals:			\$1,272,000	\$159,000	\$159,000	\$1,590,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5294

Holloway Street Transit Corridor

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Construction
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Construction	Prior Year	\$954,000	\$106,000	\$106,000	\$1,166,000
Totals:			\$954,000	\$106,000	\$106,000	\$1,166,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4738

GoDurham Routine Capital

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$5,351,200	\$0	\$1,337,800	\$6,689,000
5307 (FUZ)	Capital	2020	\$475,000	\$0	\$119,000	\$594,000
5307 (FUZ)	Capital	2021	\$475,000	\$0	\$119,000	\$594,000
5307 (FUZ)	Capital	2022	\$475,000	\$0	\$119,000	\$594,000
5307 (FUZ)	Capital	2023	\$475,000	\$0	\$119,000	\$594,000
Totals:			\$7,251,200	\$0	\$1,813,800	\$9,065,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4738A

GoDurham Preventative Maintenance

Project Description

Preventative Maintenance

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Operations	Prior Year	\$29,488,000	\$0	\$7,372,000	\$36,860,000
5307 (FUZ)	Operations	2020	\$3,000,000	\$0	\$750,000	\$3,750,000
5307 (FUZ)	Operations	2021	\$3,000,000	\$0	\$750,000	\$3,750,000
5307 (FUZ)	Operations	2022	\$3,000,000	\$0	\$750,000	\$3,750,000
5307 (FUZ)	Operations	2023	\$3,000,000	\$0	\$750,000	\$3,750,000
Totals:			\$41,488,000	\$0	\$10,372,000	\$51,860,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4821B

GoTriangle Routine Capital

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$7,136,800	\$0	\$1,784,200	\$8,921,000
5307 (FUZ)	Capital	2016	\$1,483,000	\$0	\$366,000	\$1,849,000
5307 (FUZ)	Capital	2017	\$1,527,000	\$0	\$382,000	\$1,909,000
5307 (FUZ)	Capital	2018	\$1,573,000	\$0	\$393,000	\$1,966,000
5307 (FUZ)	Capital	2019	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2020	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2021	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2022	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2023	\$1,575,000	\$0	\$394,000	\$1,969,000
		Totals:	\$19,594,800	\$0	\$4,895,200	\$24,490,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5235

GoTriangle Safety and Security Cameras

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Implementation	Prior Year	\$137,000	\$0	\$34,000	\$171,000
Totals:			\$137,000	\$0	\$34,000	\$171,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5250

GoTriangle Shop Equipment

Project Description

Shop Equipment

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$70,000	\$0	\$17,000	\$87,000
Totals:			\$70,000	\$0	\$17,000	\$87,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5251

GoTriangle Routine Capital

Project Description

Routine Capital. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$222,000	\$0	\$55,000	\$277,000
Totals:			\$222,000	\$0	\$55,000	\$277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5255B

Durham Neighborhood Transit Center

Project Description

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.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Implementation	2016	\$528,000	\$0	\$0	\$528,000
T	Implementation	2016	\$0	\$66,000	\$0	\$66,000
L	Implementation	2016	\$0	\$0	\$66,000	\$66,000
Totals:			\$528,000	\$66,000	\$66,000	\$660,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5255E

Durham Neighborhood Transit Center

Project Description

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.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Implementation	2016	\$528,000	\$0	\$0	\$528,000
T	Implementation	2016	\$0	\$66,000	\$0	\$66,000
L	Implementation	2016	\$0	\$0	\$66,000	\$66,000
Totals:			\$528,000	\$66,000	\$66,000	\$660,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-6178A

GoDurham Purchase of Service

Project Description

Purchase of service.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Implementation	Prior Year	\$200,000	\$0	\$50,000	\$250,000
Totals:			\$200,000	\$0	\$50,000	\$250,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TK-6126

Administration - Durham County ACCESS

Project Description

Administration. 5317 New Freedom.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Operations	Prior Year	\$831,000	\$0	\$0	\$831,000
5311 (FNU)	Operations	2020	\$63,000	\$0	\$0	\$63,000
5311 (FNU)	Operations	2021	\$63,000	\$0	\$0	\$63,000
5311 (FNU)	Operations	2022	\$63,000	\$0	\$0	\$63,000
5311 (FNU)	Operations	2023	\$63,000	\$0	\$0	\$63,000
Totals:			\$1,083,000	\$0	\$0	\$1,083,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5307

Planning & Program Administration

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Admin	Prior Year	\$72,000	\$0	\$18,000	\$90,000
Totals:			\$72,000	\$0	\$18,000	\$90,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5310

Expanded Service to Brier Creek

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$231,000	\$0	\$231,000	\$462,000
Totals:			\$231,000	\$0	\$231,000	\$462,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5311

GoTriangle Sunday Routes

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$235,000	\$0	\$235,000	\$470,000
Totals:			\$235,000	\$0	\$235,000	\$470,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-5102

Operating Assistance -New Freedom

Project Description

Operating Assistance -New Freedom 5317 grant - Urban

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Operations	2016	\$630,000	\$0	\$630,000	\$1,260,000
5317 (FNF)	Operations	2020	\$63,000	\$0	\$63,000	\$126,000
5317 (FNF)	Operations	2021	\$63,000	\$0	\$63,000	\$126,000
5317 (FNF)	Operations	2022	\$63,000	\$0	\$63,000	\$126,000
5317 (FNF)	Operations	2023	\$63,000	\$0	\$63,000	\$126,000
Totals:			\$882,000	\$0	\$882,000	\$1,764,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-5132

Capital-Membership in GoTriangle Regional Call Center

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Capital	Prior Year	\$105,000	\$0	\$26,000	\$131,000
Totals:			\$105,000	\$0	\$26,000	\$131,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-5133

Capital - Travel Training (con't)

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Capital	Prior Year	\$24,000	\$0	\$6,000	\$30,000
Totals:			\$24,000	\$0	\$6,000	\$30,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-5134

Planning & Program Administration

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Admin	Prior Year	\$0	\$0	\$0	\$14,000
Totals:			\$0	\$0	\$0	\$14,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5130

GoDurham Operating Assistance

Project Description

Operating Assistance - SMAP grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SMAP	Operations	Prior Year	\$0	\$27,960,000	\$0	\$27,960,000
SMAP	Operations	2020	\$0	\$2,806,000	\$0	\$2,806,000
SMAP	Operations	2021	\$0	\$2,806,000	\$0	\$2,806,000
SMAP	Operations	2022	\$0	\$2,806,000	\$0	\$2,806,000
SMAP	Operations	2023	\$0	\$2,806,000	\$0	\$2,806,000
Totals:			\$0	\$39,184,000	\$0	\$39,184,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5130B

Operating Assistance - New Route

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Operations	Prior Year	\$2,999,200	\$0	\$749,800	\$3,749,000
Totals:			\$2,999,200	\$0	\$749,800	\$3,749,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5202

GoDurham Operating Assistance (5307)

Project Description

5307 Operating Assistance

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Operations	Prior Year	\$262,000	\$0	\$262,000	\$524,000
		Totals:	\$262,000	\$0	\$262,000	\$524,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5203

GoDurham Paratransit Operating (Capital)

Project Description

Paratransit Operating (Capital). 5307 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$399,200	\$0	\$99,800	\$499,000
5307 (FUZ)	Capital	2017	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2018	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2019	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2020	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2021	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2022	\$397,882	\$0	\$99,740	\$497,622
5307 (FUZ)	Capital	2023	\$397,882	\$0	\$99,740	\$497,622
Totals:			\$3,184,374	\$0	\$797,980	\$3,982,354

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-4732A

GoTriangle Planning Assistance

Project Description

Planning Assistance 5307

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307-Planning (FUZ)	Planning	Prior Year	\$4,383,000	\$547,000	\$547,000	\$5,477,000
5307-Planning (FUZ)	Planning	2020	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2021	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2022	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2023	\$590,000	\$74,000	\$74,000	\$738,000
Totals:			\$6,743,000	\$843,000	\$843,000	\$8,429,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-5108

GoDurham Planning Assistance (5303)

Project Description

Planning Assistance - 5303

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5303	Capital	Prior Year	\$1,120,000	\$140,000	\$140,000	\$1,400,000
5303	Capital	2020	\$112,000	\$14,000	\$14,000	\$140,000
5303	Capital	2021	\$112,000	\$14,000	\$14,000	\$140,000
5303	Capital	2022	\$112,000	\$14,000	\$14,000	\$140,000
5303	Capital	2023	\$112,000	\$14,000	\$14,000	\$140,000
Totals:			\$1,568,000	\$196,000	\$196,000	\$1,960,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-5109

GoDurham Planning Assistance - 5307

Project Description

Planning Assistance - 5307

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307-Planning (FUZ)	Capital	Prior Year	\$3,473,600	\$434,200	\$434,200	\$4,342,000
5307-Planning (FUZ)	Capital	2020	\$384,000	\$48,000	\$48,000	\$480,000
5307-Planning (FUZ)	Capital	2021	\$384,000	\$48,000	\$48,000	\$480,000
5307-Planning (FUZ)	Capital	2022	\$384,000	\$48,000	\$48,000	\$480,000
5307-Planning (FUZ)	Capital	2023	\$384,000	\$48,000	\$48,000	\$480,000
Totals:			\$5,009,600	\$626,200	\$626,200	\$6,262,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-3000

GoDurham Reservation, Scheduling, SY & Mobility Services

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$108,800	\$0	\$27,200	\$136,000
Totals:			\$108,800	\$0	\$27,200	\$136,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-3001

OnBoard Durham County ACCESS

Project Description

Purchase of demand response service. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$300,000	\$0	\$75,000	\$375,000
Totals:			\$300,000	\$0	\$75,000	\$375,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-6158

Operating Assistance - Purchase of Service

Project Description

Operating assistance - purchase of service. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$371,000	\$46,000	\$46,000	\$463,000
Totals:			\$371,000	\$46,000	\$46,000	\$463,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-7002

Administration of Section 5310

Project Description

Administration of Section 5310 program. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Admin	Prior Year	\$28,390	\$0	\$0	\$28,390
5310 (FEPD)	Admin	2018	\$48,000	\$0	\$0	\$48,000
5310 (FEPD)	Admin	2019	\$42,958	\$0	\$0	\$42,958
Totals:			\$119,348	\$0	\$0	\$119,348

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-5108

GoDurham Safety & Security - 1% Set Aside

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$362,700	\$0	\$40,300	\$403,000
5307 (FUZ)	Capital	2020	\$39,000	\$0	\$4,000	\$43,000
5307 (FUZ)	Capital	2021	\$39,000	\$0	\$4,000	\$43,000
5307 (FUZ)	Capital	2022	\$39,000	\$0	\$4,000	\$43,000
5307 (FUZ)	Capital	2023	\$39,000	\$0	\$4,000	\$43,000
Totals:			\$518,700	\$0	\$56,300	\$575,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-5119

GoTriangle Safety & Security - 1% Set Aside

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$295,000	\$0	\$33,000	\$328,000
5307 (FUZ)	Capital	2020	\$17,000	\$0	\$2,000	\$19,000
5307 (FUZ)	Capital	2021	\$19,000	\$0	\$0	\$19,000
5307 (FUZ)	Capital	2022	\$17,000	\$0	\$2,000	\$19,000
5307 (FUZ)	Construction	2023	\$17,000	\$0	\$2,000	\$19,000
Totals:			\$365,000	\$0	\$39,000	\$404,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-0071

East End Connector

Project Description

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. Amendment #1 to FY18-27 TIP added STBGDA funds to install sidewalks not covered in original project.

Project Information

Mode	Highway	Project Status	Construction
Project Length	3.2 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$0	\$0	\$65,468,000
STP-DA	Construction	Prior Year	\$238,000	\$0	\$59,000	\$297,000
T	Construction	Prior Year	\$0	\$35,175,000	\$0	\$35,175,000
T	Construction	2016	\$0	\$35,175,000	\$0	\$35,175,000
T	Construction	2017	\$0	\$35,175,000	\$0	\$35,175,000
T	Construction	2018	\$0	\$35,175,000	\$0	\$35,175,000
STBGDA	Construction	2018	\$35,638	\$0	\$8,910	\$44,548
Totals:			\$273,638	\$140,700,000	\$67,910	\$206,509,548

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-3308

NC 55 (Alston Ave)

Project Description

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. Amendment #1 to FY18-27 TIP added STBGDA funds for bicycle and pedestrian enhancements.

Project Information

Mode	Highway	Project Status	Construction
Project Length	1.0 miles	Date Awarded	10/13/2014
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP	PE/Design	Prior Year	\$0	\$2,176,000	\$0	\$2,176,000
STP	Right of Way	Prior Year	\$640,000	\$160,000	\$0	\$800,000
STP	Mitigation	Prior Year	\$22,400	\$5,600	\$0	\$28,000
STP	Utilities	Prior Year	\$5,728,000	\$1,432,000	\$0	\$7,160,000
STP	Construction	Prior Year	\$8,240,000	\$2,060,000	\$0	\$10,300,000
STP-DA	Construction	2016	\$229,000	\$0	\$57,000	\$286,000
STP	Construction	2016	\$8,240,000	\$2,060,000	\$0	\$10,300,000
STP	Construction	2017	\$8,240,000	\$2,060,000	\$0	\$10,300,000
STBGDA	Construction	2018	\$34,397	\$0	\$8,599	\$42,996
Totals:			\$31,373,797	\$9,953,600	\$65,599	\$41,392,996

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4716

Passenger Rail Project Piedmont Corridor

Project Description

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.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$31,776,000	\$0	\$31,776,000
O	Right of Way	Future Unfunded	\$0	\$1,126,000	\$0	\$1,126,000
O	Construction	Future Unfunded	\$0	\$3,160,000	\$0	\$3,160,000
Totals:			\$0	\$36,062,000	\$0	\$36,062,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4724

SR 1158 (Cornwallis Road)

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.2 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	PE/Design	Prior Year	\$685,000	\$0	\$171,000	\$856,000
STP	Right of Way	2019	\$1,785,295	\$0	\$446,324	\$2,231,619
STP	Construction	2021	\$3,408,860	\$0	\$852,215	\$4,261,075
STBGDA	Construction	2021	\$605,610	\$0	\$151,403	\$757,013
Totals:			\$6,484,765	\$0	\$1,620,942	\$8,105,707

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4726

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	PE/Design	Prior Year	\$84,104	\$0	\$21,026	\$105,130
TAP-DA	PE/Design	Prior Year	\$723,184	\$0	\$180,796	\$903,980
TAP-DA	Right of Way	Prior Year	\$747,136	\$0	\$186,784	\$933,920
STBGDA	Right of Way	Prior Year	\$48,080	\$0	\$12,020	\$60,100
STBGDA	Construction	Prior Year	\$7,936,496	\$0	\$2,052,374	\$9,988,870
TAP-DA	Construction	Prior Year	\$750,000	\$0	\$0	\$750,000
TAP-DA	Construction	2020	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$10,689,000	\$0	\$2,553,000	\$13,242,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4727

DCHC MPO Planning Allocation and Work Program

Project Description

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

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Planning	Prior Year	\$13,733,000	\$0	\$0	\$13,733,000
STP-DA	Planning	Prior Year	\$742,000	\$0	\$166,000	\$908,000
STBGDA	Planning	2016	\$1,582,174	\$0	\$395,543	\$1,977,717
5303	Planning	2016	\$136,104	\$17,013	\$17,013	\$170,130
5303	Planning	2016	\$141,656	\$17,707	\$17,707	\$177,070
5307-Planning (FUZ)	Planning	2016	\$162,000	\$0	\$40,500	\$202,500
5307-Planning (FUZ)	Planning	2016	\$236,000	\$0	\$59,000	\$295,000
5307-Planning (FUZ)	Planning	2016	\$684,000	\$0	\$171,000	\$855,000
PL	Planning	2016	\$407,090	\$0	\$101,772	\$508,862
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000

Planning Tomorrow's Transportation

PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000
STBGDA	Planning	2018	\$1,873,000	\$0	\$472,000	\$2,345,000
STBGDA	Planning	2018	\$2,025,000	\$0	\$506,250	\$2,531,250
		Totals:	\$25,307,871	\$69,720	\$2,827,496	\$28,205,087

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5023

DCHC STBGDA - Reserved for Future Programming

Project Description

DCHC MPO STP-DA Funds - Reserved for future programming.

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Construction	2025	\$8,475,200	\$0	\$2,118,800	\$10,594,000
STBGDA	Construction	2026	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2027	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2028	\$8,960,000	\$0	\$2,240,000	\$11,200,000
		Totals:	\$35,355,200	\$0	\$8,838,800	\$44,194,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5516

US 501 (Roxboro Rd)

Project Description

SR 1448 Latta Road / SR 1639 Infinity Road intersection in Durham. Intersection Improvements.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
L	PE/Design	Prior Year	\$0	\$0	\$0	\$110,000
NHP	Right of Way	2021	\$3,906,900	\$434,100	\$2,000,000	\$6,341,000
NHP	Construction	2023	\$7,380,000	\$820,000	\$0	\$8,200,000
Totals:			\$11,286,900	\$1,254,100	\$2,000,000	\$14,651,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5518

US 70 Upgrade

Project Description

Upgrade US 70 from west of TW Alexander Drive (SR 3067) to I-540 in Raleigh to improve capacity, safety, and traffic operations including interchanges at various locations.

Project Information

Mode	Highway	Project Status	Active
Project Length	2.7 miles	Date Awarded	4/4/2019
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	Prior Year	\$11,107,800	\$1,234,200	\$0	\$12,342,000
NHP	Right of Way	2021	\$13,050,000	\$1,450,000	\$0	\$14,500,000
NHP	Utilities	2021	\$11,448,000	\$1,272,000	\$0	\$12,720,000
NHP	Construction	2021	\$8,589,000	\$11,111,000	\$0	\$19,700,000
NHP	Construction Garvee	2021	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction	2022	\$8,589,000	\$11,111,000	\$0	\$19,700,000
NHP	Construction Garvee	2022	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction	2023	\$8,589,000	\$11,111,000	\$0	\$19,700,000
NHP	Construction Garvee	2023	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction Garvee	2024	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction Garvee	2025	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction Garvee	2026	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction Garvee	2027	\$7,722,000	\$858,000	\$0	\$8,580,000
NHP	Construction Garvee	2028	\$7,722,000	\$858,000	\$0	\$8,580,000

Planning Tomorrow's Transportation

NHP	Construction Garvee	Future Unfunded	\$46,332,000	\$5,148,000	\$0	\$51,480,000
Totals:			\$169,480,800	\$49,301,200	\$0	\$218,782,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5717

US 15/501 (and Garrett Road)

Project Description

SR 1116 Garrett Road in Durham. Convert the existing at-grade intersection to an interchange.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	Prior Year	\$0	\$10,700,000	\$0	\$10,700,000
T	Utilities	Prior Year	\$0	\$700,000	\$0	\$700,000
T	Construction	2023	\$0	\$10,667,000	\$0	\$10,667,000
T	Construction	2024	\$0	\$10,667,000	\$0	\$10,667,000
T	Construction	2025	\$0	\$10,666,000	\$0	\$10,666,000
Totals:			\$0	\$43,400,000	\$0	\$43,400,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5720A

US 70 (Miami Boulevard) - Lynn Road to Miami Boulevard

Project Description

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 5.0 miles.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.6 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$2,000,000	\$0	\$2,000,000
T	Utilities	2022	\$0	\$650,000	\$0	\$650,000
T	Right of Way	2023	\$0	\$14,450,000	\$0	\$14,450,000
T	Utilities	2023	\$0	\$650,000	\$0	\$650,000
T	Construction	2023	\$0	\$13,537,000	\$0	\$13,537,000
T	Right of Way	2024	\$0	\$14,450,000	\$0	\$14,450,000
T	Construction	2027	\$0	\$8,125,000	\$0	\$8,125,000
T	Construction	2028	\$0	\$8,125,000	\$0	\$8,125,000
T	Construction	Future Unfunded	\$0	\$8,125,000	\$0	\$8,125,000
Totals:			\$0	\$70,112,000	\$0	\$70,112,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5720B

US 70 (Miami Boulevard) Upgrades - Miami Boulevard Intersection Improvements

Project Description

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 5.0 miles.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2024	\$0	\$21,400,000	\$0	\$21,400,000
T	Utilities	2024	\$0	\$700,000	\$0	\$700,000
T	Right of Way	2025	\$0	\$21,400,000	\$0	\$21,400,000
T	Utilities	2025	\$0	\$700,000	\$0	\$700,000
T	Construction	2027	\$0	\$7,250,000	\$0	\$7,250,000
T	Construction	2028	\$0	\$7,250,000	\$0	\$7,250,000
T	Construction	2029	\$0	\$7,250,000	\$0	\$7,250,000
T	Construction	Future Unfunded	\$0	\$7,250,000	\$0	\$7,250,000
Totals:			\$0	\$73,200,000	\$0	\$73,200,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5720D

US 70 Upgrades - Page Road to Alexander Drive

Project Description

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. Phase D currently unfunded.

Project Information

Mode	Highway	Project Status	Inactive
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5745

NC 751 (Hope Valley Road)

Project Description

SR 1183 (University Dr) intersection in Durham. Construct a roundabout. Coordinate with EB-5514.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$100,500	\$0	\$100,500
T	Right of Way	Prior Year	\$0	\$348,000	\$0	\$348,000
T	Construction	Prior Year	\$0	\$2,300,500	\$0	\$2,300,500
T	Engineering	2020	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2020	\$0	\$86,000	\$0	\$86,000
T	Engineering	2021	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2021	\$0	\$86,000	\$0	\$86,000
T	Engineering	2022	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2022	\$0	\$86,000	\$0	\$86,000
T	Engineering	2023	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2023	\$0	\$86,000	\$0	\$86,000
T	Engineering	2024	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2024	\$0	\$86,000	\$0	\$86,000
T	Engineering	2025	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2025	\$0	\$86,000	\$0	\$86,000
T	Engineering	2026	\$0	\$37,000	\$0	\$37,000
T	Construction	2026	\$0	\$86,000	\$0	\$86,000

Planning Tomorrow's Transportation

	Bond					
T	Engineering	2027	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2027	\$0	\$86,000	\$0	\$86,000
T	Engineering	2028	\$0	\$37,000	\$0	\$37,000
T	Construction Bond	2028	\$0	\$86,000	\$0	\$86,000
T	Engineering	Future Unfunded	\$0	\$185,000	\$0	\$185,000
T	Construction Bond	Future Unfunded	\$0	\$344,000	\$0	\$344,000
Totals:			\$0	\$4,385,000	\$0	\$4,385,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774B

NC 54 Improvements - Fordham to Barbee Chapel

Project Description

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.

Break B for this project is improvements to NC 54 from US 15/501 (Fordham Boulevard) 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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.7 miles	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2025	\$9,000,000	\$1,000,000	\$0	\$10,000,000
T	Utilities	2025	\$900,000	\$100,000	\$0	\$1,000,000
T	Utilities	Future Unfunded	\$18,540,000	\$2,060,000	\$0	\$20,600,000
Totals:			\$28,440,000	\$3,160,000	\$0	\$31,600,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774C

NC 54 Upgrades - Barbee Chapel to I-40

Project Description

Entire project is to Upgrade NC 54 from Fordham Boulevard in Orange County to NC 55 in Durham County. Break C is to upgrade NC 54 from Barbee Chapel Road in Orange County to I-40 in Durham County.

Project Information

Mode	Highway	Project Status	Active
Project Length	2.2 miles	Date Awarded	9/6/2019
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill, City of Durham	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2025	\$0	\$2,000,000	\$0	\$2,000,000
T	Utilities	2025	\$0	\$1,000,000	\$0	\$1,000,000
T	Construction	Future Unfunded	\$0	\$15,800,000	\$0	\$15,800,000
Totals:			\$0	\$18,800,000	\$0	\$18,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774F

NC 54 Upgrades - Grade Separations at Falconbridge, Farrington, and I-40

Project Description

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.

Break F of the project is the I-40/NC 54 interchange improvements, which include grade separations at Falconbridge and Farrington roads. Previous breaks D and E were incorporated into break F in P4.0.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.3 miles	Date Awarded	9/6/2019
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2025	\$16,200,000	\$1,800,000	\$0	\$18,000,000
NHP	Utilities	2025	\$720,000	\$80,000	\$0	\$800,000
NHP	Right of Way	2026	\$16,200,000	\$1,800,000	\$0	\$18,000,000
NHP	Right of Way	2027	\$16,200,000	\$1,800,000	\$0	\$18,000,000
NHP	Construction	Future Unfunded	\$26,527,500	\$2,947,500	\$0	\$29,475,000
Totals:			\$75,847,500	\$8,427,500	\$0	\$84,275,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774G

NC 54 Upgrades - I-40 to NC 751

Project Description

Entire project is to upgrade NC 54 from Fordham Boulevard in Orange County to NC 55 in Durham County. Total project is 9.2 miles.

Break G is from I-40 to NC 751. This project has not scored high enough in SPOT to be funded.

Project Information

Mode	Highway	Project Status	Unfunded
Project Length	1.2 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774H

NC 54 Upgrades - NC 751 to Fayetteville Road

Project Description

Entire project is to upgrade NC 54 from Fordham Boulevard in Orange County to NC 55 in Durham County. Total project length is 9.2 miles.

Break H is from NC 751 to Fayetteville Road. Break H was funded in the development program in SPOT 4, but did not score high enough to be funded in SPOT 5.

Project Information

Mode	Highway	Project Status	Unfunded
Project Length	2.0 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	Future Unfunded	\$0	\$5,900,000	\$0	\$5,900,000
T	Utilities	Future Unfunded	\$0	\$2,500,000	\$0	\$2,500,000
T	Construction	Future Unfunded	\$0	\$13,200,000	\$0	\$13,200,000
Totals:			\$0	\$21,600,000	\$0	\$21,600,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774I

NC 54 Upgrades - Fayetteville Road to Barbee Road

Project Description

Entire project is to upgrade NC 54 from Fordham Boulevard in Orange County to NC 55 in Durham County. Total project length is 9.2 miles.

Break I is from Fayetteville Road to Barbee Road. This project has not scored well enough in SPOT to be funded.

Project Information

Mode	Highway	Project Status	Unfunded
Project Length	1.1 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774J

NC 54 Upgrades - Barbee Road to NC 55

Project Description

Entire project is to upgrade NC 54 from Fordham Boulevard in Orange County to NC 55 in Durham County. Total project length is 9.2 miles.

Break J is from Barbee Road to NC 55. This project has not scored well enough in SPOT to be funded.

Project Information

Mode	Highway	Project Status	Unfunded
Project Length	1.5 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5823

Woodcroft Parkway Extension

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.2 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	PE/Design	Prior Year	\$535,500	\$0	\$59,500	\$595,000
STP	Right of Way	2020	\$301,000	\$0	\$75,000	\$376,000
STP	Utilities	2020	\$36,000	\$0	\$9,000	\$45,000
STP	Construction	2021	\$1,438,000	\$0	\$360,000	\$1,798,000
Totals:			\$2,310,500	\$0	\$503,500	\$2,814,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5934

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

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	3.9 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2024	\$742,000	\$83,000	\$0	\$825,000
NHP	Utilities	2024	\$1,191,000	\$132,000	\$0	\$1,323,000
NHP	Construction	2024	\$7,970,000	\$885,000	\$0	\$8,855,000
NHP	Construction	2025	\$37,854,900	\$4,206,100	\$0	\$42,061,000
NHP	Construction	2026	\$37,854,900	\$4,206,100	\$0	\$42,061,000
NHP	Construction	2027	\$37,854,900	\$4,206,100	\$0	\$42,061,000
NHP	Construction	2028	\$37,855,800	\$4,206,200	\$0	\$42,062,000
Totals:			\$161,323,500	\$17,924,500	\$0	\$179,248,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5937

NC 147 auxiliary lanes from South Duke Street to Briggs Avenue

Project Description

Construct auxiliary lanes and operational improvements on NC 147 from South Duke Street to Briggs Avenue. Amendment #7 to the FY2018-2027 TIP extended the western terminus to Chapel Hill Street.

Project Information

Mode	Highway	Project Status	Active
Project Length	3.0 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2023	\$0	\$4,950,000	\$0	\$4,950,000
T	Utilities	2023	\$0	\$594,000	\$0	\$594,000
T	Right of Way	2024	\$0	\$4,950,000	\$0	\$4,950,000
T	Utilities	2024	\$0	\$594,000	\$0	\$594,000
T	Construction	2027	\$0	\$11,750,000	\$0	\$11,750,000
T	Construction	2028	\$0	\$11,750,000	\$0	\$11,750,000
T	Construction	Future Unfunded	\$0	\$11,750,000	\$0	\$11,750,000
Totals:			\$0	\$46,338,000	\$0	\$46,338,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5968

City of Durham Signal System Upgrade

Project Description

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

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$3,513,000	\$895,000	\$52,000	\$4,460,000
STBG	Utilities	Prior Year	\$468,000	\$132,000	\$8,000	\$608,000
S	Utilities	Prior Year	\$0	\$142,000	\$0	\$142,000
STBG	Construction	Prior Year	\$6,690,000	\$1,575,000	\$219,000	\$8,484,000
S	Construction	Prior Year	\$0	\$1,385,000	\$0	\$1,385,000
STBG	Construction	2020	\$4,548,000	\$1,137,000	\$0	\$5,685,000
S	Construction	2020	\$0	\$1,421,000	\$0	\$1,421,000
STBG	Construction	2021	\$4,547,000	\$1,137,000	\$0	\$5,684,000
S	Construction	2021	\$0	\$1,421,000	\$0	\$1,421,000
Totals:			\$19,766,000	\$9,245,000	\$279,000	\$29,290,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6021

Fayetteville Road Widening, Woodcroft Parkway to Barbee Road

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	1.4 miles	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Planning/Design/PE	Prior Year	\$0	\$500,000	\$0	\$500,000
T	Right of Way	2021	\$0	\$5,151,000	\$0	\$5,151,000
T	Utilities	2021	\$0	\$2,460,000	\$0	\$2,460,000
T	Construction	2023	\$0	\$3,770,000	\$0	\$3,770,000
T	Construction Bond	2023	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	2024	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	2025	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	2026	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	2027	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	2028	\$0	\$858,000	\$0	\$858,000
T	Construction Bond	Future Unfunded	\$0	\$6,864,000	\$0	\$6,864,000
Totals:			\$0	\$23,893,000	\$0	\$23,893,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6067

US 15/501 Upgrade

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	2.0 miles	Date Awarded	8/1/2017
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2025	\$0	\$16,667,000	\$0	\$16,667,000
T	Utilities	2025	\$0	\$1,667,000	\$0	\$1,667,000
T	Right of Way	2026	\$0	\$16,667,000	\$0	\$16,667,000
T	Utilities	2026	\$0	\$1,667,000	\$0	\$1,667,000
T	Right of Way	2027	\$0	\$16,666,000	\$0	\$16,666,000
T	Utilities	2027	\$0	\$1,666,000	\$0	\$1,666,000
T	Construction	Future Unfunded	\$0	\$105,225,000	\$0	\$105,225,000
Totals:			\$0	\$160,225,000	\$0	\$160,225,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6118

NC 55 Southbound Lane

Project Description

Add third southbound lane on NC 55 from Meridian Parkway to I-40. Upgrade I-40 ramp terminals.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.2 miles	Date Awarded	9/6/2018
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2028	\$0	\$100,000	\$0	\$100,000
T	Utilities	2028	\$0	\$100,000	\$0	\$100,000
T	Construction	2028	\$0	\$2,900,000	\$0	\$2,900,000
Totals:			\$0	\$3,100,000	\$0	\$3,100,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6219

DCHC TAP-DA - Reserved for Future Programming

Project Description

Project Information

Mode	Multi-Use	Project Status	Other
Project Length	N/A	Date Awarded	9/6/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP-DA	Construction	2025	\$320,000	\$0	\$80,000	\$400,000
TAP-DA	Construction	2026	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2027	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2028	\$640,000	\$0	\$160,000	\$800,000
Totals:			\$2,240,000	\$0	\$560,000	\$2,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5205

Highway Safety Projects

Project Description

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

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$23,285	\$2,588	\$0	\$25,873
HSIP	Construction	Prior Year	\$9,486,715	\$1,053,412	\$0	\$10,540,127
Totals:			\$9,510,000	\$1,056,000	\$0	\$10,566,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5705DIV

Division 5 Safety Improvements

Project Description

Safety improvements at various location in Division 5.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5705REG

Division 5 Safety Improvements

Project Description

Safety improvements at various locations in Division 5 for Regional Projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	2016	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5705SW

Division 5 Safety Improvements

Project Description

Safety improvements at various locations in Division 5 for Statewide Mobility projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	N/A	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2020	\$216,000	\$24,000	\$0	\$240,000
Totals:			\$2,015,370	\$223,930	\$0	\$2,239,300

FY2020-2029

Transportation Improvement Program

DIVISION 7 PROJECTS

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-5348

Sr 1005 (Old Greensboro Rd) (Bridge)

Project Description

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

Project Information

Mode	N/A	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HFB	Other	Prior Year	\$0	\$300,000	\$0	\$300,000
HFB	Construction	Prior Year	\$0	\$950,000	\$0	\$950,000
HFB	Right of Way	2017	\$0	\$95,000	\$0	\$95,000
Totals:			\$0	\$1,345,000	\$0	\$1,345,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-6037

NC 86 Bridge 670049

Project Description

Replace bridge 670049 on NC 86 over NCRR/NS railroad.

Project Information

Mode	Highway	Project Status	Draft
Project Length	N/A	Date Awarded	9/6/2018
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPB	Right of Way	2021	\$225,000	\$25,000	\$0	\$250,000
NHPB	Construction	2023	\$2,250,000	\$250,000	\$0	\$2,500,000
		Totals:	\$2,475,000	\$275,000	\$0	\$2,750,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-4924B

TJCOG TDM

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	PE/Design	Prior Year	\$385,000	\$0	\$430,000	\$815,000
CMAQ (L)	PE/Design	Prior Year	\$458,000	\$0	\$496,000	\$954,000
CMAQ (L)	Implementation	2016	\$505,000	\$0	\$829,000	\$1,334,000
CMAQ (L)	Implementation	2017	\$523,000	\$0	\$858,000	\$1,381,000
CMAQ (L)	Implementation	2018	\$523,000	\$0	\$858,000	\$1,381,000
Totals:			\$2,394,000	\$0	\$3,471,000	\$5,865,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5179

SR 1750 (North Estes Drive)

Project Description

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.

Project Information

Mode	Highway	Project Status	Obligated
Project Length	1.9 miles (total for 2 segments)	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	PE/Design	Prior Year	\$204,800	\$0	\$51,200	\$256,000
CMAQ (L)	Right of Way	2017	\$240,000	\$0	\$60,000	\$300,000
STBGDA	PE/Design	2019	\$100,000	\$0	\$25,000	\$125,000
CMAQ (L)	Construction	2019	\$2,646,618	\$0	\$661,655	\$3,308,273
STBGDA	Construction	2019	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$3,591,418	\$0	\$897,855	\$4,489,273

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5181

Jones Creek Greenway

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.4 miles	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	PE/Design	Prior Year	\$80,000	\$0	\$20,000	\$100,000
CMAQ (L)	Implementation	2020	\$9,600	\$0	\$2,400	\$12,000
CMAQ (L)	Construction	2020	\$523,000	\$0	\$131,000	\$654,000
Totals:			\$612,600	\$0	\$153,400	\$766,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5184

Riverwalk Trail

Project Description

Riverwalk Trail, Phase III in Hillsborough. Construct a paved off-road trail 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. Planning, design, right of way, and construction are in progress by the Town of Hillsborough.

Project Information

Mode	N/A	Project Status	Construction
Project Length	0.3 miles	Date Awarded	11/19/2012
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	PE/Design	Prior Year	\$48,000	\$0	\$12,000	\$60,000
CMAQ (L)	Right of Way	2016	\$80,000	\$0	\$20,000	\$100,000
CMAQ (L)	Construction	2016	\$360,000	\$0	\$90,000	\$450,000
CMAQ (L)	Construction	2019	\$518,850	\$0	\$129,713	\$648,563
Totals:			\$1,006,850	\$0	\$251,713	\$1,258,563

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605

CMAQ in DCHC MPO Area

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	Prior Year	\$767,200	\$0	\$191,800	\$959,000
CMAQ (L)	Implementation	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Operations	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	PE/Design	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Right of Way	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Construction	2020	\$714,000	\$0	\$179,000	\$893,000
Totals:			\$1,957,200	\$0	\$490,800	\$2,448,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605J

TJCOG TDM Program

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	6/14/2017
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5650

South Greensboro Street Sidewalks

Project Description

Construct 3,100 linear feet of sidewalk on one side of South Greensboro Street in Carrboro. This project replaces U-4726Dx. Included in TIP through Amendment #1.

Project Information

Mode	Highway	Project Status	Active
Project Length	3,100 lf	Date Awarded	6/21/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Planning/Design/PE	2019	\$84,104	\$0	\$21,026	\$105,130
STBG	Right of Way	2020	\$100,000	\$0	\$25,000	\$125,000
CMAQ (L)	Construction	2021	\$440,000	\$0	\$110,000	\$550,000
STBG	Construction	2021	\$530,000	\$0	\$132,500	\$662,500
L	Construction	2021	\$0	\$0	\$506,000	\$506,000
Totals:			\$1,154,104	\$0	\$794,526	\$1,948,630

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-4707A

Old Chapel Hill Rd / Old Durham Rd

Project Description

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.

Project Information

Mode	Highway	Project Status	Construction
Project Length	2.7 miles	Date Awarded	9/14/2007
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP-DA	Right of Way	2017	\$674,000	\$0	\$168,500	\$842,500
STP-DA	Right of Way	2017	\$553,414	\$0	\$138,353	\$691,767
STBGDA	Construction	2019	\$2,577,068	\$0	\$644,267	\$3,221,335
TAP-DA	Construction	2019	\$1,006,636	\$0	\$251,659	\$1,258,295
L	Construction	2019	\$0	\$0	\$128,074	\$128,074
TAP	Construction	2019	\$0	\$525,000	\$0	\$525,000
Totals:			\$4,811,118	\$525,000	\$1,330,853	\$6,666,971

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5721

Orange County Bicycle Route 1

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.7 miles	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	PE/Design	Prior Year	\$88,000	\$0	\$22,000	\$110,000
TAP	PE/Design	Prior Year	\$8,000	\$0	\$2,000	\$10,000
TAP	Construction	2020	\$775,000	\$0	\$194,000	\$969,000
Totals:			\$871,000	\$0	\$218,000	\$1,089,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5880

Jones Ferry Road Sidewalk

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2022	\$71,000	\$0	\$18,000	\$89,000
TAP	Right of Way	2023	\$25,000	\$0	\$6,000	\$31,000
TAP	Construction	2024	\$353,000	\$0	\$88,000	\$441,000
		Totals:	\$449,000	\$0	\$112,000	\$561,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5886A

Estes Drive Bike/Ped - Carrboro

Project Description

Construct bike/ped improvements on Estes Drive from North Greensboro Street to south of the railroad tracks in Carrboro. Planning, design, and ROW managed by the Town of Carrboro.

Amendment #4 to the FY18-27 TIP broke the projects into A and B sections. Section A is in Carrboro from North Greensboro Street to south of the railroad tracks. Section B is in Chapel Hill from south of the railroad tracks to NC 86.

Connects to Frances Shetley Bikeway.

Project Information

Mode	Bicycle	Project Status	Active
Project Length	0.4 miles	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2020	\$135,655	\$0	\$33,914	\$169,569
TAP	Right of Way	2021	\$37,114	\$0	\$9,279	\$46,393
TAP	Construction	2022	\$678,274	\$0	\$169,568	\$847,842
Totals:			\$851,043	\$0	\$212,761	\$1,063,804

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5886B

Estes Road Bike/Ped - Chapel Hill

Project Description

Construct bike/ped improvements on Estes Drive from NC 86 (Martin Luther King, Jr. Parkway) to the railroad tracks in Chapel Hill. Planning, design, and ROW managed by the Town of Chapel Hill.

Amendment #4 to the FY18-27 TIP broke the projects into A and B sections. Section A is in Carrboro from North Greensboro Street to south of the railroad tracks. Section B is in Chapel Hill from south of the railroad tracks to NC 86.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.3 miles	Date Awarded	6/7/2018
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Right of Way	2020	\$691,000	\$0	\$173,000	\$864,000
TAP	Construction	2021	\$2,483,000	\$0	\$621,000	\$3,104,000
Totals:			\$3,174,000	\$0	\$794,000	\$3,968,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5890

Barnes Street Sidewalk

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2022	\$37,000	\$0	\$9,000	\$46,000
TAP	Right of Way	2023	\$13,000	\$0	\$3,000	\$16,000
TAP	Construction	2024	\$184,000	\$0	\$46,000	\$230,000
Totals:			\$234,000	\$0	\$58,000	\$292,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5994

NC 54 Sidepath

Project Description

Construct a sidepath along north side of NC 54 from James Street to Anderson Park in Carrboro.

Project Information

Mode	Bicycle	Project Status	Active
Project Length	0.7 miles	Date Awarded	9/5/2019
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2022	\$190,000	\$0	\$48,000	\$238,000
TAP	Right of Way	2024	\$34,000	\$0	\$9,000	\$43,000
TAP	Construction	2026	\$950,000	\$0	\$238,000	\$1,188,000
Totals:			\$1,174,000	\$0	\$295,000	\$1,469,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5998

Fordham Boulevard Sidepath

Project Description

Construct a multiuse path on Fordham Boulevard from Willow Drive to Old Durham-Chapel Hill Road. Connect to EB-5721 on the south and EB-4707 on the north. Coordinate with U-5304.

Project Information

Mode	Bicycle	Project Status	Active
Project Length	1.2 miles	Date Awarded	9/5/2019
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	PE/Design	2022	\$163,000	\$0	\$41,000	\$204,000
TAP	Construction	2024	\$1,635,000	\$0	\$409,000	\$2,044,000
Totals:			\$1,798,000	\$0	\$450,000	\$2,248,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EE-4907

Ecosystem Enhancement Program

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	PE/Design	Prior Year	\$0	\$18,169,000	\$0	\$18,169,000
Totals:			\$0	\$18,169,000	\$0	\$18,169,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EL-4828

Morgan Creek Greenway (West)

Project Description

Western section, SR 1919 (Smith Level Road) to University Lake in Carrboro. Construct greenway and connections. As part of TIP Amendment #6, Phase 2 was deleted.
 Planning, design, right of way, and construction for this project are by the Town of Carrboro.

Project Information

Mode	Highway	Project Status	Construction
Project Length	1.3 miles	Date Awarded	2/12/2008
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	PE/Design	2016	\$627,200	\$0	\$156,800	\$784,000
STBGDA	Construction	2019	\$298,000	\$0	\$74,000	\$372,000
TAP-DA	Construction	2019	\$730,000	\$0	\$182,000	\$912,000
Totals:			\$1,655,200	\$0	\$412,800	\$2,068,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-0305

I-85 Widening in Orange County

Project Description

Widen I-85 to six lanes from west of SR 1006 (Orange Grove Road) in Orange County to west of SR 1400 (Sparger Road) in Durham County. Eastern extent of project is approximately the county line. Project is only for planning and environmental work in FY18-27 TIP.

Project Information

Mode	Highway	Project Status	Active
Project Length	7.8 miles	Date Awarded	4/3/2018
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2025	\$810,000	\$90,000	\$0	\$900,000
NHP	Utilities	2025	\$450,000	\$50,000	\$0	\$500,000
NHP	Construction	Future Unfunded	\$89,100,000	\$9,900,000	\$0	\$99,000,000
Totals:			\$90,360,000	\$10,040,000	\$0	\$100,400,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-3306AA

I-40 Widening in Orange County

Project Description

Widen I-40 in Orange County from I-85 to NC 86.

Project Information

Mode	Highway	Project Status	Draft
Project Length	7.82 miles	Date Awarded	9/6/2019
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2020	\$225,000	\$25,000	\$0	\$250,000
NHP	Utilities	2020	\$88,200	\$9,800	\$0	\$98,000
NHP	Construction	2023	\$12,701,700	\$1,411,300	\$0	\$14,113,000
NHP	Construction	2024	\$12,701,700	\$1,411,300	\$0	\$14,113,000
NHP	Construction	2025	\$12,700,800	\$1,411,200	\$0	\$14,112,000
NHP	Construction	2026	\$12,700,800	\$1,411,200	\$0	\$14,112,000
Totals:			\$51,118,200	\$5,679,800	\$0	\$56,798,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-3306AB

I-40 Widening in Orange County

Project Description

Widen I-40 in Orange County from NC 86 to US 15-501.

Project Information

Mode	Highway	Project Status	Active
Project Length	3.9 miles	Date Awarded	9/6/2019
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2020	\$225,000	\$25,000	\$0	\$250,000
NHP	Utilities	2020	\$87,300	\$9,700	\$0	\$97,000
NHP	Construction	2022	\$12,701,700	\$1,411,300	\$0	\$14,113,000
NHP	Construction	2023	\$12,701,700	\$1,411,300	\$0	\$14,113,000
NHP	Construction	2024	\$12,700,800	\$1,411,200	\$0	\$14,112,000
NHP	Construction	2025	\$12,700,800	\$1,411,200	\$0	\$14,112,000
Totals:			\$51,117,300	\$5,679,700	\$0	\$56,797,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-3306AC

I-40/NC-86 Interchange Improvements

Project Description

Interchange improvements to the I-85/NC-86 interchange. Planning and design in progress as of September 2019.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2020	\$1,102,500	\$122,500	\$0	\$1,225,000
NHP	Utilities	2020	\$135,000	\$15,000	\$0	\$150,000
NHP	Right of Way	2021	\$3,307,500	\$367,500	\$0	\$3,675,000
NHP	Utilities	2021	\$106,200	\$11,800	\$0	\$118,000
NHP	Construction	2022	\$3,420,000	\$380,000	\$0	\$3,800,000
NHP	Construction	2023	\$3,420,000	\$380,000	\$0	\$3,800,000
NHP	Construction	2024	\$3,420,000	\$380,000	\$0	\$3,800,000
NHP	Construction	2025	\$3,420,000	\$380,000	\$0	\$3,800,000
Totals:			\$18,331,200	\$2,036,800	\$0	\$20,368,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5958

I-40/I-85 Pavement Rehabilitation

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	7.1 miles	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2024	\$3,910,500	\$434,500	\$0	\$4,345,000
NHPIM	Construction	2025	\$3,910,500	\$434,500	\$0	\$4,345,000
		Totals:	\$7,821,000	\$869,000	\$0	\$8,690,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5959

I-85 Pavement Rehabilitation

Project Description

Pavement rehabilitation on I-85 from SR 1006 (Orange Grove Road) to the Durham County line.

Project Information

Mode	Highway	Project Status	Active
Project Length	7.5 miles	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2025	\$10,040,000	\$1,115,000	\$0	\$11,155,000
		Totals:	\$10,040,000	\$1,115,000	\$0	\$11,155,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5967

I-85 Interchange Improvements at South Churton

Project Description

Interchange improvements on I-85 at South Churton Street in Hillsborough.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2022	\$742,500	\$82,500	\$0	\$825,000
NHP	Utilities	2022	\$112,500	\$12,500	\$0	\$125,000
NHP	Right of Way	2023	\$2,227,500	\$247,500	\$0	\$2,475,000
NHP	Utilities	2023	\$337,500	\$37,500	\$0	\$375,000
NHP	Construction	2025	\$5,070,600	\$563,400	\$0	\$5,634,000
NHP	Construction	2026	\$5,069,700	\$563,300	\$0	\$5,633,000
NHP	Construction	2027	\$5,069,700	\$563,300	\$0	\$5,633,000
Totals:			\$18,630,000	\$2,070,000	\$0	\$20,700,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-5984

I-85/NC-86 Interchange

Project Description

Upgrade I-85/NC-86 interchange in Hillsborough.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Right of Way	2024	\$1,710,000	\$190,000	\$0	\$1,900,000
NHP	Utilities	2024	\$2,070,000	\$230,000	\$0	\$2,300,000
NHP	Construction	2026	\$9,405,000	\$1,045,000	\$0	\$10,450,000
NHP	Construction	2027	\$9,405,000	\$1,045,000	\$0	\$10,450,000
Totals:			\$22,590,000	\$2,510,000	\$0	\$25,100,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5701

Hillsborough Rail Station: Norfolk Southern H Line

Project Description

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.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	PL/ENV (NEPA)	Prior Year	\$0	\$810,000	\$0	\$810,000
T	Construction	2021	\$0	\$3,315,000	\$570,000	\$3,885,000
T	Construction	2022	\$0	\$3,315,000	\$0	\$3,315,000
Totals:			\$0	\$7,440,000	\$570,000	\$8,010,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5719

Passenger Rail Service Expansion - Piedmont Service

Project Description

Purchase five bi-level passenger cars. Break A is acquisition and rebuild of two additional locomotives; total of \$12.612M. Break B acquisition and refurbishment of two coach and one lounge/baggage car; total of \$5.388M. Overall project funding remains \$18M. Breaks approved by NCDOT 11/2/17.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Acquisition	Prior Year	\$0	\$45,277,000	\$0	\$45,277,000
Totals:			\$0	\$45,277,000	\$0	\$45,277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5787

Transportation Alternatives Program - Division 7

Project Description

Division 7 Transportation Alternatives Program (TAP) at various locations.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Construction	2016	\$272,000	\$68,000	\$0	\$340,000
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2018	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2019	\$3,200,000	\$800,000	\$0	\$4,000,000
TAP	Construction	2020	\$400,000	\$100,000	\$0	\$500,000
		Totals:	\$5,472,000	\$1,368,000	\$0	\$6,840,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5821A

NC 54 Operational Improvements

Project Description

Construct operational improvements, including bicycle/pedestrian accommodations, from SR 1006 (Orange Grove Road) to ST1107/1937 (Old Fayetteville Road).

Project Information

Mode	Highway	Project Status	Active
Project Length	6.1 miles	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2020	\$0	\$630,000	\$0	\$630,000
T	Utilities	2020	\$0	\$100,000	\$0	\$100,000
T	Construction	2022	\$0	\$3,194,000	\$0	\$3,194,000
Totals:			\$0	\$3,924,000	\$0	\$3,924,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4726

CHT Replacement Bus

Project Description

Replacement Buses. 5309/5339 Grant.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307-Planning (FUZ)	Capital	Prior Year	\$33,159,200	\$0	\$8,289,800	\$41,449,000
5307-Planning (FUZ)	Capital	2020	\$1,939,000	\$242,000	\$242,000	\$2,423,000
5307-Planning (FUZ)	Capital	2021	\$1,939,000	\$242,000	\$242,000	\$2,423,000
5307-Planning (FUZ)	Capital	2022	\$1,939,000	\$242,000	\$242,000	\$2,423,000
5307-Planning (FUZ)	Capital	2023	\$1,939,000	\$242,000	\$242,000	\$2,423,000
Totals:			\$40,915,200	\$968,000	\$9,257,800	\$51,141,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4726A

CHT Replacement Buses

Project Description

Purchase replacement buses. In progress by Chapel Hill Transit. STP-DA Flex Funds Bus Replacement.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	Purchase	2016	\$720,000	\$0	\$180,000	\$900,000
5307 (FUZ)	Purchase	2017	\$973,331	\$0	\$199,000	\$1,172,331
		Totals:	\$1,693,331	\$0	\$379,000	\$2,072,331

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4748

CHT Replacement Paratransit Vehicle

Project Description

Replacement Paratransit Vehicle. 5307 GRANT.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$2,906,400	\$0	\$726,600	\$3,633,000
5307 (FUZ)	Capital	2020	\$157,600	\$0	\$39,400	\$197,000
5307 (FUZ)	Capital	2021	\$157,600	\$0	\$39,400	\$197,000
5307 (FUZ)	Capital	2022	\$157,600	\$0	\$39,400	\$197,000
5307 (FUZ)	Capital	2023	\$157,600	\$0	\$39,400	\$197,000
Totals:			\$3,536,800	\$0	\$884,200	\$4,421,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4818B

GoTriangle Replacement Bus

Project Description

Replacement bus. 5307 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$4,423,000	\$553,000	\$553,000	\$5,529,000
5307 (FUZ)	Capital	2021	\$770,000	\$96,000	\$96,000	\$962,000
Totals:			\$5,193,000	\$649,000	\$649,000	\$6,491,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-4979

CHT Replacement Van

Project Description

Replacement Van. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Capital	Prior Year	\$0	\$0	\$0	\$1,685,000
5307 (FUZ)	Capital	2016	\$633,600	\$0	\$158,400	\$792,000
5307 (FUZ)	Capital	2019	\$633,600	\$0	\$158,400	\$792,000
5307 (FUZ)	Capital	2023	\$633,600	\$0	\$158,400	\$792,000
Totals:			\$1,900,800	\$0	\$475,200	\$4,061,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5123B

GoTriangle Expansion Bus

Project Description

Expansion bus. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$0	\$0	\$0	\$13,062,000
5307 (FUZ)	Capital	2016	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2018	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2020	\$1,351,000	\$135,000	\$135,000	\$1,621,000
5307 (FUZ)	Capital	2022	\$1,351,000	\$135,000	\$135,000	\$1,621,000
Totals:			\$5,404,000	\$540,000	\$540,000	\$19,546,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5135

GoTriangle Bus Rehabilitation

Project Description

Bus rehabilitation. 5309 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$222,000	\$0	\$55,000	\$277,000
		Totals:	\$222,000	\$0	\$55,000	\$277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5143

CHT Support & Paratransit Vehicles

Project Description

Purchase Support & Paratransit Vehicles. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$160,000	\$20,000	\$20,000	\$200,000
		Totals:	\$160,000	\$20,000	\$20,000	\$200,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5148

GoTriangle Vanpool Vans

Project Description

Vanpool vans - replacement (8). 5309 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$178,000	\$0	\$46,000	\$224,000
Totals:			\$178,000	\$0	\$46,000	\$224,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5200

CHT Bus Replacement

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Capital	2018	\$1,120,000	\$0	\$280,000	\$1,400,000
Totals:			\$1,120,000	\$0	\$280,000	\$1,400,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-5226

OPT Capital

Project Description

Capital for Orange Public Transit in the DCHC MPO urban area.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Other	2018	\$16,000	\$0	\$4,000	\$20,000
		Totals:	\$16,000	\$0	\$4,000	\$20,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6526

Capital

Project Description

Capital - Orange County Department of Aging. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$3,000	\$1,000	\$1,000	\$5,000
Totals:			\$3,000	\$1,000	\$1,000	\$5,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6669

CRX Expansion Vehicles

Project Description

Purchase expansion buses for CRX route.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Acquisition	2020	\$1,945,000	\$243,000	\$243,000	\$2,431,000
Totals:			\$1,945,000	\$243,000	\$243,000	\$2,431,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6695

Chapel Hill Transit Bus Replacement

Project Description

Replace four NOVA buses with three diesel buses. Purchase in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	6/21/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	2018	\$1,093,015	\$0	\$273,254	\$1,366,269
Totals:			\$1,093,015	\$0	\$273,254	\$1,366,269

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6721

OPT - Purchase Two Light Transit Vehicles

Project Description

Purchase two light transit vehicles for Orange Public Transit

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/6/2019
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Acquisition	2021	\$0	\$98,000	\$11,000	\$109,000
Totals:			\$0	\$98,000	\$11,000	\$109,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-4710B

CHT Facility - Park & Ride

Project Description

Facility - Park & Ride. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Other	Prior Year	\$702,400	\$0	\$175,600	\$878,000
		Totals:	\$702,400	\$0	\$175,600	\$878,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5155

Orange Public Transit

Project Description

1 replacement LTV (25') and radio, vehicle lettering and logos, and on-board camera. STP-DA Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP-DA	Acquisition	2016	\$62,000	\$0	\$15,000	\$77,000
		Totals:	\$62,000	\$0	\$15,000	\$77,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5271

CHT Renovate Bus Related Facilities

Project Description

Renovate Bus Related Facilities. 5309 GRANT.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$40,000	\$0	\$10,000	\$50,000
		Totals:	\$40,000	\$0	\$10,000	\$50,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5284

UNC Hospitals Transfer Station

Project Description

Construct a neighborhood transit center and transfer station in the UNC Hospitals area in Chapel Hill.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Construction	2024	\$288,000	\$36,000	\$36,000	\$360,000
		Totals:	\$288,000	\$36,000	\$36,000	\$360,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TD-5295

Hillsborough Park and Ride

Project Description

Construct a park and ride facility in the Town of Hillsborough.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Construction	2020	\$960,000	\$0	\$0	\$960,000
T	Construction	2020	\$0	\$120,000	\$0	\$120,000
L	Construction	2020	\$0	\$0	\$120,000	\$120,000
Totals:			\$960,000	\$120,000	\$120,000	\$1,200,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4731B

CHT Preventive Maintenance

Project Description

Preventive Maintenance. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	9/11/2015
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Operations	Prior Year	\$7,968,800	\$0	\$1,992,200	\$9,961,000
5307 (FUZ)	Operations	2016	\$2,345,000	\$0	\$586,000	\$2,931,000
5307 (FUZ)	Operations	2017	\$2,545,000	\$0	\$636,000	\$3,181,000
5307 (FUZ)	Operations	2018	\$2,745,000	\$0	\$686,000	\$3,431,000
5307 (FUZ)	Operations	2019	\$2,945,000	\$0	\$736,000	\$3,681,000
5307 (FUZ)	Operations	2020	\$1,074,000	\$0	\$269,000	\$1,343,000
5307 (FUZ)	Operations	2021	\$1,074,000	\$0	\$269,000	\$1,343,000
5307 (FUZ)	Operations	2022	\$1,074,000	\$0	\$269,000	\$1,343,000
5307 (FUZ)	Operations	2023	\$1,074,000	\$0	\$269,000	\$1,343,000
Totals:			\$22,844,800	\$0	\$5,712,200	\$28,557,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4732A

Routine Capital

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$976,000	\$0	\$244,000	\$1,760,000
5307 (FUZ)	Capital	2016	\$432,000	\$0	\$108,000	\$540,000
5307 (FUZ)	Capital	2018	\$432,000	\$0	\$108,000	\$540,000
5307 (FUZ)	Capital	2020	\$432,000	\$0	\$108,000	\$540,000
5307 (FUZ)	Capital	2022	\$432,000	\$0	\$108,000	\$540,000
Totals:			\$2,704,000	\$0	\$676,000	\$3,920,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4732B

Routine Capital - Service Vehicle

Project Description

Routine Capital - Service Vehicle. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$0	\$0	\$0	\$496,000
5307 (FUZ)	Capital	2016	\$157,000	\$0	\$39,000	\$196,000
5307 (FUZ)	Capital	2023	\$157,000	\$0	\$39,000	\$196,000
		Totals:	\$314,000	\$0	\$78,000	\$888,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-4821B

GoTriangle Routine Capital

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$7,136,800	\$0	\$1,784,200	\$8,921,000
5307 (FUZ)	Capital	2016	\$1,483,000	\$0	\$366,000	\$1,849,000
5307 (FUZ)	Capital	2017	\$1,527,000	\$0	\$382,000	\$1,909,000
5307 (FUZ)	Capital	2018	\$1,573,000	\$0	\$393,000	\$1,966,000
5307 (FUZ)	Capital	2019	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2020	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2021	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2022	\$1,575,000	\$0	\$394,000	\$1,969,000
5307 (FUZ)	Capital	2023	\$1,575,000	\$0	\$394,000	\$1,969,000
		Totals:	\$19,594,800	\$0	\$4,895,200	\$24,490,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5227

CHT Routine Capital

Project Description

Routine Capital - Purchase bus stop shelters, benches, shop equipment, spare parts, engines, farebox, support vehicles, replace/repair lifts. 5309 Grant.

Project Information

Mode	N/A	Project Status	Obligated
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$263,000	\$0	\$66,000	\$329,000
Totals:			\$263,000	\$0	\$66,000	\$329,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5247

CHT Routine Capital - Resurfacing

Project Description

Routine Capital - Resurface Park & Ride Lots. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$57,000	\$7,000	\$7,000	\$71,000
		Totals:	\$57,000	\$7,000	\$7,000	\$71,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5248

CHT Routine Capital - Resurfacing

Project Description

Routine Capital - Resurface Park & Ride Lots. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$80,000	\$0	\$20,000	\$100,000
		Totals:	\$80,000	\$0	\$20,000	\$100,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5249

CHT Routine Capital - Resurfacing

Project Description

Routine Capital - Resurface Park & Ride Lots. 5307 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$56,000	\$0	\$14,000	\$70,000
		Totals:	\$56,000	\$0	\$14,000	\$70,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-5251

GoTriangle Routine Capital

Project Description

Routine Capital. 5309 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$222,000	\$0	\$55,000	\$277,000
Totals:			\$222,000	\$0	\$55,000	\$277,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-6785

Chapel Hill Transit Bus Purchase

Project Description

Purchase two buses for Chapel Hill Transit using flexed STBG funds. Added to FY18-27 TIP through Amendment #1.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP	Implementation	2018	\$698,000	\$0	\$219,000	\$917,000
Totals:			\$698,000	\$0	\$219,000	\$917,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5132

CHT Operating Assistance

Project Description

Operating Assistance. JARC 5316 GRANT

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$331,200	\$0	\$82,800	\$414,000
		Totals:	\$331,200	\$0	\$82,800	\$414,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5305

Operating- Night Service

Project Description

Operating Assistance-Night Service. JARC 5316 GRANT

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$68,000	\$0	\$68,000	\$136,000
		Totals:	\$68,000	\$0	\$68,000	\$136,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5306

Operating Assistance - Continuation

Project Description

Operating Assistance - Continuation of Service Hour Extension. JARC 5316.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$72,000	\$0	\$72,000	\$144,000
Totals:			\$72,000	\$0	\$72,000	\$144,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5311

GoTriangle Sunday Routes

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	Prior Year	\$235,000	\$0	\$235,000	\$470,000
Totals:			\$235,000	\$0	\$235,000	\$470,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5133

CHT Operating Assistance

Project Description

Operating Assistance. SMAP Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SMAP	Operations	Prior Year	\$0	\$21,521,000	\$0	\$21,521,000
SMAP	Operations	2016	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2017	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2018	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2019	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2020	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2021	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2022	\$0	\$3,570,000	\$0	\$3,570,000
SMAP	Operations	2023	\$0	\$3,570,000	\$0	\$3,570,000
Totals:			\$0	\$50,081,000	\$0	\$50,081,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-5220

OPT Operations Assistance

Project Description

Operating assistance for Orange Public Transit for service in the DCHC MPO urban area.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Operations	2018	\$65,000	\$0	\$65,000	\$130,000
		Totals:	\$65,000	\$0	\$65,000	\$130,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-4732A

GoTriangle Planning Assistance

Project Description

Planning Assistance 5307

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307-Planning (FUZ)	Planning	Prior Year	\$4,383,000	\$547,000	\$547,000	\$5,477,000
5307-Planning (FUZ)	Planning	2020	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2021	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2022	\$590,000	\$74,000	\$74,000	\$738,000
5307-Planning (FUZ)	Planning	2023	\$590,000	\$74,000	\$74,000	\$738,000
Totals:			\$6,743,000	\$843,000	\$843,000	\$8,429,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-5151

Orange County Flex to Transit

Project Description

Orange County STBGDA funds flexed to transit.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Implementation	2019	\$60,630	\$0	\$15,158	\$75,788
STBGDA	Implementation	2020	\$43,300	\$0	\$10,825	\$54,125
Totals:			\$103,930	\$0	\$25,983	\$129,913

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-5158

ADA Bus Stop Review and Design

Project Description

Review existing bus stops in Chapel Hill and Carrboro for compliance with ADA and provide all necessary design work to make stops more accessible for seniors and persons with disabilities.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	8/13/2018
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Operations	2019	\$20,000	\$0	\$20,000	\$40,000
Totals:			\$20,000	\$0	\$20,000	\$40,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-3002

Orange County Department of Aging

Project Description

Senior transportation expansion, assessment and mobility manager (STEAMM) including purchase of service. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$350,000	\$0	\$89,000	\$439,000
Totals:			\$350,000	\$0	\$89,000	\$439,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-5104

CHT EZ Rider Senior Shuttle

Project Description

EZ Rider Senior Shuttle. 5310 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Operations	Prior Year	\$108,000	\$0	\$108,000	\$216,000
5310 (FEPD)	Operations	2017	\$120,000	\$0	\$120,000	\$240,000
5310 (FEPD)	Operations	2019	\$120,000	\$0	\$120,000	\$240,000
Totals:			\$348,000	\$0	\$348,000	\$696,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-6104

Easy Rider Senior Shuttle

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Operations	Prior Year	\$120,000	\$0	\$120,000	\$240,000
Totals:			\$120,000	\$0	\$120,000	\$240,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-6165

Orange County Department on Aging

Project Description

Mobility Management. 5310 Grant.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$120,000	\$15,000	\$15,000	\$150,000
Totals:			\$120,000	\$15,000	\$15,000	\$150,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-5106

CHT Safety & Security - 1% Set Aside

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$235,200	\$0	\$58,800	\$294,000
		Totals:	\$235,200	\$0	\$58,800	\$294,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-5119

GoTriangle Safety & Security - 1% Set Aside

Project Description

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

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	N/A	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5307 (FUZ)	Capital	Prior Year	\$295,000	\$0	\$33,000	\$328,000
5307 (FUZ)	Capital	2020	\$17,000	\$0	\$2,000	\$19,000
5307 (FUZ)	Capital	2021	\$19,000	\$0	\$0	\$19,000
5307 (FUZ)	Capital	2022	\$17,000	\$0	\$2,000	\$19,000
5307 (FUZ)	Construction	2023	\$17,000	\$0	\$2,000	\$19,000
Totals:			\$365,000	\$0	\$39,000	\$404,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4726

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	PE/Design	Prior Year	\$84,104	\$0	\$21,026	\$105,130
TAP-DA	PE/Design	Prior Year	\$723,184	\$0	\$180,796	\$903,980
TAP-DA	Right of Way	Prior Year	\$747,136	\$0	\$186,784	\$933,920
STBGDA	Right of Way	Prior Year	\$48,080	\$0	\$12,020	\$60,100
STBGDA	Construction	Prior Year	\$7,936,496	\$0	\$2,052,374	\$9,988,870
TAP-DA	Construction	Prior Year	\$750,000	\$0	\$0	\$750,000
TAP-DA	Construction	2020	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$10,689,000	\$0	\$2,553,000	\$13,242,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4726IK

Homestead Road Sidewalks

Project Description

Construct sidewalks along Homestead Road in Chapel Hill.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	6/14/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Construction	2019	\$1,040,000	\$0	\$260,000	\$1,300,000
Totals:			\$1,040,000	\$0	\$260,000	\$1,300,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4727

DCHC MPO Planning Allocation and Work Program

Project Description

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

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Planning	Prior Year	\$13,733,000	\$0	\$0	\$13,733,000
STP-DA	Planning	Prior Year	\$742,000	\$0	\$166,000	\$908,000
STBGDA	Planning	2016	\$1,582,174	\$0	\$395,543	\$1,977,717
5303	Planning	2016	\$136,104	\$17,013	\$17,013	\$170,130
5303	Planning	2016	\$141,656	\$17,707	\$17,707	\$177,070
5307-Planning (FUZ)	Planning	2016	\$162,000	\$0	\$40,500	\$202,500
5307-Planning (FUZ)	Planning	2016	\$236,000	\$0	\$59,000	\$295,000
5307-Planning (FUZ)	Planning	2016	\$684,000	\$0	\$171,000	\$855,000
PL	Planning	2016	\$407,090	\$0	\$101,772	\$508,862
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000

Planning Tomorrow's Transportation

PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000
STBGDA	Planning	2018	\$1,873,000	\$0	\$472,000	\$2,345,000
STBGDA	Planning	2018	\$2,025,000	\$0	\$506,250	\$2,531,250
		Totals:	\$25,307,871	\$69,720	\$2,827,496	\$28,205,087

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5023

DCHC STBGDA - Reserved for Future Programming

Project Description

DCHC MPO STP-DA Funds - Reserved for future programming.

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Construction	2025	\$8,475,200	\$0	\$2,118,800	\$10,594,000
STBGDA	Construction	2026	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2027	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2028	\$8,960,000	\$0	\$2,240,000	\$11,200,000
		Totals:	\$35,355,200	\$0	\$8,838,800	\$44,194,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5119A

Phase 2 Alternatives Analysis

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	PE/Design	2016	\$736,000	\$0	\$184,000	\$920,000
Fed	PE/Design	2017	\$1,160,000	\$0	\$290,000	\$1,450,000
Fed	PE/Design	2018	\$1,160,000	\$0	\$290,000	\$1,450,000
Fed	PE/Design	2019	\$160,000	\$0	\$40,000	\$200,000
Fed	PE/Design	2020	\$160,000	\$0	\$40,000	\$200,000

	Totals:	\$3,376,000	\$0	\$844,000	\$4,220,000
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TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5304A

US 15-501 (Fordham Boulevard) Upgrades - Interchange Improvements at NC 86

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2026	\$0	\$5,000,000	\$0	\$5,000,000
T	Utilities	2026	\$0	\$520,000	\$0	\$520,000
T	Right of Way	2027	\$0	\$5,000,000	\$0	\$5,000,000
T	Utilities	2027	\$0	\$520,000	\$0	\$520,000
T	Construction	Future Unfunded	\$0	\$16,500,000	\$0	\$16,500,000
Totals:			\$0	\$27,540,000	\$0	\$27,540,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5304B

US 15-501 (Fordham Boulevard) Upgrades - NC 86 to NC 54

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	2.1 miles	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2026	\$0	\$3,000,000	\$0	\$3,000,000
T	Utilities	2026	\$0	\$143,000	\$0	\$143,000
T	Right of Way	2027	\$0	\$3,000,000	\$0	\$3,000,000
T	Utilities	2027	\$0	\$142,000	\$0	\$142,000
T	Construction	Future Unfunded	\$0	\$16,500,000	\$0	\$16,500,000
Totals:			\$0	\$22,785,000	\$0	\$22,785,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5304D

US 15-501 (Fordham Boulevard) Upgrades - NC 54 to Ephesus Church Road

Project Description

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill. Upgrade corridor.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.7 miles	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2026	\$0	\$2,500,000	\$0	\$2,500,000
T	Utilities	2026	\$0	\$172,000	\$0	\$172,000
T	Right of Way	2027	\$0	\$2,500,000	\$0	\$2,500,000
T	Utilities	2027	\$0	\$172,000	\$0	\$172,000
T	Construction	Future Unfunded	\$0	\$22,500,000	\$0	\$22,500,000
Totals:			\$0	\$27,844,000	\$0	\$27,844,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5304E

US 15-501 (Fordham Boulevard) Upgrades - Manning Drive Intersection

Project Description

Full U-5304 project is NC 86 (S Columbia St) to I-40 in Chapel Hill.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2026	\$0	\$6,000,000	\$0	\$6,000,000
T	Utilities	2026	\$0	\$223,000	\$0	\$223,000
T	Right of Way	2027	\$0	\$6,000,000	\$0	\$6,000,000
T	Utilities	2027	\$0	\$223,000	\$0	\$223,000
T	Construction	Future Unfunded	\$0	\$18,750,000	\$0	\$18,750,000
Totals:			\$0	\$31,196,000	\$0	\$31,196,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5304F

US 15-501 (Fordham Boulevard) Upgrades - Ephesus Church Road to I-40

Project Description

Upgrade of US 15/501 in Orange County. This project is for corridor capacity improvements from SR 1742 (Ephesus Church Road) to I-40.

Project Information

Mode	Highway	Project Status	Active
Project Length	1.8 miles	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2026	\$0	\$3,000,000	\$0	\$3,000,000
T	Utilities	2026	\$0	\$363,000	\$0	\$363,000
T	Right of Way	2027	\$0	\$3,000,000	\$0	\$3,000,000
T	Utilities	2027	\$0	\$363,000	\$0	\$363,000
T	Construction	Future Unfunded	\$0	\$20,250,000	\$0	\$20,250,000
Totals:			\$0	\$26,976,000	\$0	\$26,976,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5543

Variable Message Signs in Chapel Hill

Project Description

Variable message signs for traffic management on major corridors in Chapel Hill. Construction is in progress by the Town of Chapel Hill.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	PE/Design	2016	\$75,200	\$0	\$18,800	\$94,000
STBGDA	PE/Design	2017	\$32,800	\$0	\$8,200	\$41,000
STBGDA	Construction	2019	\$1,193,000	\$0	\$298,250	\$1,491,250
Totals:			\$1,301,000	\$0	\$325,250	\$1,626,250

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5550

US 15/501 (Fordham Boulevard)

Project Description

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.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Construction	2018	\$0	\$2,170,000	\$0	\$2,170,000
Totals:			\$0	\$2,170,000	\$0	\$2,170,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774A

NC 54 Upgrades - Fordham Boulevard Interchange

Project Description

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.)

Project Information

Mode	Highway	Project Status	Unfunded
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	Future Unfunded	\$2,520,000	\$280,000	\$0	\$2,800,000
T	Utilities	Future Unfunded	\$900,000	\$100,000	\$0	\$1,000,000
T	Construction	Future Unfunded	\$9,900,000	\$1,100,000	\$0	\$11,000,000
Totals:			\$13,320,000	\$1,480,000	\$0	\$14,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5774B

NC 54 Improvements - Fordham to Barbee Chapel

Project Description

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.

Break B for this project is improvements to NC 54 from US 15/501 (Fordham Boulevard) 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.

Project Information

Mode	Highway	Project Status	Active
Project Length	0.7 miles	Date Awarded	N/A
Divisions	Division 5, Division 7	Regions	Region C, Region D
Municipalities	Town of Chapel Hill	Counties	Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2025	\$9,000,000	\$1,000,000	\$0	\$10,000,000
T	Utilities	2025	\$900,000	\$100,000	\$0	\$1,000,000
T	Utilities	Future Unfunded	\$18,540,000	\$2,060,000	\$0	\$20,600,000
Totals:			\$28,440,000	\$3,160,000	\$0	\$31,600,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5845

SR 1009 (S Churton Street)

Project Description

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.

Project Information

Mode	Highway	Project Status	Draft
Project Length	2.6 miles	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Other	Prior Year	\$0	\$2,500,000	\$0	\$2,500,000
T	Right of Way	2022	\$0	\$4,626,000	\$0	\$4,626,000
T	Utilities	2022	\$0	\$555,000	\$0	\$555,000
T	Right of Way	2023	\$0	\$4,625,000	\$0	\$4,625,000
T	Utilities	2023	\$0	\$555,000	\$0	\$555,000
T	Construction	2025	\$0	\$8,130,000	\$0	\$8,130,000
T	Construction Bond	2025	\$0	\$1,287,000	\$0	\$1,287,000
T	Construction	2026	\$0	\$8,130,000	\$0	\$8,130,000
T	Construction Bond	2026	\$0	\$1,287,000	\$0	\$1,287,000
T	Construction	2027	\$0	\$8,130,000	\$0	\$8,130,000
T	Construction Bond	2027	\$0	\$1,287,000	\$0	\$1,287,000
T	Construction Bond	2028	\$0	\$1,287,000	\$0	\$1,287,000
T	Construction Bond	Future Unfunded	\$0	\$12,870,000	\$0	\$12,870,000
Totals:			\$0	\$55,269,000	\$0	\$55,269,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5846

SR 1772 (Greensboro Street)

Project Description

SR 1780 (Estes Drive) in Carrboro, construct a roundabout.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$250,000	\$0	\$250,000
T	Right of Way	Prior Year	\$0	\$185,000	\$0	\$185,000
T	Construction	Prior Year	\$0	\$2,750,000	\$0	\$2,750,000
Totals:			\$0	\$3,185,000	\$0	\$3,185,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5854

SR 1008 (Mt. Carmel Church Rd)

Project Description

SR 1913 (Bennett Rd) in Chapel Hill. Construct roundabout and related safety improvements. Planning and design for this project are in progress.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Chapel Hill	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2017	\$0	\$150,000	\$0	\$150,000
T	Construction	2018	\$0	\$625,000	\$0	\$625,000
Totals:			\$0	\$1,025,000	\$0	\$1,025,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6219

DCHC TAP-DA - Reserved for Future Programming

Project Description

Project Information

Mode	Multi-Use	Project Status	Other
Project Length	N/A	Date Awarded	9/6/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP-DA	Construction	2025	\$320,000	\$0	\$80,000	\$400,000
TAP-DA	Construction	2026	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2027	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2028	\$640,000	\$0	\$160,000	\$800,000
Totals:			\$2,240,000	\$0	\$560,000	\$2,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5207

Highway Safety Projects

Project Description

Division 7 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	Town of Carrboro, Town of Chapel Hill, Town of Hillsborough	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$0	\$0	\$4,402,000
STP	PE/Design	Prior Year	\$20,000	\$5,000	\$0	\$25,000
HSIP	Right of Way	Prior Year	\$67,500	\$7,500	\$0	\$75,000
HSIP	Construction	Prior Year	\$540,000	\$60,000	\$0	\$600,000
Totals:			\$627,500	\$72,500	\$0	\$5,102,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5707DIV

Division 7 Safety Improvements

Project Description

Safety improvements at various locations in Division 7.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5707REG

Division 7 Safety Improvements

Project Description

Safety improvements at various locations in Division 7 for Regional Impact projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5707SW

Division 7 Safety Improvements

Project Description

Safety improvements at various locations in Division 7 for Statewide Mobility projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 7	Regions	Region D
Municipalities	N/A	Counties	Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2020	\$216,000	\$24,000	\$0	\$240,000
Totals:			\$2,015,370	\$223,930	\$0	\$2,239,300

FY2020-2029

Transportation Improvement Program

DIVISION 8 PROJECTS

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605

CMAQ in DCHC MPO Area

Project Description

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

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Implementation	Prior Year	\$767,200	\$0	\$191,800	\$959,000
CMAQ (L)	Implementation	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Operations	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	PE/Design	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Right of Way	2020	\$119,000	\$0	\$30,000	\$149,000
CMAQ (L)	Construction	2020	\$714,000	\$0	\$179,000	\$893,000
Totals:			\$1,957,200	\$0	\$490,800	\$2,448,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5605J

TJCOG TDM Program

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	6/14/2017
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

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

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EE-4908

Ecosystem Enhancement Program for Division 8

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
0	Implementation	Prior Year	\$0	\$29,709,000	\$0	\$29,709,000
Totals:			\$0	\$29,709,000	\$0	\$29,709,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5788

Transportation Alternatives Program - Division 8

Project Description

Division 8 Transportation Alternatives Program (TAP) at various locations.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Construction	2016	\$272,000	\$68,000	\$0	\$340,000
TAP	Construction	2017	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2018	\$800,000	\$200,000	\$0	\$1,000,000
TAP	Construction	2019	\$3,200,000	\$800,000	\$0	\$4,000,000
TAP	Construction	2020	\$400,000	\$100,000	\$0	\$500,000
Totals:			\$5,472,000	\$1,368,000	\$0	\$6,840,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5825

Intersection improvements at NC-751 and O'Kelly Chapel Road

Project Description

Upgrade and realign intersection of NC-751 and O'Kelly Chapel Road.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	8/1/2017
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Planning/Design/PE	Prior Year	\$0	\$59,000	\$0	\$59,000
T	Right of Way	2018	\$0	\$100,000	\$0	\$100,000
T	Utilities	2018	\$0	\$100,000	\$0	\$100,000
T	Construction	2018	\$0	\$390,000	\$0	\$390,000
Totals:			\$0	\$649,000	\$0	\$649,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6719

Chatham Transit Network Minivans

Project Description

Purchase three new ramp-equipped minivans for Chatham Transit Network.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Acquisition	2021	\$0	\$127,000	\$14,000	\$141,000
Totals:			\$0	\$127,000	\$14,000	\$141,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TG-6189

Chatham Transit Network Bus Shelters

Project Description

Construct bus shelters for Chatham Transit Network through Chapel Hill Transit.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Construction	Prior Year	\$36,000	\$0	\$8,000	\$44,000
Totals:			\$36,000	\$0	\$8,000	\$44,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4726

DCHC MPO Bike/Ped TAP-Eligible Projects

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	PE/Design	Prior Year	\$84,104	\$0	\$21,026	\$105,130
TAP-DA	PE/Design	Prior Year	\$723,184	\$0	\$180,796	\$903,980
TAP-DA	Right of Way	Prior Year	\$747,136	\$0	\$186,784	\$933,920
STBGDA	Right of Way	Prior Year	\$48,080	\$0	\$12,020	\$60,100
STBGDA	Construction	Prior Year	\$7,936,496	\$0	\$2,052,374	\$9,988,870
TAP-DA	Construction	Prior Year	\$750,000	\$0	\$0	\$750,000
TAP-DA	Construction	2020	\$400,000	\$0	\$100,000	\$500,000
Totals:			\$10,689,000	\$0	\$2,553,000	\$13,242,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-4727

DCHC MPO Planning Allocation and Work Program

Project Description

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

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	Town of Carrboro, Town of Chapel Hill, City of Durham, Town of Hillsborough	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Planning	Prior Year	\$13,733,000	\$0	\$0	\$13,733,000
STP-DA	Planning	Prior Year	\$742,000	\$0	\$166,000	\$908,000
STBGDA	Planning	2016	\$1,582,174	\$0	\$395,543	\$1,977,717
5303	Planning	2016	\$136,104	\$17,013	\$17,013	\$170,130
5303	Planning	2016	\$141,656	\$17,707	\$17,707	\$177,070
5307-Planning (FUZ)	Planning	2016	\$162,000	\$0	\$40,500	\$202,500
5307-Planning (FUZ)	Planning	2016	\$236,000	\$0	\$59,000	\$295,000
5307-Planning (FUZ)	Planning	2016	\$684,000	\$0	\$171,000	\$855,000
PL	Planning	2016	\$407,090	\$0	\$101,772	\$508,862
TIGER	Planning	2017	\$223,000	\$0	\$75,000	\$298,000
STBGDA	Planning	2017	\$1,872,586	\$0	\$468,146	\$2,340,732
5303	Planning	2017	\$137,200	\$17,150	\$17,150	\$171,500
5303	Planning	2017	\$142,800	\$17,850	\$17,850	\$178,500
5307-Planning (FUZ)	Planning	2017	\$226,261	\$0	\$56,565	\$282,826
5307-Planning (FUZ)	Planning	2017	\$684,000	\$0	\$171,000	\$855,000

Planning Tomorrow's Transportation

PL	Planning	2017	\$300,000	\$0	\$75,000	\$375,000
STBGDA	Planning	2018	\$1,873,000	\$0	\$472,000	\$2,345,000
STBGDA	Planning	2018	\$2,025,000	\$0	\$506,250	\$2,531,250
		Totals:	\$25,307,871	\$69,720	\$2,827,496	\$28,205,087

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-5023

DCHC STBGDA - Reserved for Future Programming

Project Description

DCHC MPO STP-DA Funds - Reserved for future programming.

Project Information

Mode	Highway	Project Status	Other
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5, Division 7, Division 8	Regions	Region C, Region D, Region E
Municipalities	N/A	Counties	Chatham County, Durham County, Orange County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBGDA	Construction	2025	\$8,475,200	\$0	\$2,118,800	\$10,594,000
STBGDA	Construction	2026	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2027	\$8,960,000	\$0	\$2,240,000	\$11,200,000
STBGDA	Construction	2028	\$8,960,000	\$0	\$2,240,000	\$11,200,000
		Totals:	\$35,355,200	\$0	\$8,838,800	\$44,194,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6192

US 15-501 Synchronized Street Conversion

Project Description

US 15-501 from Smith Level Road to US 64 Bypass in Chatham County. Convert remaining non-synchronized sections to synchronized street. Programmed for planning and environmental study only to expedite delivery of new STI project.

Project Information

Mode	Highway	Project Status	Active
Project Length	10.5 miles	Date Awarded	2/7/2019
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	2025	\$0	\$4,400,000	\$0	\$4,400,000
T	Utilities	2025	\$0	\$550,000	\$0	\$550,000
T	Right of Way	2026	\$0	\$4,400,000	\$0	\$4,400,000
T	Utilities	2026	\$0	\$550,000	\$0	\$550,000
T	Construction Bond	2027	\$0	\$1,716,000	\$0	\$1,716,000
T	Construction	2027	\$0	\$3,334,000	\$0	\$3,334,000
T	Construction Bond	2028	\$0	\$1,716,000	\$0	\$1,716,000
T	Construction	2028	\$0	\$3,333,000	\$0	\$3,333,000
Totals:			\$0	\$19,999,000	\$0	\$19,999,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT U-6219

DCHC TAP-DA - Reserved for Future Programming

Project Description

Project Information

Mode	Multi-Use	Project Status	Other
Project Length	N/A	Date Awarded	9/6/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP-DA	Construction	2025	\$320,000	\$0	\$80,000	\$400,000
TAP-DA	Construction	2026	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2027	\$640,000	\$0	\$160,000	\$800,000
TAP-DA	Construction	2028	\$640,000	\$0	\$160,000	\$800,000
Totals:			\$2,240,000	\$0	\$560,000	\$2,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5208

Highway Safety Projects

Project Description

Division 8 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Other	Prior Year	\$3,425,293	\$382,032	\$0	\$3,807,325
HSIP	PE/Design	Prior Year	\$56,298	\$6,255	\$0	\$62,553
HSIP	Right of Way	Prior Year	\$110,360	\$12,262	\$0	\$122,622
HSIP	Construction	Prior Year	\$1,317,000	\$154,000	\$0	\$1,471,000
Totals:			\$4,908,951	\$554,549	\$0	\$5,463,500

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5708DIV

Division 8 Safety Improvements

Project Description

Safety improvements at various locations in Division 8.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5708REG

Division 8 Safety Improvements

Project Description

Safety improvements at various locations in Division 8 for Regional Impact projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	Prior Year	\$251,910	\$27,990	\$0	\$279,900
HSIP	Construction	Prior Year	\$1,511,460	\$167,940	\$0	\$1,679,400
HSIP	Right of Way	2020	\$27,000	\$3,000	\$0	\$30,000
HSIP	Construction	2020	\$162,000	\$18,000	\$0	\$180,000
Totals:			\$1,952,370	\$216,930	\$0	\$2,169,300

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5708SW

Division 8 Safety Improvements

Project Description

Safety improvements at various locations in Division 8. Add right-of-way and construction phases that were not previously programmed.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 8	Regions	Region E
Municipalities	N/A	Counties	Chatham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Right of Way	2016	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2016	\$216,000	\$24,000	\$0	\$240,000
HSIP	Right of Way	2017	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2017	\$216,000	\$24,000	\$0	\$240,000
HSIP	Right of Way	2018	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2018	\$216,000	\$24,000	\$0	\$240,000
HSIP	Right of Way	2019	\$36,000	\$4,000	\$0	\$40,000
HSIP	Construction	2019	\$216,000	\$24,000	\$0	\$240,000
Totals:			\$1,008,000	\$112,000	\$0	\$1,120,000

FY2020-2029

Transportation Improvement Program

STATEWIDE PROJECTS

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-8888

Bridge Replacement Holdout

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG-OFF	Construction	2023	\$9,624,800	\$2,406,200	\$0	\$12,031,000
STBG-OFF	Construction	2024	\$17,345,600	\$4,336,400	\$0	\$21,682,000
STBG-OFF	Construction	2025	\$20,125,600	\$5,031,400	\$0	\$25,157,000
STBG-OFF	Construction	2026	\$21,207,200	\$5,301,800	\$0	\$26,509,000
STBG-OFF	Construction	2027	\$13,554,400	\$3,388,600	\$0	\$16,943,000
STBG-OFF	Construction	2028	\$24,000,000	\$6,000,000	\$0	\$30,000,000
Totals:			\$105,857,600	\$26,464,400	\$0	\$132,322,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-9999DIV

Bridge Inspection Program, Division

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Implementation	Prior Year	\$61,764,960	\$15,441,240	\$0	\$77,206,200
STBG	Implementation	2020	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2021	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2022	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2023	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2024	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2025	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2026	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2027	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2028	\$5,760,000	\$1,440,000	\$0	\$7,200,000
Totals:			\$113,604,960	\$28,401,240	\$0	\$142,006,200

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-9999REG

Bridge Inspection Program, Regional

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Implementation	Prior Year	\$31,734,960	\$15,441,240	\$0	\$47,176,200
STBG	Implementation	2020	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2021	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2022	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2023	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2024	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2025	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2026	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2027	\$5,760,000	\$1,440,000	\$0	\$7,200,000
STBG	Implementation	2028	\$5,760,000	\$1,440,000	\$0	\$7,200,000
Totals:			\$83,574,960	\$28,401,240	\$0	\$111,976,200

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT B-9999SW

Bridge Inspection Program, Statewide

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Implementation	Prior Year	\$82,353,000	\$20,588,000	\$0	\$102,941,000
STBG	Implementation	2020	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2021	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2022	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2023	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2024	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2025	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2026	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2027	\$7,680,000	\$1,920,000	\$0	\$9,600,000
STBG	Implementation	2028	\$7,680,000	\$1,920,000	\$0	\$9,600,000
Totals:			\$151,473,000	\$37,868,000	\$0	\$189,341,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT BK-5100

Establish Bridge Management System

Project Description

Establish Bridge Management System. This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$2,500,000	\$0	\$2,500,000
Totals:			\$0	\$2,500,000	\$0	\$2,500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT BK-5101

Deck Preservation

Project Description

Deck preservation at 15 selected locations. This project is under construction.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$0	\$12,337,000	\$0	\$12,337,000
Totals:			\$0	\$12,337,000	\$0	\$12,337,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT BP-5500DIV

Bridge Preservation, Division

Project Description

Bridge preservation issues at selected division project sites.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$0	\$9,794,000	\$0	\$9,794,000
Totals:			\$0	\$9,794,000	\$0	\$9,794,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT BP-5500REG

Bridge Preservation, Regional

Project Description

Bridge preservation issues at selection regional project sites.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$0	\$9,794,000	\$0	\$9,794,000
Totals:			\$0	\$9,794,000	\$0	\$9,794,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT BP-5500SW

Bridge Preservation, Statewide

Project Description

Bridge preservation issues at selected statewide project sites.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$0	\$13,059,000	\$0	\$13,059,000
Totals:			\$0	\$13,059,000	\$0	\$13,059,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-3600

CMAQ: DMV

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Implementation	Prior Year	\$0	\$0	\$0	\$6,702,000
Totals:			\$0	\$0	\$0	\$6,702,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-4902

Solar Center Clean Transportation Program

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$4,694,000	\$0	\$4,694,000
Totals:			\$0	\$4,694,000	\$0	\$4,694,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-4903

CMAQ: Air Awareness

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Construction	Prior Year	\$500,000	\$500,000	\$500,000	\$1,500,000
Totals:			\$500,000	\$500,000	\$500,000	\$1,500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5571

Passenger Rail Projects: NCRR

Project Description

NCDOT Piedmont and Carolinian passenger rail services. Public Outreach and Awareness Program.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Implementation	Prior Year	\$1,964,800	\$491,200	\$0	\$2,456,000
Totals:			\$1,964,800	\$491,200	\$0	\$2,456,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5600

CMAQ Statewide

Project Description

Statewide CMAQ projects to improve air quality within nonattainment and maintenance areas.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Other	Prior Year	\$33,232,000	\$8,308,000	\$0	\$41,540,000
CMAQ (S)	Implementation	2020	\$817,000	\$204,000	\$0	\$1,021,000
CMAQ (S)	Operations	2020	\$817,000	\$204,000	\$0	\$1,021,000
CMAQ (S)	PE/Design	2020	\$817,000	\$204,000	\$0	\$1,021,000
CMAQ (S)	Right of Way	2020	\$817,000	\$204,000	\$0	\$1,021,000
CMAQ (S)	Construction	2020	\$4,901,000	\$1,226,000	\$0	\$6,127,000
Totals:			\$41,401,000	\$10,350,000	\$0	\$51,751,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5601

CMAQ Statewide

Project Description

CMAQ projects to improve air quality across multiple nonattainment and maintenance areas.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Operations	2020	\$118,000	\$0	\$29,000	\$147,000
CMAQ (S)	Implementation	2020	\$118,000	\$0	\$29,000	\$147,000
CMAQ (S)	PE/Design	2020	\$118,000	\$0	\$29,000	\$147,000
CMAQ (S)	Right of Way	2020	\$118,000	\$0	\$29,000	\$147,000
CMAQ (S)	Construction	2020	\$704,000	\$0	\$176,000	\$880,000
Totals:			\$1,176,000	\$0	\$292,000	\$1,468,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-5702C

North Carolina Clean Energy Technology Center

Project Description

Conduct a clean-fuel advanced technology outreach and awareness program, including emissions reducing sub-awards, in all CMAQ-eligible counties. This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Other	2018	\$2,395,000	\$0	\$599,000	\$2,994,000
Totals:			\$2,395,000	\$0	\$599,000	\$2,994,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT C-9999

CMAQ Program Balance

Project Description

CMAQ program balance in non-attainment areas.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (L)	Construction	2020	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2021	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2022	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2023	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2024	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2025	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2026	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2027	\$24,000,000	\$0	\$6,000,000	\$30,000,000
CMAQ (L)	Construction	2028	\$24,000,000	\$0	\$6,000,000	\$30,000,000
Totals:			\$216,000,000	\$0	\$54,000,000	\$270,000,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT E-4018

National Recreational Trails

Project Description

Project Information

Mode	Off-Road Pedestrian	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Construction	Prior Year	\$1,476,000	\$0	\$369,000	\$1,845,000
TAP	Construction	2020	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2021	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2022	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2023	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2024	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2025	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2026	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2027	\$960,000	\$0	\$240,000	\$1,200,000
TAP	Construction	2028	\$960,000	\$0	\$240,000	\$1,200,000
Totals:			\$10,116,000	\$0	\$2,529,000	\$12,645,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-3314

Statewide Pedestrian Facilities Program

Project Description

Project Information

Mode	Off-Road Pedestrian	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$5,181,000	\$0	\$1,295,000	\$6,476,000
Totals:			\$5,181,000	\$0	\$1,295,000	\$6,476,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-4411

Statewide Bicycle Safety Projects

Project Description

NC statewide roadway improvements for bicycle safety on state and local designated bicycle routes. This project is in progress.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STP	Construction	Prior Year	\$1,280,000	\$320,000	\$0	\$1,600,000
STP	Construction	Prior Year	\$83,163	\$20,790	\$0	\$103,954
STP-EB	Construction	Prior Year	\$400,000	\$10,000	\$0	\$500,000
Totals:			\$1,763,163	\$350,790	\$0	\$2,203,954

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-5542

Statewide Bicycle-Pedestrian Program

Project Description

Project Information

Mode	Multi-Use	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	PE/Design	Prior Year	\$1,202,000	\$0	\$301,000	\$1,503,000
STBG	PE/Design	2020	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2021	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2022	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2023	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2024	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2025	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2026	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2027	\$800,000	\$0	\$200,000	\$1,000,000
STBG	PE/Design	2028	\$800,000	\$0	\$200,000	\$1,000,000
Totals:			\$8,402,000	\$0	\$2,101,000	\$10,503,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-6033

Statewide Safe Routes to School (SRTS) Education

Project Description

Project Information

Mode	Off-Road Pedestrian	Project Status	Active
Project Length	N/A	Date Awarded	5/2/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Engineering	2019	\$1,500,000	\$0	\$0	\$1,500,000
O	Engineering	2019	\$375,000	\$0	\$0	\$375,000
Totals:			\$1,875,000	\$0	\$0	\$1,875,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT EB-6037

Rails to Trails Program

Project Description

Project Information

Mode	Multi-Use	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
TAP	Right of Way	2020	\$15,000,000	\$0	\$3,750,000	\$18,750,000
L	Construction	2024	\$0	\$0	\$20,000,000	\$20,000,000
		Totals:	\$15,000,000	\$0	\$23,750,000	\$38,750,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT ER-2971

Sidewalk Program

Project Description

Sidewalk program in all fourteen highway divisions. This project is in progress.

Project Information

Mode	Off-Road Pedestrian	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$20,326,000	\$0	\$5,082,000	\$25,408,000
Totals:			\$20,326,000	\$0	\$5,082,000	\$25,408,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT ER-5600

Vegetation Management

Project Description

Clear zone improvement and management statewide.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Construction	Prior Year	\$2,611,000	\$653,000	\$0	\$3,264,000
STBG	Construction	2020	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2021	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2022	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2023	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2024	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2025	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2026	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2027	\$3,200,000	\$800,000	\$0	\$4,000,000
STBG	Construction	2028	\$3,200,000	\$800,000	\$0	\$4,000,000
Totals:			\$31,411,000	\$7,853,000	\$0	\$39,264,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT I-9999

Interstate Maintenance Balance

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHPIM	Construction	2025	\$62,629,200	\$6,958,800	\$0	\$69,588,000
NHPIM	Construction	2026	\$77,053,500	\$8,561,500	\$0	\$85,615,000
NHPIM	Construction	2027	\$86,220,000	\$9,580,000	\$0	\$95,800,000
NHPIM	Construction	2028	\$90,000,000	\$10,000,000	\$0	\$100,000,000
NHPIM	Construction	2029	\$90,000,000	\$10,000,000	\$0	\$100,000,000
Totals:			\$405,902,700	\$45,100,300	\$0	\$451,003,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0219DIV

Photogrammetry, Division

Project Description

Photogrammetry, preliminary engineering for miscellaneous division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,277,000	\$0	\$1,277,000
T	PE/Design	2020	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2021	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2022	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2023	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2024	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2025	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2026	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2027	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$0	\$2,627,000	\$0	\$2,627,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0219REG

Photogrammetry, Regional

Project Description

Photogrammetry, preliminary engineering for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,277,000	\$0	\$1,277,000
T	PE/Design	2020	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2021	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2022	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2023	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2024	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2025	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2026	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2027	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$0	\$2,627,000	\$0	\$2,627,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0219SW

Photogrammetry, Statewide

Project Description

Photogrammetry, preliminary engineering for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,703,000	\$0	\$1,703,000
T	PE/Design	2020	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2021	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2022	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2023	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2024	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2025	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2026	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2027	\$0	\$100,000	\$0	\$100,000
T	PE/Design	2028	\$0	\$100,000	\$0	\$100,000
Totals:			\$0	\$2,603,000	\$0	\$2,603,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0360DIV

Technical Services, Division

Project Description

Technical services for preliminary engineering for miscellaneous division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$5,126,000	\$0	\$5,126,000
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2028	\$0	\$300,000	\$0	\$300,000
Totals:			\$0	\$7,826,000	\$0	\$7,826,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0360REG

Technical Services, Regional

Project Description

Technical services for preliminary engineering for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$5,126,000	\$0	\$5,126,000
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2028	\$0	\$300,000	\$0	\$300,000
Totals:			\$0	\$7,826,000	\$0	\$7,826,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0360SW

Technical Services, Statewide

Project Description

Technical services for preliminary engineering for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$6,835,000	\$0	\$6,835,000
T	PE/Design	2020	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2021	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2022	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2023	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2024	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2025	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2026	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2027	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2028	\$0	\$400,000	\$0	\$400,000
Totals:			\$0	\$10,435,000	\$0	\$10,435,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0376DIV

Geotechnical Studies, Division

Project Description

Geotechnical studies and investigations to cover non-project specific work.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$3,879,000	\$0	\$3,879,000
T	PE/Design	2020	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2021	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2022	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2023	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2024	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2025	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2026	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2027	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2028	\$0	\$270,000	\$0	\$270,000
Totals:			\$0	\$6,309,000	\$0	\$6,309,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0376REG

Geotechnical Studies, Regional

Project Description

Geotechnical studies and investigations to cover non-project specific work.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$3,879,000	\$0	\$3,879,000
T	PE/Design	2020	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2021	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2022	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2023	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2024	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2025	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2026	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2027	\$0	\$270,000	\$0	\$270,000
T	PE/Design	2028	\$0	\$270,000	\$0	\$270,000
Totals:			\$0	\$6,309,000	\$0	\$6,309,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0376SW

Geotechnical Studies, Statewide

Project Description

Geotechnical studies and investigations to cover non-project specific work.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$5,172,000	\$0	\$5,172,000
T	PE/Design	2020	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2021	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2022	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2023	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2024	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2025	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2026	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2027	\$0	\$360,000	\$0	\$360,000
T	PE/Design	2028	\$0	\$360,000	\$0	\$360,000
Totals:			\$0	\$8,412,000	\$0	\$8,412,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0379

Scour Evaluation Program (Bridges)

Project Description

Scour evaluation program of existing bridges. This project is in progress.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$0	\$0	\$3,100,000
Totals:			\$0	\$0	\$0	\$3,100,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0391DIV

Structure Design, Division

Project Description

Preliminary engineering for structure design for miscellaneous division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,223,000	\$0	\$1,223,000
T	PE/Design	2020	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2021	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2022	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2023	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2024	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2025	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2026	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2027	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2028	\$0	\$120,000	\$0	\$120,000
Totals:			\$0	\$2,303,000	\$0	\$2,303,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0391REG

Structure Design, Regional

Project Description

Preliminary engineering for structure design for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,223,000	\$0	\$1,223,000
T	PE/Design	2020	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2021	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2022	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2023	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2024	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2025	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2026	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2027	\$0	\$120,000	\$0	\$120,000
T	PE/Design	2028	\$0	\$120,000	\$0	\$120,000
Totals:			\$0	\$2,303,000	\$0	\$2,303,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0391SW

Structure Design, Statewide

Project Description

Preliminary engineering for structure design for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,630,000	\$0	\$1,630,000
T	PE/Design	2020	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2021	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2022	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2023	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2024	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2025	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2026	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2027	\$0	\$160,000	\$0	\$160,000
T	PE/Design	2028	\$0	\$160,000	\$0	\$160,000
Totals:			\$0	\$3,070,000	\$0	\$3,070,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0392DIV

Hydraulics, Division

Project Description

Preliminary hydraulics engineering for miscellaneous division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,254,000	\$0	\$1,254,000
T	PE/Design	2020	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2021	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2022	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2023	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2024	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2025	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2026	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2027	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2028	\$0	\$48,000	\$0	\$48,000
Totals:			\$0	\$1,686,000	\$0	\$1,686,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0392REG

Hydraulics, Regional

Project Description

Preliminary hydraulics engineering for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,254,000	\$0	\$1,254,000
T	PE/Design	2020	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2021	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2022	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2023	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2024	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2025	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2026	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2027	\$0	\$48,000	\$0	\$48,000
T	PE/Design	2028	\$0	\$48,000	\$0	\$48,000
Totals:			\$0	\$1,686,000	\$0	\$1,686,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0392SW

Hydraulics, Statewide

Project Description

Preliminary hydraulics engineering for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,672,000	\$0	\$1,672,000
T	PE/Design	2020	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2021	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2022	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2023	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2024	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2025	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2026	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2027	\$0	\$64,000	\$0	\$64,000
T	PE/Design	2028	\$0	\$64,000	\$0	\$64,000
Totals:			\$0	\$2,248,000	\$0	\$2,248,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0418

Stormwater Runoff

Project Description

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.

Project Information

Mode	Highway	Project Status	Construction
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$6,994,000	\$0	\$6,994,000
Totals:			\$0	\$6,994,000	\$0	\$6,994,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0451DIV

Landscape Plans, Division

Project Description

Landscape plans for division STIP construction projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$214,000	\$0	\$214,000
T	PE/Design	2020	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2021	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2022	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2023	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2024	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2025	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2026	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2027	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2028	\$0	\$21,000	\$0	\$21,000
Totals:			\$0	\$403,000	\$0	\$403,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0451REG

Landscape Plans, Regional

Project Description

Landscape plans for regional STIP construction projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$214,000	\$0	\$214,000
T	PE/Design	2020	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2021	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2022	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2023	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2024	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2025	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2026	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2027	\$0	\$21,000	\$0	\$21,000
T	PE/Design	2028	\$0	\$21,000	\$0	\$21,000
Totals:			\$0	\$403,000	\$0	\$403,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0451SW

Landscape Plans

Project Description

Landscape plans for statewide STIP construction projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$285,000	\$0	\$285,000
T	PE/Design	2020	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2021	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2022	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2023	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2024	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2025	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2026	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2027	\$0	\$28,000	\$0	\$28,000
T	PE/Design	2028	\$0	\$28,000	\$0	\$28,000
Totals:			\$0	\$537,000	\$0	\$537,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0452

Tolling/Financial Feasibility Studies

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,064,000	\$0	\$1,064,000
T	PE/Design	2020	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2021	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2022	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2023	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2024	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2025	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2026	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2027	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2028	\$0	\$200,000	\$0	\$200,000
Totals:			\$0	\$2,864,000	\$0	\$2,864,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0479DIV

Environmental Analysis, Division

Project Description

Project development, environmental analysis, and preliminary engineering for miscellaneous division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$2,100,000	\$0	\$2,100,000
T	PE/Design	2020	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2021	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2022	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2023	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2024	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2025	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2026	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2027	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$0	\$3,450,000	\$0	\$3,450,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0479REG

Environmental Analysis, Regional

Project Description

Project development, environmental analysis, and preliminary engineering for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$2,100,000	\$0	\$2,100,000
T	PE/Design	2020	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2021	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2022	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2023	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2024	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2025	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2026	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2027	\$0	\$150,000	\$0	\$150,000
T	PE/Design	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$0	\$3,450,000	\$0	\$3,450,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0479SW

Environmental Analysis, Statewide

Project Description

Project development, environmental analysis, and preliminary engineering for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$2,800,000	\$0	\$2,800,000
T	PE/Design	2020	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2021	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2022	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2023	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2024	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2025	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2026	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2027	\$0	\$200,000	\$0	\$200,000
T	PE/Design	2028	\$0	\$200,000	\$0	\$200,000
Totals:			\$0	\$4,600,000	\$0	\$4,600,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0505

TPMU Oversight

Project Description

Transportation Program Management Unit (TPMU) oversight for locally-administered projects including preparation of agreements and funding authorization requests.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$535,000	\$0	\$535,000
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2028	\$0	\$300,000	\$0	\$300,000
Totals:			\$0	\$3,235,000	\$0	\$3,235,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0515

ROW LPA Review

Project Description

Review of local public agency projects by the Appraisal section of the Right-of-Way Branch of NCDOT.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Right of Way	Prior Year	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2020	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2021	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2022	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2023	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2024	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2025	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2026	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2027	\$0	\$250,000	\$0	\$250,000
T	Right of Way	2028	\$0	\$250,000	\$0	\$250,000
Totals:			\$0	\$2,500,000	\$0	\$2,500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0521DIV

Traffic Forecasting, Division

Project Description

Traffic forecasting through the Transportation Planning Division of NCDOT for miscellaneous Division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$128,000	\$0	\$128,000
T	PE/Design	2020	\$0	\$100,000	\$0	\$100,000
Totals:			\$0	\$228,000	\$0	\$228,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0521REG

Traffic Forecasting, Regional

Project Description

Traffic forecasting through the Transportation Planning Division of NCDOT for miscellaneous regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$128,000	\$0	\$128,000
T	PE/Design	2020	\$0	\$100,000	\$0	\$100,000
Totals:			\$0	\$228,000	\$0	\$228,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0521SW

Traffic Forecasting, Statewide

Project Description

Traffic forecasting through the Transportation Planning Division of NCDOT for miscellaneous statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$128,000	\$0	\$128,000
T	PE/Design	2020	\$0	\$100,000	\$0	\$100,000
Totals:			\$0	\$228,000	\$0	\$228,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0534DIV

Hydraulics, Division

Project Description

Preliminary engineering for the highway floodplain program (HFP) to facilitate FEMA and NFIP compliance and flood resilience.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	2/7/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Engineering	Prior Year	\$0	\$600,000	\$0	\$600,000
T	Engineering	2020	\$0	\$600,000	\$0	\$600,000
T	Engineering	2021	\$0	\$600,000	\$0	\$600,000
T	Engineering	2022	\$0	\$600,000	\$0	\$600,000
T	Engineering	2023	\$0	\$600,000	\$0	\$600,000
T	Engineering	2024	\$0	\$600,000	\$0	\$600,000
T	Engineering	2025	\$0	\$600,000	\$0	\$600,000
T	Engineering	2026	\$0	\$600,000	\$0	\$600,000
T	Engineering	2027	\$0	\$600,000	\$0	\$600,000
T	Engineering	2028	\$0	\$600,000	\$0	\$600,000
Totals:			\$0	\$6,000,000	\$0	\$6,000,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT M-0534SW

Hydraulics, Statewide

Project Description

Preliminary engineering for the HFP to facilitate FEMA and NFIP compliance and flood resilience.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	2/7/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Engineering	Prior Year	\$0	\$800,000	\$0	\$800,000
T	Engineering	2020	\$0	\$800,000	\$0	\$800,000
T	Engineering	2021	\$0	\$800,000	\$0	\$800,000
T	Engineering	2022	\$0	\$800,000	\$0	\$800,000
T	Engineering	2023	\$0	\$800,000	\$0	\$800,000
T	Engineering	2024	\$0	\$800,000	\$0	\$800,000
T	Engineering	2025	\$0	\$800,000	\$0	\$800,000
T	Engineering	2026	\$0	\$800,000	\$0	\$800,000
T	Engineering	2027	\$0	\$800,000	\$0	\$800,000
T	Engineering	2028	\$0	\$800,000	\$0	\$800,000
Totals:			\$0	\$8,000,000	\$0	\$8,000,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-2918

Piedmont Corridor

Project Description

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.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Operations	Prior Year	\$0	\$142,440,000	\$0	\$142,440,000
CMAQ (S)	Operations	Prior Year	\$16,342,000	\$750,000	\$0	\$17,092,000
CMAQ (S)	Construction	Prior Year	\$14,890,000	\$0	\$0	\$14,890,000
Totals:			\$31,232,000	\$143,190,000	\$0	\$174,422,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-4405

Private Crossing Safety Initiative

Project Description

Private Crossing Safety Initiative to close or enhance protection at railroad crossings between Raleigh and Charlotte. This project is in progress.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$10,291,000	\$0	\$0	\$10,291,000
		Totals:	\$10,291,000	\$0	\$0	\$10,291,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5602DIV

Statewide Rail Preliminary Engineering, Division

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,251,000	\$0	\$1,251,000
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2028	\$0	\$300,000	\$0	\$300,000
Totals:			\$0	\$3,951,000	\$0	\$3,951,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5602REG

Statewide Rail Preliminary Engineering, Regional

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,251,000	\$0	\$1,251,000
T	PE/Design	2020	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2021	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2022	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2023	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2024	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2025	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2026	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2027	\$0	\$300,000	\$0	\$300,000
T	PE/Design	2028	\$0	\$300,000	\$0	\$300,000
Totals:			\$0	\$3,951,000	\$0	\$3,951,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT P-5602SW

Statewide Rail Preliminary Engineering, Statewide

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	PE/Design	Prior Year	\$0	\$1,668,000	\$0	\$1,668,000
T	PE/Design	2020	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2021	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2022	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2023	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2024	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2025	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2026	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2027	\$0	\$400,000	\$0	\$400,000
T	PE/Design	2028	\$0	\$400,000	\$0	\$400,000
Totals:			\$0	\$5,268,000	\$0	\$5,268,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4049

SW Rural Projects: Traffic Operations

Project Description

Traffic operations (incident management, 511, smartlink, TEC, TMC). This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
T	Other	Prior Year	\$0	\$244,131,000	\$0	\$244,131,000
Totals:			\$0	\$244,131,000	\$0	\$244,131,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4067

SW Rural Projects: Positive Guidance Program

Project Description

Positive guidance program (pavement markings and markers, LED signal head replacement). This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Construction	Prior Year	\$0	\$91,242,000	\$0	\$91,242,000
		Totals:	\$0	\$91,242,000	\$0	\$91,242,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4073

Asphalt Testing

Project Description

Asphalt materials testing laboratories corrective action plan for groundwater clean-up at 54 sites. This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$20,234,000	\$0	\$20,234,000
Totals:			\$0	\$20,234,000	\$0	\$20,234,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4436DIV

NPDES Permit, Division

Project Description

Retrofit fourteen sites per year to protect water quality.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Construction	Prior Year	\$10,540,000	\$2,635,000	\$0	\$13,175,000
STBG	Construction	2020	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2021	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2022	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2023	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2024	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2025	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2026	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2027	\$720,000	\$180,000	\$0	\$900,000
STBG	Construction	2028	\$720,000	\$180,000	\$0	\$900,000
Totals:			\$17,020,000	\$4,255,000	\$0	\$21,275,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4436REG

NPDES Permit, Regional

Project Description

Retrofit fourteen sites per year to protect water quality.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	PE/Design	Prior Year	\$10,540,000	\$2,635,000	\$0	\$13,175,000
STBG	PE/Design	2020	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2021	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2022	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2023	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2024	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2025	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2026	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2027	\$720,000	\$180,000	\$0	\$900,000
STBG	PE/Design	2028	\$720,000	\$180,000	\$0	\$900,000
Totals:			\$17,020,000	\$4,255,000	\$0	\$21,275,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4436SW

NDPES Permit, Statewide

Project Description

Retrofit fourteen sites per year to protect water quality.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
STBG	Construction	Prior Year	\$14,053,000	\$3,513,000	\$0	\$17,566,000
STBG	Construction	2020	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2021	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2022	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2023	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2024	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2025	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2026	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2027	\$960,000	\$240,000	\$0	\$1,200,000
STBG	Construction	2028	\$960,000	\$240,000	\$0	\$1,200,000
Totals:			\$22,693,000	\$5,673,000	\$0	\$28,366,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-4701

SW Rural Projects: Traffic System

Project Description

Traffic system operations program (signal maintenance). This project is in progress.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$278,058,000	\$0	\$278,058,000
Totals:			\$0	\$278,058,000	\$0	\$278,058,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-5753

Federal Lands Transportation Program (FLTP)

Project Description

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.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Construction	2020	\$35,062,000	\$0	\$0	\$35,062,000
		Totals:	\$35,062,000	\$0	\$0	\$35,062,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-9999WM DIV

Environmental Mitigation and Minimization, Division

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Mitigation	Prior Year	\$21,834,000	\$0	\$0	\$21,834,000
T	Mitigation	Prior Year	\$0	\$21,834,000	\$0	\$21,834,000
NHP	Mitigation	2020	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2020	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2021	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2021	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2022	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2022	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2023	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2023	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2024	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2024	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2025	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2025	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2026	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2026	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2027	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2027	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2028	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$23,184,000	\$23,184,000	\$0	\$46,368,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-9999WM REG

Environmental Mitigation and Minimalization, Regional

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Mitigation	Prior Year	\$21,834,000	\$0	\$0	\$21,834,000
T	Mitigation	Prior Year	\$0	\$21,834,000	\$0	\$21,834,000
NHP	Mitigation	2020	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2020	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2021	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2021	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2022	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2022	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2023	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2023	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2024	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2024	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2025	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2025	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2026	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2026	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2027	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2027	\$0	\$150,000	\$0	\$150,000
NHP	Mitigation	2028	\$150,000	\$0	\$0	\$150,000
T	Mitigation	2028	\$0	\$150,000	\$0	\$150,000
Totals:			\$23,184,000	\$23,184,000	\$0	\$46,368,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT R-9999WM SW

Environmental Mitigation and Minimization, Statewide

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
NHP	Mitigation	Prior Year	\$29,112,000	\$0	\$0	\$29,112,000
T	Mitigation	Prior Year	\$0	\$29,112,000	\$0	\$29,112,000
NHP	Mitigation	2020	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2020	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2021	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2021	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2022	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2022	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2023	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2023	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2024	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2024	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2025	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2025	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2026	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2026	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2027	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2027	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2028	\$200,000	\$0	\$0	\$200,000
T	Mitigation	2028	\$0	\$200,000	\$0	\$200,000
NHP	Mitigation	2029	\$200,000	\$0	\$0	\$200,000
Totals:			\$31,112,000	\$30,912,000	\$0	\$62,024,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT SR-5000

Safe Routes to School: Non-Infrastructure

Project Description

Safe Routes to School Program. Educational, training, and other non-infrastructure needs. This project is in progress.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SRTS	Implementation	Prior Year	\$6,435,000	\$0	\$0	\$6,435,000
Totals:			\$6,435,000	\$0	\$0	\$6,435,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT SR-5001

Safe Routes to School

Project Description

Safe Routes to School projects to improve safety, reduce traffic, fuel consumption and air pollution in vicinity of schools.

Project Information

Mode	Off-Road Pedestrian	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SRTS	Implementation	Prior Year	\$16,339,000	\$0	\$0	\$16,339,000
Totals:			\$16,339,000	\$0	\$0	\$16,339,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6520

New Freedom Capital Funding Assistance

Project Description

Section 5317 New Freedom Capital funding assistance to community transportation systems and non-profit agencies across the state.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Other	Prior Year	\$0	\$0	\$0	\$443,000
Totals:			\$0	\$0	\$0	\$443,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6535

NCDOT Ferry Division

Project Description

Capital Acquisition. New Freedom 5317 Grant.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Capital	Prior Year	\$0	\$0	\$0	\$789,000
Totals:			\$0	\$0	\$0	\$789,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6665

5311 Capital

Project Description

Capital projects for rural areas.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	3/7/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311-Capital	Capital	Prior Year	\$28,842,000	\$3,605,500	\$3,605,500	\$36,053,000
5311-Capital	Capital	2020	\$5,468,000	\$684,000	\$684,000	\$6,836,000
5311-Capital	Capital	2021	\$5,469,000	\$684,000	\$684,000	\$6,837,000
5311-Capital	Capital	2022	\$5,470,000	\$684,000	\$684,000	\$6,838,000
5311-Capital	Capital	2023	\$5,471,000	\$685,000	\$685,000	\$6,841,000
5311-Capital	Capital	2024	\$5,490,000	\$687,000	\$687,000	\$6,864,000
5311-Capital	Capital	2025	\$5,490,000	\$687,000	\$687,000	\$6,864,000
5311-Capital	Capital	2026	\$5,491,000	\$687,000	\$687,000	\$6,865,000
5311-Capital	Capital	2027	\$5,491,000	\$687,000	\$687,000	\$6,865,000
Totals:			\$72,682,000	\$9,090,500	\$9,090,500	\$90,863,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6666

5339 Bus and Facilities

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	3/7/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5309 (FBUS)	Capital	Prior Year	\$9,884,000	\$1,235,500	\$1,235,500	\$12,355,000
5309 (FBUS)	Capital	2020	\$4,448,000	\$556,000	\$556,000	\$5,560,000
5309 (FBUS)	Capital	2021	\$4,449,000	\$557,000	\$557,000	\$5,563,000
5309 (FBUS)	Capital	2022	\$4,450,000	\$557,000	\$557,000	\$5,564,000
5309 (FBUS)	Capital	2023	\$5,004,000	\$625,000	\$625,000	\$6,254,000
5309 (FBUS)	Capital	2024	\$5,005,000	\$626,000	\$626,000	\$6,257,000
5309 (FBUS)	Capital	2025	\$5,005,000	\$626,000	\$626,000	\$6,257,000
5309 (FBUS)	Capital	2026	\$5,005,000	\$626,000	\$626,000	\$6,257,000
5309 (FBUS)	Capital	2027	\$5,005,000	\$626,000	\$626,000	\$6,257,000
Totals:			\$48,255,000	\$6,034,500	\$6,034,500	\$60,324,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TA-6712

Replacement of Transit Vehicles Meeting Useful Life

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	11/8/2018
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
CMAQ (S)	Implementation	Prior Year	\$6,332,000	\$0	\$1,583,000	\$7,915,000
Totals:			\$6,332,000	\$0	\$1,583,000	\$7,915,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TC-5004

5311 ADTAP

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
ADTAP	Capital	Prior Year	\$7,669,000	\$0	\$0	\$7,669,000
ADTAP	Capital	2020	\$1,008,000	\$115,000	\$115,000	\$1,238,000
ADTAP	Capital	2021	\$1,008,000	\$126,000	\$126,000	\$1,260,000
ADTAP	Capital	2022	\$1,009,000	\$127,000	\$127,000	\$1,263,000
ADTAP	Capital	2023	\$1,009,000	\$127,000	\$127,000	\$1,263,000
ADTAP	Capital	2024	\$1,010,000	\$127,000	\$127,000	\$1,264,000
ADTAP	Capital	2025	\$1,010,000	\$127,000	\$127,000	\$1,264,000
ADTAP	Capital	2026	\$1,011,000	\$127,000	\$127,000	\$1,265,000
ADTAP	Capital	2027	\$1,011,000	\$127,000	\$127,000	\$1,265,000
Totals:			\$15,745,000	\$1,003,000	\$1,003,000	\$17,751,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TH-2000

Traveller's Aid Program

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
0	Implementation	Prior Year	\$0	\$126,000	\$0	\$126,000
Totals:			\$0	\$126,000	\$0	\$126,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TI-6105

Greyhound Lines

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Operations	Prior Year	\$0	\$0	\$0	\$1,402,000
		Totals:	\$0	\$0	\$0	\$1,402,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TI-6106

Greyhound Lines

Project Description

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

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Other	Prior Year	\$0	\$0	\$0	\$1,592,000
Totals:			\$0	\$0	\$0	\$1,592,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TI-6107

Greyhound Lines

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Other	Prior Year	\$0	\$0	\$0	\$1,910,000
Totals:			\$0	\$0	\$0	\$1,910,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TI-6108

Greyhound Lines

Project Description

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.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Operations	Prior Year	\$0	\$0	\$0	\$4,081,000
Totals:			\$0	\$0	\$0	\$4,081,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TI-6109

Intercity Bus Service

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Implementation	Prior Year	\$7,234,400	\$0	\$1,808,600	\$9,043,000
Totals:			\$7,234,400	\$0	\$1,808,600	\$9,043,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TK-4900Z

5311 State Administration

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Admin	Prior Year	\$13,384,000	\$3,346,000	\$0	\$16,730,000
5311 (FNU)	Admin	2020	\$2,256,000	\$564,000	\$0	\$2,820,000
5311 (FNU)	Admin	2021	\$2,272,000	\$568,000	\$0	\$2,840,000
5311 (FNU)	Admin	2022	\$2,288,000	\$572,000	\$0	\$2,860,000
5311 (FNU)	Admin	2023	\$2,304,000	\$576,000	\$0	\$2,880,000
5311 (FNU)	Admin	2024	\$2,320,000	\$580,000	\$0	\$2,900,000
5311 (FNU)	Admin	2025	\$2,336,000	\$584,000	\$0	\$2,920,000
5311 (FNU)	Admin	2026	\$2,352,000	\$588,000	\$0	\$2,940,000
5311 (FNU)	Admin	2027	\$2,368,000	\$592,000	\$0	\$2,960,000
Totals:			\$31,880,000	\$7,970,000	\$0	\$39,850,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TK-4902

Appalachian Development Transportation Program

Project Description

State administration of Appalachian Development Transportation Assistance Program.

Project Information

Mode	Multi-Use	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
ADTAP	Admin	Prior Year	\$653,000	\$0	\$0	\$653,000
ADTAP	Admin	2020	\$92,000	\$0	\$0	\$92,000
ADTAP	Admin	2021	\$93,000	\$0	\$0	\$93,000
ADTAP	Admin	2022	\$93,000	\$0	\$0	\$93,000
ADTAP	Admin	2023	\$94,000	\$0	\$0	\$94,000
ADTAP	Admin	2024	\$94,000	\$0	\$0	\$94,000
ADTAP	Admin	2025	\$95,000	\$0	\$0	\$95,000
ADTAP	Admin	2026	\$96,000	\$0	\$0	\$96,000
ADTAP	Admin	2027	\$97,000	\$0	\$0	\$97,000
Totals:			\$1,407,000	\$0	\$0	\$1,407,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TK-6181

5311 Adminstrative

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Admin	Prior Year	\$45,989,000	\$2,875,000	\$8,624,000	\$57,488,000
5311 (FNU)	Admin	2020	\$14,681,000	\$918,000	\$2,753,000	\$18,352,000
5311 (FNU)	Admin	2021	\$14,681,000	\$918,000	\$2,753,000	\$18,352,000
5311 (FNU)	Admin	2022	\$14,682,000	\$918,000	\$2,753,000	\$18,353,000
5311 (FNU)	Admin	2023	\$14,682,000	\$918,000	\$2,753,000	\$18,353,000
5311 (FNU)	Admin	2024	\$14,683,000	\$918,000	\$2,753,000	\$18,354,000
5311 (FNU)	Admin	2025	\$14,683,000	\$918,000	\$2,753,000	\$18,354,000
5311 (FNU)	Admin	2026	\$14,684,000	\$918,000	\$2,753,000	\$18,355,000
5311 (FNU)	Admin	2027	\$14,684,000	\$918,000	\$2,753,000	\$18,355,000
Totals:			\$163,449,000	\$10,219,000	\$30,648,000	\$204,316,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5301

State Admin - Job Access Non-Urban

Project Description

Public Transportation Projects: Sub-Regional. State administration - Job Access Non-Urban. 5316 Grant.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Admin	Prior Year	\$5,092,000	\$0	\$0	\$5,092,000
5316-JARC	Admin	2020	\$500,000	\$0	\$0	\$500,000
Totals:			\$5,592,000	\$0	\$0	\$5,592,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-5304

Capital - Travel Training

Project Description

Capital - Travel Training. JARC 5316 GRANT

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	Division 5	Regions	Region C
Municipalities	City of Durham	Counties	Durham County

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Capital	Prior Year	\$100,000	\$0	\$25,000	\$125,000
Totals:			\$100,000	\$0	\$25,000	\$125,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TM-6155

Operating Funding

Project Description

Operating funding for existing projects statewide.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5316-JARC	Operations	2016	\$175,000	\$175,000	\$0	\$350,000
		Totals:	\$175,000	\$175,000	\$0	\$350,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-5112

State Admin - New Freedom

Project Description

Public Transportation Projects: Sub-Regional. State administration - New Freedom - 5317

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Admin	Prior Year	\$3,920,000	\$0	\$0	\$3,920,000
5317 (FNF)	Admin	2020	\$350,000	\$0	\$0	\$350,000
Totals:			\$4,270,000	\$0	\$0	\$4,270,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TN-6125

5317 New Freedom

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Operations	Prior Year	\$403,000	\$0	\$81,000	\$484,000
5317 (FNF)	Operations	2020	\$410,000	\$0	\$82,000	\$492,000
5317 (FNF)	Operations	2021	\$420,000	\$0	\$84,000	\$504,000
5317 (FNF)	Operations	2022	\$430,000	\$0	\$86,000	\$516,000
5317 (FNF)	Operations	2023	\$440,000	\$0	\$88,000	\$528,000
5317 (FNF)	Operations	2024	\$450,000	\$0	\$90,000	\$540,000
5317 (FNF)	Operations	2025	\$460,000	\$0	\$92,000	\$552,000
5317 (FNF)	Operations	2026	\$470,000	\$0	\$94,000	\$564,000
5317 (FNF)	Operations	2027	\$480,000	\$0	\$96,000	\$576,000
Totals:			\$3,963,000	\$0	\$793,000	\$4,756,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-6135

5311 Operating

Project Description

5311 operating projects for rural areas.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311-Operating	Operations	Prior Year	\$2,146,500	\$0	\$2,146,500	\$4,293,000
Totals:			\$2,146,500	\$0	\$2,146,500	\$4,293,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TO-6155

5311 Operating

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	3/7/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311-Operating	Operations	2019	\$12,770,000	\$0	\$6,385,000	\$19,155,000
5311-Operating	Operations	2020	\$12,790,000	\$0	\$6,395,000	\$19,185,000
5311-Operating	Operations	2021	\$12,810,000	\$0	\$6,405,000	\$19,215,000
5311-Operating	Operations	2022	\$12,830,000	\$0	\$6,415,000	\$19,245,000
5311-Operating	Operations	2023	\$12,850,000	\$0	\$6,425,000	\$19,275,000
5311-Operating	Operations	2024	\$12,870,000	\$0	\$6,435,000	\$19,305,000
5311-Operating	Operations	2025	\$12,890,000	\$0	\$6,445,000	\$19,335,000
5311-Operating	Operations	2026	\$12,910,000	\$0	\$6,455,000	\$19,365,000
5311-Operating	Operations	2027	\$12,930,000	\$0	\$6,465,000	\$19,395,000
Totals:			\$115,650,000	\$0	\$57,825,000	\$173,475,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-4901

Planning Assistance - Research Support Activities

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
FSPR	Capital	Prior Year	\$5,921,160	\$1,127,840	\$0	\$7,049,000
FSPR	Capital	2020	\$600,000	\$120,000	\$0	\$720,000
Totals:			\$6,521,160	\$1,247,840	\$0	\$7,769,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-4902

SW Support for Local Plans

Project Description

Statewide support to update local community transportation service plans - 5311.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5311 (FNU)	Planning	Prior Year	\$3,710,000	\$0	\$0	\$3,710,000
Totals:			\$3,710,000	\$0	\$0	\$3,710,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TP-5154

5304 Planning

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5304	Planning	Prior Year	\$490,000	\$0	\$98,000	\$588,000
5304	Planning	2020	\$500,000	\$0	\$100,000	\$600,000
5304	Planning	2021	\$510,000	\$0	\$102,000	\$612,000
5304	Planning	2022	\$520,000	\$0	\$104,000	\$624,000
5304	Planning	2023	\$530,000	\$0	\$106,000	\$636,000
5304	Planning	2024	\$540,000	\$0	\$108,000	\$648,000
5304	Planning	2025	\$550,000	\$0	\$110,000	\$660,000
5304	Planning	2026	\$560,000	\$0	\$112,000	\$672,000
5304	Planning	2027	\$570,000	\$0	\$114,000	\$684,000
Totals:			\$4,770,000	\$0	\$954,000	\$5,724,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-6954

5310 Operating

Project Description

5310 operating projects for rural areas.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Operations	Prior Year	\$5,993,000	\$0	\$5,993,000	\$11,986,000
5310 (FEPD)	Operations	2020	\$918,000	\$0	\$918,000	\$1,836,000
5310 (FEPD)	Operations	2021	\$918,000	\$0	\$918,000	\$1,836,000
5310 (FEPD)	Operations	2022	\$919,000	\$0	\$919,000	\$1,838,000
5310 (FEPD)	Operations	2023	\$919,000	\$0	\$919,000	\$1,838,000
5310 (FEPD)	Operations	2024	\$919,000	\$0	\$919,000	\$1,838,000
5310 (FEPD)	Operations	2025	\$920,000	\$0	\$920,000	\$1,840,000
5310 (FEPD)	Operations	2026	\$920,000	\$0	\$920,000	\$1,840,000
5310 (FEPD)	Operations	2027	\$920,000	\$0	\$920,000	\$1,840,000
Totals:			\$13,346,000	\$0	\$13,346,000	\$26,692,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TQ-9038

5310 Capital

Project Description

5310 capital projects for rural areas and small urban areas.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Capital	Prior Year	\$9,092,000	\$1,136,500	\$1,136,500	\$11,365,000
5310 (FEPD)	Capital	2020	\$1,998,000	\$250,000	\$250,000	\$2,498,000
5310 (FEPD)	Capital	2021	\$1,998,000	\$250,000	\$250,000	\$2,498,000
5310 (FEPD)	Capital	2022	\$1,999,000	\$250,000	\$250,000	\$2,499,000
5310 (FEPD)	Capital	2023	\$1,999,000	\$250,000	\$250,000	\$2,499,000
5310 (FEPD)	Capital	2024	\$2,000,000	\$250,000	\$250,000	\$2,500,000
5310 (FEPD)	Capital	2025	\$2,000,000	\$250,000	\$250,000	\$2,500,000
5310 (FEPD)	Capital	2026	\$2,000,000	\$250,000	\$250,000	\$2,500,000
5310 (FEPD)	Capital	2027	\$2,002,000	\$251,000	\$251,000	\$2,504,000
Totals:			\$25,088,000	\$3,137,500	\$3,137,500	\$31,363,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-4900Z

Statewide RTAP

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RTAP	Admin	Prior Year	\$2,707,000	\$0	\$0	\$2,707,000
RTAP	Admin	2020	\$440,000	\$0	\$0	\$440,000
RTAP	Admin	2021	\$460,000	\$0	\$0	\$460,000
RTAP	Admin	2022	\$480,000	\$0	\$0	\$480,000
RTAP	Admin	2023	\$500,000	\$0	\$0	\$500,000
RTAP	Admin	2024	\$520,000	\$0	\$0	\$520,000
RTAP	Admin	2025	\$540,000	\$0	\$0	\$540,000
RTAP	Admin	2026	\$560,000	\$0	\$0	\$560,000
RTAP	Admin	2027	\$580,000	\$0	\$0	\$580,000
Totals:			\$6,787,000	\$0	\$0	\$6,787,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-7000

Enhanced State Safety Oversight Program

Project Description

Develop and implement an enhanced state safety oversight program.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
SSO	Admin	Prior Year	\$844,000	\$0	\$0	\$844,000
Totals:			\$844,000	\$0	\$0	\$844,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TS-7001

5329 State Safety and Oversight

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
Fed	Admin	Prior Year	\$421,000	\$95,000	\$0	\$516,000
Fed	Admin	2020	\$689,000	\$155,000	\$0	\$844,000
Fed	Admin	2021	\$689,000	\$155,000	\$0	\$844,000
Fed	Admin	2022	\$689,000	\$155,000	\$0	\$844,000
Fed	Admin	2023	\$345,000	\$69,000	\$0	\$414,000
Fed	Admin	2024	\$345,000	\$69,000	\$0	\$414,000
Fed	Admin	2025	\$345,000	\$69,000	\$0	\$414,000
Fed	Admin	2026	\$346,000	\$70,000	\$0	\$416,000
Fed	Admin	2027	\$346,000	\$70,000	\$70,000	\$486,000
Totals:			\$4,215,000	\$907,000	\$70,000	\$5,192,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TT-5205

Ferry Communications

Project Description

NCDOT Ferry Division will purchase and install visuals, paging systems on board five class ferry vessels

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5317 (FNF)	Acquisition	Prior Year	\$53,000	\$13,000	\$0	\$66,000
Totals:			\$53,000	\$13,000	\$0	\$66,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TT-9702A

Regional Coordinated Area Transportation

Project Description

Technology - Administration (ITRE)

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
UTCH	Other	Prior Year	\$0	\$50,000	\$0	\$50,000
Totals:			\$0	\$50,000	\$0	\$50,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT TV-4903

5310 State Admin

Project Description

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
5310 (FEPD)	Admin	Prior Year	\$5,535,000	\$1,384,000	\$0	\$6,919,000
5310 (FEPD)	Admin	2020	\$433,000	\$108,000	\$0	\$541,000
5310 (FEPD)	Admin	2021	\$436,000	\$109,000	\$0	\$545,000
5310 (FEPD)	Admin	2022	\$436,000	\$109,000	\$0	\$545,000
5310 (FEPD)	Admin	2023	\$436,000	\$109,000	\$0	\$545,000
5310 (FEPD)	Admin	2024	\$440,000	\$110,000	\$0	\$550,000
5310 (FEPD)	Admin	2025	\$440,000	\$110,000	\$0	\$550,000
5310 (FEPD)	Admin	2026	\$448,000	\$112,000	\$0	\$560,000
5310 (FEPD)	Admin	2027	\$448,000	\$112,000	\$0	\$560,000
Totals:			\$9,052,000	\$2,263,000	\$0	\$11,315,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5508

Highway Safety Projects

Project Description

Highway system data collection. Traffic engineering branch to participate in a three-year data collection program.

Project Information

Mode	N/A	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
O	Other	Prior Year	\$0	\$0	\$0	\$1,500,000
Totals:			\$0	\$0	\$0	\$1,500,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5517DIV

Safety Management Program, Division

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$5,967,000	\$663,000	\$0	\$6,630,000
Totals:			\$5,967,000	\$663,000	\$0	\$6,630,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5517REG

Safety Management Program, Regional

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$5,967,000	\$663,000	\$0	\$6,630,000
Totals:			\$5,967,000	\$663,000	\$0	\$6,630,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5517SW

Safety Management Program, Statewide

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$7,956,000	\$884,000	\$0	\$8,840,000
Totals:			\$7,956,000	\$884,000	\$0	\$8,840,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5601DIV

Rumble Strips, Guardrail, Safety, and Lighting, Division

Project Description

Rumble strips, guardrail, safety, and lighting improvements at selected locations for division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Other	Prior Year	\$35,193,000	\$3,910,000	\$0	\$39,103,000
HSIP	Right of Way	2020	\$378,000	\$42,000	\$0	\$420,000
HSIP	Construction	2020	\$2,268,000	\$252,000	\$0	\$2,520,000
HSIP	Right of Way	2021	\$378,000	\$42,000	\$0	\$420,000
HSIP	Construction	2021	\$2,268,000	\$252,000	\$0	\$2,520,000
Totals:			\$40,485,000	\$4,498,000	\$0	\$44,983,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5601REG

Rumble Strips, Guardrail, Safety, and Lighting, Regional

Project Description

Rumble strips, guardrail, safety, and lighting improvements at selected locations for regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Other	Prior Year	\$35,193,000	\$3,910,000	\$0	\$39,103,000
HSIP	Right of Way	2020	\$378,000	\$42,000	\$0	\$420,000
HSIP	Construction	2020	\$2,268,000	\$252,000	\$0	\$2,520,000
HSIP	Right of Way	2021	\$378,000	\$42,000	\$0	\$420,000
HSIP	Construction	2021	\$2,268,000	\$252,000	\$0	\$2,520,000
Totals:			\$40,485,000	\$4,498,000	\$0	\$44,983,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5601SW

Rumble Strips, Guardrail, Safety and Lighting Improvements, Statewide

Project Description

Rumble strips, guardrail, safety, and lighting improvements at selected locations for statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Other	Prior Year	\$46,924,000	\$5,213,700	\$0	\$52,137,700
HSIP	Right of Way	2020	\$504,000	\$56,000	\$0	\$560,000
HSIP	Construction	2020	\$3,024,000	\$336,000	\$0	\$3,360,000
HSIP	Right of Way	2021	\$504,000	\$56,000	\$0	\$560,000
HSIP	Construction	2021	\$3,024,000	\$336,000	\$0	\$3,360,000
Totals:			\$53,980,000	\$5,997,700	\$0	\$59,977,700

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5700DIV

Signal Retiming, Division

Project Description

Signal retiming to improve safety for division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$945,000	\$105,000	\$0	\$1,050,000
Totals:			\$945,000	\$105,000	\$0	\$1,050,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5700REG

Signal Retiming, Regional

Project Description

Signal retiming to improve safety for regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$945,000	\$105,000	\$0	\$1,050,000
		Totals:	\$945,000	\$105,000	\$0	\$1,050,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5700SW

Signal Retiming, Statewide

Project Description

Signal retiming to improve safety for statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	Prior Year	\$1,260,000	\$140,000	\$0	\$1,400,000
Totals:			\$1,260,000	\$140,000	\$0	\$1,400,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5715DIV

Signal Retiming, Division

Project Description

Signal retiming to improve safety for division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2021	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2022	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2023	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2024	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2025	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2026	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2027	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2028	\$405,000	\$45,000	\$0	\$450,000
Totals:			\$3,645,000	\$405,000	\$0	\$4,050,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5715REG

Signal Retiming, Regional

Project Description

Signal retiming to improve safety for regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2021	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2022	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2023	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2024	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2025	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2026	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2027	\$405,000	\$45,000	\$0	\$450,000
HSIP	Construction	2028	\$405,000	\$45,000	\$0	\$450,000
Totals:			\$3,645,000	\$405,000	\$0	\$4,050,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5715SW

Signal Retiming, Statewide

Project Description

Signal retiming to improve safety for statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2021	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2022	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2023	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2024	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2025	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2026	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2027	\$540,000	\$60,000	\$0	\$600,000
HSIP	Construction	2028	\$540,000	\$60,000	\$0	\$600,000
Totals:			\$4,860,000	\$540,000	\$0	\$5,400,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5716DIV

Safety Management Program, Division

Project Description

Safety management program, project identification, analysis and preliminary engineering for division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	2020	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2021	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2022	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2023	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2024	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2025	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2026	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2027	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2028	\$1,485,000	\$165,000	\$0	\$1,650,000
Totals:			\$13,365,000	\$1,485,000	\$0	\$14,850,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5716REG

Safety Management Program, Regional

Project Description

Safety management program, project identification, analysis and preliminary engineering for regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	2020	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2021	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2022	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2023	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2024	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2025	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2026	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2027	\$1,485,000	\$165,000	\$0	\$1,650,000
HSIP	PE/Design	2028	\$1,485,000	\$165,000	\$0	\$1,650,000
Totals:			\$13,365,000	\$1,485,000	\$0	\$14,850,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5716SW

Safety Management Program, Statewide

Project Description

Safety management program, project identification, analysis, and preliminary engineering for statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	2020	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2021	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2022	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2023	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2024	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2025	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2026	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2027	\$1,980,000	\$220,000	\$0	\$2,200,000
HSIP	PE/Design	2028	\$1,980,000	\$220,000	\$0	\$2,200,000
Totals:			\$17,820,000	\$1,980,000	\$0	\$19,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5717DIV

Highway System Data Collection, Division

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2021	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2022	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2023	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2024	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2025	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2026	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2027	\$135,000	\$15,000	\$0	\$150,000
HSIP	Construction	2028	\$135,000	\$15,000	\$0	\$150,000
Totals:			\$1,215,000	\$135,000	\$0	\$1,350,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5717REG

Highway System Data Collection, Regional

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	2020	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2021	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2022	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2023	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2024	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2025	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2026	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2027	\$135,000	\$15,000	\$0	\$150,000
HSIP	PE/Design	2028	\$135,000	\$15,000	\$0	\$150,000
Totals:			\$1,215,000	\$135,000	\$0	\$1,350,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-5717SW

Highway System Data Collection, Statewide

Project Description

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	PE/Design	2020	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2021	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2022	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2023	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2024	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2025	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2026	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2027	\$180,000	\$20,000	\$0	\$200,000
HSIP	PE/Design	2028	\$180,000	\$20,000	\$0	\$200,000
Totals:			\$1,620,000	\$180,000	\$0	\$1,800,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-9999DIV

Highway Safety Improvement Program, Division

Project Description

Highway safety improvement balance for division projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$11,475,000	\$1,275,000	\$0	\$12,750,000
HSIP	Construction	2021	\$11,664,000	\$1,296,000	\$0	\$12,960,000
HSIP	Construction	2022	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2023	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2024	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2025	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2026	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2027	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2028	\$14,175,000	\$1,575,000	\$0	\$15,750,000
Totals:			\$122,364,000	\$13,596,000	\$0	\$135,960,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-9999REG

Highway Safety Improvement Program, Regional

Project Description

Highway safety improvement program balance for regional projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$11,407,500	\$1,267,500	\$0	\$12,675,000
HSIP	Construction	2021	\$11,664,000	\$1,296,000	\$0	\$12,960,000
HSIP	Construction	2022	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2023	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2024	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2025	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2026	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2027	\$14,175,000	\$1,575,000	\$0	\$15,750,000
HSIP	Construction	2028	\$14,175,000	\$1,575,000	\$0	\$15,750,000
Totals:			\$122,296,500	\$13,588,500	\$0	\$135,885,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT W-9999SW

Highway Safety Improvement Program, Statewide, Statewide

Project Description

Highway safety improvement program balance for statewide projects.

Project Information

Mode	Highway	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
HSIP	Construction	2020	\$15,210,000	\$1,690,000	\$0	\$16,900,000
HSIP	Construction	2021	\$15,552,000	\$1,728,000	\$0	\$17,280,000
HSIP	Construction	2022	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2023	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2024	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2025	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2026	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2027	\$18,900,000	\$2,100,000	\$0	\$21,000,000
HSIP	Construction	2028	\$18,900,000	\$2,100,000	\$0	\$21,000,000
Totals:			\$163,062,000	\$18,118,000	\$0	\$181,180,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT Y-5500

Traffic Separation Study

Project Description

Traffic separation studies, implementation, and closures statewide.

Project Information

Mode	Public Transportation	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RR	Right of Way	Prior Year	\$259,000	\$65,000	\$0	\$324,000
RR	Construction	Prior Year	\$1,296,000	\$324,000	\$0	\$1,620,000
RR	Right of Way	2020	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2020	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2021	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2021	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2022	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2022	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2023	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2023	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2024	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2024	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2025	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2025	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2026	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2026	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2027	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2027	\$2,000,000	\$500,000	\$0	\$2,500,000
RR	Right of Way	2028	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2028	\$2,000,000	\$500,000	\$0	\$2,500,000
Totals:			\$23,155,000	\$5,789,000	\$0	\$28,944,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT Z-5400

Grade Crossing Safety Improvements

Project Description

Statewide highway-rail grade crossing safety improvements. This project is in progress.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RR	Construction	Prior Year	\$23,072,800	\$5,768,200	\$0	\$28,841,000
Totals:			\$23,072,800	\$5,768,200	\$0	\$28,841,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT Z-5700

Grade Crossing Safety Improvements

Project Description

Statewide highway-rail grade crossing safety improvements. This project is in progress.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	N/A
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RR	Construction	Prior Year	\$11,877,600	\$2,969,400	\$0	\$14,847,000
		Totals:	\$11,877,600	\$2,969,400	\$0	\$14,847,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT Z-5800

Grade Crossing Safety Improvements

Project Description

Statewide highway-rail grade crossing safety improvements.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RR	Right of Way	2020	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2020	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2021	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2021	\$2,400,000	\$600,000	\$0	\$3,000,000
Totals:			\$5,600,000	\$1,400,000	\$0	\$7,000,000

TRANSPORTATION IMPROVEMENT PROGRAM PROJECT Z-9999

Grade Crossing Safety Improvements - Unprogrammed Balance

Project Description

Unprogrammed fund balance for highway-rail grade crossing improvements. This is a statewide project.

Project Information

Mode	Rail	Project Status	Active
Project Length	N/A	Date Awarded	9/5/2019
Divisions	N/A	Regions	N/A
Municipalities	N/A	Counties	N/A

Project Schedule

Funding Source	Phase	Year	Federal	State	Local	Total
RR	Right of Way	2023	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2023	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2024	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2024	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2025	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2025	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2026	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2026	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2027	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2027	\$2,400,000	\$600,000	\$0	\$3,000,000
RR	Right of Way	2028	\$400,000	\$100,000	\$0	\$500,000
RR	Construction	2028	\$2,400,000	\$600,000	\$0	\$3,000,000
Totals:			\$16,800,000	\$4,200,000	\$0	\$21,000,000

FY2020-2029

Transportation Improvement Program

APPENDIX B: 10-YEAR PROGRAM OF PROJECTS

This appendix presents the 10-year program of projects included in the FY2020-2029 MTIP. The information shown in this appendix is identical to that shown in the project sheets in Appendix A, but the format used by NCDOT in the State Transportation Improvement

Program (STIP). This 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.

**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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED												
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS												
INTERSTATE PROJECTS																													
I-40 / I-85 ORANGE	I-5958	WEST OF SR 1114 (BUCKHORN ROAD) TO WEST OF SR 1006 (ORANGE GROVE ROAD). PAVEMENT REHABILITATION.	7.1	8840	150	NHPIM							C	4345		C	4345												
SW																													
I-40 DURHAM	I-5707 H140722	NC 55 (ALSTON AVENUE) TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM. CONSTRUCT WESTBOUND AUXILIARY LANE.	1.2	6610	1780	NHP				R	1225																		
						NHP				U	55																		
						NHFP							C	2225															
						NHP							C	1325															
SW																													
I-40 DURHAM ORANGE	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	222646	88683	NHP	R	250	AA																				
						NHP	U	98	AA																				
						NHP							C	14113	AA	C	14113	AA	C	14112	AA								
						NHP	R	250	AB																				
						NHP	U	97	AB																				
						NHP						C	14113	AB	C	14113	AB	C	14112	AB	C	14112	AB						
						NHP	R	1225	AC	R	3675	AC																	
						NHP	U	150	AC	U	118	AC																	
						NHP						C	3800	AC	C	3800	AC	C	3800	AC	C	3800	AC						
						SW AA H090010-AA I-85 TO NC 86																							
						SW AB H090010-AB NC 86 TO DURHAM COUNTY LINE																							
						REG AC H090010-AC NC 86 INTERCHANGE IMPROVEMENTS																							
						B ORANGE COUNTY LINE TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM - COMPLETE																							
I-40 DURHAM	I-5993	US 15 / US 501 TO EAST OF NC 147. PAVEMENT REHABILITATION.	9.5	20580	10	NHPIM	CG	858		CG	858		CG	858		CG	858		CG	858		CG	858		CG	858		CG	4290
						NHPIM	C	3850		C	3850																		
SW																													
TO BE LET WITH I-5994; GARVEE BOND FUNDING: \$10 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																													
I-40 DURHAM	I-5994	US 15 / US 501 TO EAST OF NC 147. BRIDGE REHABILITATION - MULTIPLE STRUCTURES.	9.5	8112	10	NHPIM	CG	429		CG	429		CG	429		CG	429		CG	429		CG	429		CG	429		CG	2145
						S(M)	C	1667																					
SW																													
TO BE LET WITH I-5993; GARVEE BOND FUNDING: \$5 MILLION FOR CONSTRUCTION - PAYBACK 2020-2034																													
I-40 DURHAM WAKE	I-5995	EAST OF NC 147 TO SR 3015 (AIRPORT BOULEVARD). PAVEMENT REHABILITATION.	4.0	6488	10	NHPIM				CG	343		CG	343		CG	343		CG	343		CG	343		CG	343		CG	2058
						S(M)				C	1333																		
SW																													
GARVEE BOND FUNDING: \$4 MILLION FOR CONSTRUCTION - PAYBACK 2021-2035																													

DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)
 HF - State Dollars (Non STI) REG - Regional Category
 SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

**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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED								
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
INTERSTATE PROJECTS																									
I-40 DURHAM WAKE	I-6006 H172171	NC 54 (EXIT 273) TO SR 1728 (WADE AVENUE). CONVERT FACILITY TO A MANAGED FREEWAY WITH RAMP METERING AND OTHER ATM / ITS COMPONENTS.	15.8	54560	10	NHP								R	10										
						NHP								U	10										
						NHP								C	18177	C	18176	C	18177						
SW																									
I-85 ORANGE	I-5984 H150228	NC 86 IN HILLSBOROUGH. UPGRADE INTERCHANGE.		26100	1000	NHP								R	1900										
						NHP								U	2300										
						NHP										C	10450	C	10450						
SW																									
COORDINATE WITH I-305																									
I-85 ORANGE	I-5959	WEST OF SR 1006 (ORANGE GROVE ROAD) TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	7.5	11305	150	NHP										C	11155								
SW																									
COORDINATE WITH I-5967 AND U-5845																									
I-85 DURHAM ORANGE	I-0305 H171112	WEST OF SR 1006 (ORANGE GROVE ROAD) IN ORANGE COUNTY TO WEST OF SR 1400 (SPARGER ROAD) IN DURHAM COUNTY. ADD LANES.	7.8	137743	4343	NHP									R	900									
						NHP									U	500									
						NHP											C	33000						C	99000
SW																									
COORDINATE WITH I-5967, I-5984 AND U-5845																									
I-85 / US 15 DURHAM GRANVILLE	I-5942	NORTH OF SR 1827 (MIDLAND TERRACE) IN DURHAM COUNTY TO NORTH OF NC 56 IN GRANVILLE COUNTY. PAVEMENT REHABILITATION.	6.0	9188	1	NHP										C	4594	C	4593						
SW																									
TO BE LET WITH I-5941																									
I-85 / US 15 DURHAM	I-6010 H171350	EAST OF SR 1827 (MIDLAND TERRACE) TO SR 1632 (RED MILL ROAD) IN DURHAM. ADD LANES.	3.2	67552	10	NHP											R	7500							
						NHP											U	6742							
						NHP													C	53300					
SW																									
I-85 DURHAM	I-5941	ORANGE COUNTY LINE TO US 15 / US 501 IN DURHAM. PAVEMENT REHABILITATION	2.4	4267	1	NHP										C	2133	C	2133						
SW																									
TO BE LET WITH I-5942																									

DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)
 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	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
INTERSTATE PROJECTS																
I-85 DURHAM SW	I-5729		5.3	11315	11315											
UNDER CONSTRUCTION																
I-85 ORANGE SW	I-5967 H090200-B	SR 1009 (SOUTH CHURTON STREET) IN HILLSBOROUGH. INTERCHANGE IMPROVEMENTS.		21700	1000		NHP			R	825		R	2475		
							NHP			U	125		U	375		
							NHP							C	5634	
														C	5633	
														C	5633	
I-540 DURHAM WAKE SW	I-6000	I-40 IN DURHAM TO US 1 IN RALEIGH. BRIDGE PRESERVATION / REHABILITATION.	16.3	4551	10		NHPIM				C	4541				
COORDINATE WITH I-5998 AND I-5999																
I-540 DURHAM WAKE SW	I-5998	I-40 IN DURHAM TO US 70 IN RALEIGH. PAVEMENT REHABILITATION.		3800			NHPIM						C	3800		
COORDINATE WITH I-5999 AND I-6000																
RURAL PROJECTS																
NC 54 ORANGE	R-5821 H140374	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.	6.1	5709	1785		T		R	630	A					
							T		U	100	A					
							T					C	3194	A		
							REG A	H140374-F	SR 1006 (ORANGE GROVE ROAD) TO SR 1107 / SR 1937 (OLD FAYETTEVILLE ROAD). CONSTRUCT OPERATIONAL IMPROVEMENTS, INCLUDING BICYCLE/PEDESTRIAN ACCOMMODATIONS							
							DIV B	H140374-B	SR 1006 (ORANGE GROVE ROAD). INTERSECTION IMPROVEMENTS. - UNDER CONSTRUCTION							
NC 751 CHATHAM DIV	R-5825 H150227	SR 1731 (O'KELLY CHAPEL ROAD). UPGRADE AND REALIGN INTERSECTION.		910	910											
UNDER CONSTRUCTION																

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non STI)
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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED						
						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
RURAL PROJECTS																										
VARIOUS ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	R-5787	DIVISION 7 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		5114	4614	TA	C	400																		
						S	C	100																		
DIV																										
IN PROGRESS; "S" FUNDS REFLECT STATE HIGHWAY FUNDS																										
VARIOUS DURHAM FRANKLIN GRANVILLE PERSON VANCE WAKE WARREN	R-5785	DIVISION 5 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		2220	1720	TA	C	400																		
						S	C	100																		
DIV																										
IN PROGRESS; "S" FUNDS REFLECT STATE HIGHWAY FUNDS																										
VARIOUS CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	R-5788	DIVISION 8 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		2180	1680	TA	C	400																		
						S	C	100																		
DIV																										
IN PROGRESS; "S" FUNDS REFLECT STATE HIGHWAY FUNDS																										
URBAN PROJECTS																										
US 15 / US 501 DURHAM	U-6067 H090366-A	I-40, SR (MOUNT MORIAH ROAD), AND SOUTHWEST DURHAM PARKWAY IN DURHAM. IMPROVE INTERCHANGE / INTERSECTION AREA.	2.0	195310	10	T									R	16667		R	16666							
						T									U	1667		U	1666							
						T														C	35075					
SW																										
COORDINATE WITH U-5717																										

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non STI)
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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED										
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
URBAN PROJECTS																											
US 70 (MIAMI BOULEVARD) 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.	5.0	281312	2000	T							R	14450	A	R	14450	A									
						T							U	650	A	U	650	A									
						T																					
						T							R	21400	B	R	21400	B									
						T							U	700	B	U	700	B									
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**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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
URBAN PROJECTS																	
NC 55 (ALSTON AVENUE) DURHAM	U-3308	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 ST	1.0	41348	41348												
TRN																	
UNDER CONSTRUCTION																	
NC 55 DURHAM	U-6118 H172194	MERIDIAN PARKWAY TO I-40 INTERCHANGE IN DURHAM. ADD THIRD SOUTHBOUND LANE AND UPGRADE RAMP TERMINALS.	2.0	3110	10												
REG																	
NC 147 (DURHAM FREEWAY) DURHAM	U-5937 H150786	SR 1127 (WEST CHAPEL HILL STREET) TO BRIGGS AVENUE IN DURHAM. CONSTRUCT AUXILIARY LANES AND OPERATIONAL IMPROVEMENTS.	3.0	58288	200						R 4950						
SW																	
NC 147 DURHAM	U-5934 H110997	I-40 TO FUTURE I-885 (EAST END CONNECTOR) IN DURHAM. ADD LANES AND REHABILITATE PAVEMENT.	3.9	179548	300												
SW																	
DESIGN-BUILD PROJECT																	
NC 751 (HOPE VALLEY ROAD) DURHAM	U-5745 H128065	SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.		4508	2749		PE 37	PE 37	PE 37	PE 37	PE 37	PE 37	PE 37	PE 37	PE 37	PE 185	
REG																	
UNDER CONSTRUCTION; BUILD NC BONDS: \$442,000 FOR PE - PAYBACK 2020-2034, \$1 MILLION FOR CONSTRUCTION - PAYBACK 2019-2033																	
SR 1008 (MT. CARMEL CHURCH ROAD) ORANGE	U-5854 H111056	SR 1913 (BENNETT ROAD) IN CHAPEL HILL. CONSTRUCT ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS.		2607	2607												
DIV																	
UNDER CONSTRUCTION																	

DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)
 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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
URBAN PROJECTS																	
SR 2220 (OLD CHAPEL HILL ROAD) SR 1838 (OLD DURHAM ROAD) DURHAM ORANGE	EB-4707	US 15 / US 501 IN ORANGE COUNTY TO SR 1116 (GARRETT ROAD) IN DURHAM COUNTY. BICYCLE, PEDESTRIAN, AND TRANSIT IMPROVEMENTS; AND CONSTRUCTION OF ROUNDABOUT.	2.7	13348	13348												
						TRN A	US 15 / US 501 IN ORANGE COUNTY TO SR 1113 (POPE ROAD) IN DURHAM COUNTY - UNDER CONSTRUCTION										
						TRN B	SR 1113 (POPE ROAD) TO SR 1116 (GARRETT ROAD) - UNDER CONSTRUCTION										
SR 1009 (SOUTH CHURTON STREET) ORANGE	U-5845 H090200-A	I-40 TO ENO RIVER IN HILLSBOROUGH. WIDEN TO MULTILANES.	2.2	56556	2500	T				R	4626		R	4625			
						T				U	555		U	555			
						T									CB	1287	
						T									C	8130	
															CB	1287	
															C	8130	
															C	8130	
DIV																	
BUILD NC BONDS: \$15 MILLION FOR CONSTRUCTION - PAYBACK 2025-2039																	
WOODCROFT PARKWAY EXTENSION DURHAM	U-5823 H141304	SR 1116 (GARRETT ROAD) TO NC 751 (HOPE VALLEY ROAD) IN DURHAM. CONSTRUCT ROADWAY ON NEW ALIGNMENT.	0.2	2814	595	BGANY	R	301									
						L	R	75									
						BGANY	U	36									
						L	U	9									
						BGANY			C	1438							
						L			C	360							
DIV																	
NON-STATE SYSTEM FACILITY - LOCAL MATCH BY CITY OF DURHAM																	
BRIDGE PROJECTS																	
NC 86 ORANGE	B-6037	REPLACE BRIDGE 670049 OVER NORTH CAROLINA RAILROAD / NORFOLK SOUTHERN RAILROAD.		2850	100	NHPB			R	250							
						NHPB							C	2500			
REG																	
SR 1616 (BAHAMA ROAD) DURHAM	B-4943	REPLACE BRIDGE 310020 OVER DIAL CREEK (LAKE MICHIE).		2276	2276												
DIV																	
UNDER CONSTRUCTION																	
US 15 / US 501 NORTHBOUND DURHAM	B-5674	REPLACE BRIDGE 310080 OVER SR 1308 (CORNWALLIS ROAD) IN DURHAM.		2419	100	NHPB	R	110									
						NHPB					C	2209					
REG																	

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 SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

**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						
							DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				FUTURE YEARS		
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029			
BRIDGE PROJECTS																			
SR 1005 (OLD GREENSBORO ROAD) ORANGE	B-5348	REPLACE BRIDGE 670085 OVER PHIL'S CREEK.		1345	1345														
HF																			
							UNDER CONSTRUCTION												
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												
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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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	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
HIGHWAY SAFETY PROJECTS																
VARIOUS CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	W-5208	DIVISION 8 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		5463	5463	REG MA	NC 144 INTERSECTION. CONSTRUCT ROUNDABOUT - UNDER CONSTRUCTION									
UNDER CONSTRUCTION																
VARIOUS CHATHAM HOKE LEE MONTGOMERY MOORE RANDOLPH RICHMOND SCOTLAND	W-5708	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 8.		8619	7919	HSIP R 30 DIV HSIP C 180 DIV HSIP R 30 REG HSIP C 180 REG HSIP R 40 SW HSIP C 240 SW										
DIV DIV SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. REG REG SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS. SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.																
IN PROGRESS																
CONGESTION MITIGATION PROJECTS																
SR 1317 (MORREENE ROAD) DURHAM	C-4928	NEAL ROAD TO SR 1320 (ERWIN ROAD) IN DURHAM. CONSTRUCT BIKE LANES AND SIDEWALKS.		6784	994	BGANY R 6 L R 1 CMAQ C 2331 BGANY C 2140 L C 1312										
DIV																
PLANNING / DESIGN / RIGHT-OF-WAY / CONSTRUCTION BY CITY OF DURHAM - IN PROGRESS																
SR 1750 (NORTH ESTES DRIVE) ORANGE	C-5179	NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES. NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH.		3865	3865											
EX																
RIGHT-OF-WAY IN PROGRESS BY TOWN OF CHAPEL HILL																

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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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
CONGESTION MITIGATION PROJECTS																	
SR 1919 (SMITH LEVEL ROAD / S. GREENSBORO ST) ORANGE	C-5650	PUBLIC WORKS DRIVE TO N. END OF OLD PITTSBORO ROAD IN CARRBORO. CONSTRUCT 3,100 LF SIDEWALK ON ONE SIDE.	0.6	1948	105	BGANY	R	100									
						L	R	25									
						BGANY			C	530							
						L			C	132							
						CMAQ			C	440							
						L			C	110							
						L			C	506							
DIV																	
VARIOUS CHATHAM DURHAM ORANGE	C-5605	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE DURHAM / CHAPEL HILL / CARRBORO MPO.		2448	959	CMAQ	PE	119									
						L	PE	30									
						CMAQ	R	119									
						L	R	30									
						CMAQ	C	714									
						L	C	179									
						CMAQ	O	119									
						L	O	30									
						CMAQ	I	119									
						L	I	30									
EX																	
IN PROGRESS																	
VARIOUS DURHAM	C-5183	CONSTRUCT SIDEWALKS IN DURHAM.		815	109	CMAQ	C	565	B								
						L	C	141	B								
						EX B SR 1171 (RIDDLE RD.) TO CAPPS ST.											
EX																	
TRIANGLE J COUNCIL OF GOVERNMENTS DURHAM ORANGE WAKE	C-4924	TRIANGLE J COUNCIL OF GOVERNMENTS (COG). TRANSPORTATION DEMAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN TRIANGLE OZONE NON-ATTAINMENT AREA.		8400	8400												
						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											
JONES CREEK GREENWAY ORANGE	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.		766	100	CMAQ	C	523									
						L	C	131									
						CMAQ	I	10									
						L	I	2									
EX																	

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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	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED	
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
CONGESTION MITIGATION PROJECTS																	
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 GREE		610	610												
EX																	
UNDER CONSTRUCTION BY TOWN OF HILLSBOROUGH																	
WEST ELLERBE CREEK GREENWAY DURHAM	C-5572	PHASE II, WESTOVER PARK TO STADIUM DRIVE TRAIL IN DURHAM. CONSTRUCT MULTI-USE PATH.	1.9	1800	1800												
EX																	
UNDER CONSTRUCTION BY CITY OF DURHAM																	
BICYCLE AND PEDESTRIAN PROJECTS																	
US 15 / US 501 ORANGE	EB-5998 B150607	WILLOW DRIVE TO SR 1741 / SR 1838 (OLD DURHAM-CHAPEL HILL ROAD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATHS.	1.2	2248			TAANY				PE	163					
							L				PE	41					
							TAANY						C	1635			
							L						C	409			
DIV																	
COORDINATE WITH U-5304																	
NC 54 ORANGE	EB-5994 B140789	ANDERSON PARK TO JAMES STREET IN CARRBORO. CONSTRUCT MULTIUSE PATH ON NORTH SIDE OF NC 54.	0.7	1469			TAANY				PE	190					
							L				PE	48					
							TAANY						R	34			
							L						R	9			
							TAANY								C	950	
							L								C	238	
DIV																	
NC 54 DURHAM	EB-5708 B141102	NC 55 TO RESEARCH TRIANGLE PARK WESTERN LIMIT IN DURHAM. CONSTRUCT SECTIONS OF SIDEWALK ON SOUTH SIDE.	0.6	767	276		SRTS				C	236					
							TAANY				C	204					
							L				C	51					
DIV																	
RIGHT-OF-WAY IN PROGRESS																	

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HF - State Dollars (Non STI)	REG - Regional Category	
SW - Statewide Category	TRN - Transition Project	

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
BICYCLE AND PEDESTRIAN PROJECTS																
NC 55 (ALSTON AVENUE) DURHAM	EB-5835 B141100	SR 1171 (RIDDLE ROAD) TO CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN MISSING GAPS.	1.1	680		TAANY	PE	84								
						L	PE	21								
						TAANY			R	40						
						L			R	10						
						TAANY					C	420				
						L					C	105				
DIV																
SR 1005 (JONES FERRY ROAD) ORANGE	EB-5880 B150153	DAVIE ROAD TO SR 1010 (WEST MAIN STREET) IN CARRBORO. CONSTRUCT SIDEWALK ON NORTH SIDE.	0.5	561		TAANY			PE	71						
						L			PE	18						
						TAANY					R	25				
						L					R	6				
						TAANY						C	353			
						L						C	88			
DIV																
SR 1158 (CORNWALLIS ROAD) DURHAM	U-4724	SR 2295 (SOUTH ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD) IN DURHAM. BICYCLE AND PEDESTRIAN FEATURES.	1.2	5874	856	BGDA			C	606						
						L			C	151						
						BGANY			C	3409						
						L			C	852						
TRN																
SR 1780 (ESTES DRIVE) ORANGE	EB-5886 B150621	SR 1772 (NORTH GREENSBORO STREET) IN CARRBORO TO NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) IN CHAPEL HILL. BICYCLE AND PEDESTRIAN IMPROVEMENTS.	1.7	5032		TAANY	PE	136	A							
						L	PE	34	A							
						TAANY			R	37	A					
						L			R	9	A					
						TAANY					C	678	A			
						L					C	170	A			
						TAANY	R	691	B							
						L	R	173	B							
						TAANY			C	2483	B					
						L			C	621	B					
DIV A SR 1772 (NORTH GREENSBORO STREET) TO SOUTH OF NORFOLK-SOUTHERN RR TRACKS IN CARRBORO - PLANNING / DESIGN / RIGHT-OF-WAY BY TOWN OF CARRBORO. CONSTRUCTION ADMINISTRATION BY DIV. 7.																
DIV B SOUTH OF NORFOLK-SOUTHERN RR TRACKS TO NC 86 (MARTIN LUTHER KING, JR. BLVD) IN CHAPEL HILL - PLANNING / DESIGN / RIGHT-OF-WAY BY TOWN OF CHAPEL HILL. CONSTRUCTION ADMINISTRATION BY DIV. 7.																

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	FUNDS	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS CHATHAM DURHAM ORANGE	U-4726	DURHAM-CHAPEL HILL-CARRBORO (DCHC) MPO. BICYCLE, PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS.		13242	12842	TADA	C	400									
DIV																	
UNDER CONSTRUCTION																	
NC 157 / SR 1322 (GUESS ROAD) DURHAM	EB-5834 B141113	HILLCREST DRIVE TO SR 1407 (WEST CARVER STREET) IN DURHAM. CONSTRUCT SIDEWALKS ON BOTH SIDES.	1.1	911	118	TAANY			R	163							
						L			R	41							
						TAANY					C	471					
						L					C	118					
DIV																	
BARNES STREET ORANGE	EB-5890 B150194	KING STREET TO SR 1005 (JONES FERRY ROAD) IN CARRBORO. CONSTRUCT SIDEWALK.	0.2	292		TAANY					PE	37					
						L					PE	9					
						TAANY							R	13			
						L							R	3			
						TAANY									C	184	
						L									C	46	
DIV																	
DUKE BELTLINE TRAIL DURHAM	EB-5904 B150664	PETTIGREW STREET TO AVONDALE DRIVE IN DURHAM. CONSTRUCT MULTIUSE TRAIL ON FORMER RAIL CORRIDOR.	1.8	14250	10500	TAANY	C	120									
						L	C	930									
						O	C	2700									
DIV																	
RIGHT-OF-WAY IN PROGRESS BY CITY OF DURHAM; "O" FUNDING REFLECTS PUBLIC-PRIVATE PARTNERSHIP PARTICIPATION																	
BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL DURHAM	EB-5720 B141096	NC 55 TO TO DREW-GRANBY PARK IN DURHAM. CONSTRUCT SHARED-USE PATH AND CONNECTING SIDEWALKS.	3.0	5316	870	TAANY	R	3									
						L	R	11									
						TAANY			C	3524							
						L			C	908							
DIV																	
SCOPE AND COST OF EB-5833 PROJECT IS COMBINED WITH EB-5720																	

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HF - State Dollars (Non STI)	REG - Regional Category	
SW - Statewide Category	TRN - Transition Project	

**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
BICYCLE AND PEDESTRIAN PROJECTS																
MORGAN CREEK GREENWAY ORANGE	EL-4828	WESTERN SECTION, SR 1919 (SMITH LEVEL ROAD) TO UNIVERSITY LAKE IN CARRBORO. CONSTRUCT GREENWAY AND CONNECTIONS.		1568	1568											
TRN							TRN A	PHASE 1 - UNDER CONSTRUCTION								
							TRN B	PHASE 2 - PROJECT DELETED								
							PLANNING, DESIGN, RIGHT-OF-WAY AND CONSTRUCTION BY TOWN OF CARRBORO									
LASALLE STREET DURHAM	EB-5703 B141277	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	2157	717		TAANY					C	1152			
							L					C	288			
DIV							RIGHT-OF-WAY IN PROGRESS									
NC 751 / SR 1183 / SR 2220 / NON-SYSTEM (UNIVERSITY DRIVE) DURHAM	EB-5514	SR 1116 (GARRETT ROAD) TO SR 1158 (CORNWALLIS ROAD) IN DURHAM. ADD BICYCLE LANES AND PEDESTRIAN IMPROVEMENTS.	3.1	2413	2413											
TRN							UNDER CONSTRUCTION BY CITY OF DURHAM									
ORANGE COUNTY BICYCLE ROUTE 1 ORANGE	EB-5721 B140778	CLELAND DRIVE TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE EXISTING OFF-ROAD PATH AND CONSTRUCT NEW SECTION OF PATH.	0.7	1089	120		TAANY	C	775							
							L	C	194							
DIV																
RAYNOR STREET DURHAM	EB-5704 B141247	NORTH MIAMI BOULEVARD TO NORTH HARDEE STREET IN DURHAM. CONSTRUCT SIDEWALK ON ONE SIDE OF STREET.	0.4	778	268		TAANY					C	408			
							L					C	102			
DIV							RIGHT-OF-WAY IN PROGRESS									
US 501 BYPASS (NORTH DUKE STREET) DURHAM	EB-5715 B140719	MURRAY AVENUE TO US 501 BUSINESS (NORTH ROXBORO ROAD) IN DURHAM. CONSTRUCT SIDEWALK ON EAST SIDE TO FILL IN EXISTING GAPS.	1.8	4775	1266		TAANY	R	663							
							L	R	166							
							TAANY					C	2144			
							L					C	536			
DIV							RIGHT-OF-WAY IN PROGRESS									

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HF - State Dollars (Non STI)	REG - Regional Category	
SW - Statewide Category	TRN - Transition Project	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
BICYCLE AND PEDESTRIAN PROJECTS																
THIRD FORK CREEK TRAIL DURHAM	EB-5837 B150144	SOUTHERN BOUNDARIES PARK TO AMERICAN TOBACCO TRAIL IN DURHAM. CONSTRUCT SHARED USE PATH AND SIDEWALKS, AND INSTALL BEACON ATSR 1158 (CORNWALLIS ROAD) CROSSING.	1.6	3799	567	TAANY L TAANY L	R R C C	14 3 2544 671								
DIV																
PUBLIC TRANSPORTATION PROJECTS																
VARIOUS CHATHAM	TA-6719 T171420	CHATHAM TRANSIT NETWORK. PURCHASE 3 NEW RAMP-EQUIPPED MINIVANS.		141		T L		A A	127 14							
DIV																
CHAPEL HILL TRANSIT DURHAM	TA-5019A	PARATRANSIT VEHICLES, BUS REFURBISHMENT, AND BUS SHELTERS.		685	685											
DIV																
IN PROGRESS BY CHAPEL HILL TRANSIT																
CHAPEL HILL TRANSIT ORANGE	TA-5143	PURCHASE SUPPORT AND PARATRANSIT VEHICLES		200	200	FBUS L S										
SD																
CHAPEL HILL TRANSIT ORANGE	TA-5200	BUS REPLACEMENT PROJECT (C-5605C)		1400	1400	CMAQ L										
SD																
CHAPEL HILL TRANSIT ORANGE	TA-4748	REPLACEMENT - PARATRANSIT VEHICLE		4421	3633	FUZ CP CP CP CP	197	197	197	197						
SD																
FUNDS AUTHORIZED IN PROGRESS																
CHAPEL HILL TRANSIT ORANGE	TA-4726	REPLACEMENT BUSES		51141	41449	FBUS FUZ L S	CP CP CP CP	1939 242 242 242	1939 242 242 242	1939 242 242 242	1939 242 242 242					
SD																
FUNDS AUTHORIZED IN PROGRESS																

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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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PUBLIC TRANSPORTATION PROJECTS																
CHAPEL HILL TRANSIT ORANGE SD	TA-4979	REPLACEMENT VAN		4061	3269	FUZ					CP	792				
FUNDS AUTHORIZED IN PROGRESS																
CHAPEL HILL TRANSIT ORANGE SD	TA-6695	BUS REPLACEMENT PROJECT- CMAQ		1368	1368	CMAQ										
						L										
CHAPEL HILL TRANSIT ORANGE SD	TD-5271	RENOVATE BUS RELATED FACILITIES		50	50	FBUS										
CHAPEL HILL TRANSIT ORANGE SD	TD-4710B	FACILITY - PARK & RIDE		878	878	FUZ										
CHAPEL HILL TRANSIT ORANGE SD	TG-6785	PURCHASE 2 BUSES		917	917	L										
						STBGDA										
CHAPEL HILL TRANSIT ORANGE SD	TG-5227	ROUTINE CAPITAL - PURCHASE BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SUPPORT VEHICLES, REPLACE/REPAIR LIFTS		329	329	FBUS										
						L										
CHAPEL HILL TRANSIT ORANGE SD	TG-5247	ROUTINE CAPITAL - RESURFACE PARK & RIDE LOTS		71	71	FUZ										
						L										
						S										
CHAPEL HILL TRANSIT ORANGE SD	TG-5249	ROUTINE CAPITAL - RESURFACE PARK & RIDE LOTS		70	70	FUZ										
						L										

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED			
						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
PUBLIC TRANSPORTATION PROJECTS																							
CHAPEL HILL TRANSIT ORANGE SD	TG-5248	SURFACE PARK & RIDE LOTS		100	100	FBUS																	
CHAPEL HILL TRANSIT ORANGE SD	TG-4732A	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC		3920	2840	FUZ	CP	432			CP	432											
						S	CP	108			CP	108											
FUNDS AUTHORIZED IN PROGRESS																							
CHAPEL HILL TRANSIT ORANGE SD	TG-4731B	PREVENTIVE MAINTENANCE		28557	23185	FUZ	O	1074	O	1074	O	1074	O	1074									
						L	O	269	O	269	O	269	O	269									
FUNDS AUTHORIZED IN PROGRESS																							
CHAPEL HILL TRANSIT ORANGE SD	TG-4732B	ROUTINE CAPITAL - SERVICE VEHICLE		888	692	FUZ					CP	157											
						L					CP	39											
FUNDS AUTHORIZED IN PROGRESS																							
CHAPEL HILL TRANSIT ORANGE SD	TM-5132	OPERATING ASSISTANCE		414	414	JARC																	
						L																	
CHAPEL HILL TRANSIT ORANGE SD	TM-5305	OPERATING - NIGHT SERVICE		136	136	JARC																	
						L																	
CHAPEL HILL TRANSIT ORANGE SD	TM-5306	OPERATING ASSISTANCE - CONTINUATION OF SERVICE HOUR EXTENSIONA		144	144	JARC																	
						L																	

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED				
						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS								
PUBLIC TRANSPORTATION PROJECTS																								
CITY OF DURHAM DURHAM	TA-6696	BUS REPLACEMENT		1000	1000	CMAQ																		
						L																		
SD																								
CITY OF DURHAM DURHAM	TA-6710	REPLACEMENT VEHICLES		500	500	CMAQ																		
						L																		
SD																								
CITY OF DURHAM DURHAM	TA-6715	ELECTRIC BUS REPLACEMENT		2500	2500	FBUS																		
						L																		
SD																								
CITY OF DURHAM DURHAM	TM-5307	CITY OF DURHAM PLANNING AND PROGRAM ADMINISTRATION OF 5316 JARC PROJECTS		90	90	JARC																		
SD																								
CITY OF DURHAM DURHAM	TN-5134	CITY OF DURHAM PLANNING AND PROGRAM ADMINISTRATION OF 5317 NEW FREEDOM PROJECTS		14	14	FNF																		
SD																								
CITY OF DURHAM DURHAM	TQ-7002	ADMINISTRATION OF SECTION 5310 PROGRAM		119	119	FEPD																		
SD																								
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-4923	REPLACEMENT BUS.		4023	4023																			
DIV																								
IN PROGRESS BY DURHAM AREA TRANSIT AUTHORITY																								
DURHAM AREA TRANSIT AUTHORITY DURHAM	TA-5145	PURCHASE REPLACEMENT BUSES AND REPLACEMENT PARATRANSIT VEHICLES		424	424	FBUS																		
						L																		
SD																								

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED							
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
PUBLIC TRANSPORTATION PROJECTS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TA-5199	BUS REPLACEMENT PROJECT (C-5605B)		2800	2800	CMAQ																					
						L																					
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TA-5147	BUS REFURBISHMENT - 3		102	102	FBUS																					
						L																					
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TA-5144	PURCHASE REPLACEMENT BUSES		800	800	FBUS																					
						L																					
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TA-5146	BUS REPOWER - 3		354	354	FBUS																					
						L																					
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TG-4738	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.		9065	6689	CMAQ																					
						FBUS																					
						FUZ	CP	475	CP	475	CP	475	CP	475													
						L	CP	119	CP	119	CP	119	CP	119													
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TG-6178A	PURCHASE OF SERVICE		250	250	FEPD																					
						L																					
FUNDS AUTHORIZED IN PROGRESS																											
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TG-4738A	PREVENTIVE MAINTENANCE		51860	36860	FUZ	O	3000	O	3000	O	3000	O	3000													
						L	O	750	O	750	O	750	O	750													
FUNDS AUTHORIZED IN PROGRESS																											

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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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PUBLIC TRANSPORTATION PROJECTS																
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TM-5310	EXPANDED SERVICE TO BRIER CREEK		462	462	JARC L										
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TM-5304	CAPITAL - TRAVEL TRAINING		125	125	JARC L										
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TN-5132	CAPITAL- MEMBERSHIP IN GOTRIANGLE REGIONAL CALL CENTER		131	131	FNF L										
DURHAM AREA TRANSIT AUTHORITY DURHAM ORANGE SD	TN-5102	OPERATING ASSISTANCE - NEW FREEDOM - URBAN		1764	1260	FNF L		O	63		O	63		O	63	
FUNDS AUTHORIZED IN PROGRESS																
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TO-5202	5307 OPERATING ASSISTANCE		524	524	FUZ L										
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TO-5203	PARATRANSIT OPERATING (CAPITAL)		499	499	FUZ										
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TO-5130	OPERATING ASSISTANCE		39184	27960	SMAP		O	2806		O	2806		O	2806	
FUNDS AUTHORIZED IN PROGRESS																

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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED			
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
PUBLIC TRANSPORTATION PROJECTS																							
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TO-5130B	OPERATING ASSISTANCE - NEW ROUTE		3749	3749	CMAQ																	
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TP-5108	PLANNING ASSISTANCE - 5303		1960	1400	FMPL	CP	112	CP	112	CP	112	CP	112									
						L	CP	14	CP	14	CP	14	CP	14									
						S	CP	14	CP	14	CP	14	CP	14									
FUNDS AUTHORIZED IN PROGRESS																							
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TP-5109	PLANNING ASSISTANCE - 5307		6262	4342	FUZ	CP	384	CP	384	CP	384	CP	384									
						L	CP	48	CP	48	CP	48	CP	48									
						S	CP	48	CP	48	CP	48	CP	48									
FUNDS AUTHORIZED IN PROGRESS																							
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TQ-3000	RESERVATION, SCHEDULING SY AND MOBILITY SERVICES		136	136	FEPD																	
						L																	
DURHAM AREA TRANSIT AUTHORITY DURHAM SD	TS-5108	SAFETY & SECURITY - MIN. 1% SET ASIDE		575	403	FUZ	CP	39	CP	39	CP	39	CP	39									
						L	CP	4	CP	4	CP	4	CP	4									
FUNDS AUTHORIZED IN PROGRESS																							
DURHAM CENTER FOR SENIOR LIFE DURHAM SD	TN-5133	CAPITAL-CONTINUATION OF TRAVEL TRAINING		30	30	FNF																	
						L																	
DURHAM COUNTY ACCESS DURHAM SD	TA-6246	CAPITAL		200	200	FNU																	

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS						
PUBLIC TRANSPORTATION PROJECTS																							
GOTRIANGLE TRANSIT ORANGE WAKE	TA-6669 T150454	PURCHASE EXPANSION VEHICLES FOR CRX ROUTE.		2431	2431																		
REG																							
							IN ACQUISITION																
GOTRIANGLE 400; 405; 420; 800; 805; CRX; FCX ORANGE	TD-5284 T150600	UNC HOSPITALS AREA IN CHAPEL HILL. CONSTRUCT NEIGHBORHOOD TRANSIT CENTER TRANSFER STATION.		360			FUZ							C	288								
							L							C	36								
							T							C	36								
REG																							
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TA-6526	CAPITAL		5		5	FEPD																
							L																
							S																
SD																							
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TQ-6165	MOBILITY MANAGEMENT		150	150		FEPD																
							L																
							S																
SD																							
ORANGE COUNTY DEPARTMENT OF AGING ORANGE	TQ-3002	SENIOR TRANSPORTATION EXPANSION, ASSESSMENT AND MOBILITY MANAGER INCLUDING PURCHASE OF SERVICE		439	439		FEPD																
							L																
SD																							
							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	20		FBUS																
							L																
SD																							

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PUBLIC TRANSPORTATION PROJECTS																
ORANGE PUBLIC TRANSIT ORANGE	TD-5155	1 REPLACEMENT LTV (25') AND RADIO, VEHICLE LETTERING AND LOGOS, AND ON-BOARD CAMERA.		77	77											
DIV																
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	130	FUZ										
SD																
ORANGE PUBLIC TRANSIT ORANGE	TP-5151	CAPITAL ITEMS: SOFTWARE AND TECHNOLOGY EQUIPMENT (AUTOMATED PASSENGER COUNTERS)		18	18	STBGDA										
SD																
ORANGE PUBLIC TRANSIT ORANGE	TA-6721 T171425	PURCHASE TWO (2) LIGHT TRANSIT VEHICLES		109		T L				A A	98 11					
DIV																
GOTRIANGLE TRANSIT DURHAM WAKE	TA-6668 T150797	PURCHASE EXPANSION VEHICLES FOR DRX ROUTE.		2431	2431											
REG																
IN ACQUISITION																
CHAPEL HILL TRANSIT ORANGE	TA-4726A	3 REPLACEMENT BUSES.		2235	2235											
DIV																
IN PROGRESS BY CHAPEL HILL TRANSIT																
GO TRIANGLE TRANSIT DURHAM	TD-5286 T150613	GOTRIANGLE TRANSIT CORRIDORS. IMPROVEMENT OF ROXBORO TRANSIT CORRIDOR FROM DENFIELD STREET TO PETTIGREW STREET, DURHAM STATION ACCESS, STOP IMPROVEMENTS, AND BUS SHELTERS.		1590		FUZ T L				C C C	1272 159 159					
REG																

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
GO TRIANGLE TRANSIT DURHAM	TG-5255	ESTABLISH NEIGHBORHOOD TRANSIT CENTERS IN DURHAM.															
							REG B	T130027	NEIGHBORHOOD TRANSIT CENTER IN SOUTH DURHAM IN CONNECTION WITH SOUTHPOINT PARK-AND-RIDE FACILITY.								
							REG E	T130030	NEIGHBORHOOD TRANSIT CENTER IN SOUTHWEST DURHAM IN CONNECTION WITH PATTERSON PLACE T PARK-AND-RIDE FACILITY.								
REG							IN PROGRESS										
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE SD	TA-5218	PURCHASE OF REPLACEMENT PARATRANSIT VEHICLES (3) AND RELATED EQUIPMENT (CAMPO)		282	282		FUZ										
							L										
							S										
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE SD	TA-5219	PURCHASE OF REPLACEMENT BUSES (5)		2350	2350		FUZ										
							L										
							S										
TRIANGLE TRANSIT AUTHORITY DURHAM WAKE SD	TA-5225	PURCHASE OF REPLACEMENT BUS (1) AND VANPOOL VEHICLES (5) (CAMPO)		628	628		FBUS										
							L										
							S										
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE SD	TA-5148	VANPOOL VANS - REPLACEMENT (8)		224	224		FBUS										
							L										
TRIANGLE TRANSIT AUTHORITY DURHAM SD	TA-5135	BUS REHABILITATION		277	277		FBUS										
							L										
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE SD	TA-4818B	REPLACEMENT BUS		6491	5529		FUZ			CP	770						
							L			CP	96						
							S			CP	96						

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
PUBLIC TRANSPORTATION PROJECTS																
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE SD	TA-5123B	EXPANSION BUS		19546	16304	FUZ	CP	1351			CP	1351				
						L	CP	135			CP	135				
						S	CP	135			CP	135				
FUNDS AUTHORIZED IN PROGRESS																
TRIANGLE TRANSIT AUTHORITY DURHAM SD	TD-5267	MAINTENANCE FACILITY RENOVATION		94	94	FBUS										
						L										
TRIANGLE TRANSIT AUTHORITY DURHAM SD	TG-5250	SHOP EQUIPMENT		87	87	FBUS										
						L										
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE SD	TG-5251	ROUTINE CAPITAL		277	277	FBUS										
						L										
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE SD	TG-4821B	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC INCLUDES ADA, PM AND SERVICE VEHICLES		24490	16614	FUZ	CP	1575	CP	1575	CP	1575	CP	1575		
						L	CP	394	CP	394	CP	394	CP	394		
FUNDS AUTHORIZED IN PROGRESS																
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE WAKE SD	TM-5311	SUNDAY ROUTES (400, 700, & 800)		470	470	JARC										
						L										

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non STI)
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**DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION
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)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED																																																																			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																																																																		
PUBLIC TRANSPORTATION PROJECTS																																																																																			
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE	TP-4732A	PLANNING ASSISTANCE		8429	5477	<table border="1"> <tr><td>FUZ</td><td>PL</td><td>590</td><td>PL</td><td>590</td><td>PL</td><td>590</td><td>PL</td><td>590</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>L</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>S</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td>PL</td><td>74</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	FUZ	PL	590	PL	590	PL	590	PL	590								L	PL	74	PL	74	PL	74	PL	74								S	PL	74	PL	74	PL	74	PL	74																																				
FUZ	PL	590	PL	590	PL	590	PL	590																																																																											
L	PL	74	PL	74	PL	74	PL	74																																																																											
S	PL	74	PL	74	PL	74	PL	74																																																																											
SD						FUNDS AUTHORIZED IN PROGRESS																																																																													
TRIANGLE TRANSIT AUTHORITY DURHAM ORANGE	TS-5119	SAFETY & SECURITY - MIN. 1% SET ASIDE		404	328	<table border="1"> <tr><td>FUZ</td><td>CP</td><td>17</td><td>CP</td><td>19</td><td>CP</td><td>17</td><td>CP</td><td>17</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>L</td><td>CP</td><td>2</td><td></td><td></td><td>CP</td><td>2</td><td>CP</td><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	FUZ	CP	17	CP	19	CP	17	CP	17								L	CP	2			CP	2	CP	2																																																				
FUZ	CP	17	CP	19	CP	17	CP	17																																																																											
L	CP	2			CP	2	CP	2																																																																											
SD						FUNDS AUTHORIZED IN PROGRESS																																																																													
FREIGHT RAIL PROJECTS																																																																																			
NORFOLK SOUTHERN H LINE DURHAM	P-5706 R141797	EAST DURHAM RAILROAD SAFETY PROJECT. PROJECT WILL STRAIGHTEN EXISTING RAILROAD CURVATURE BETWEEN CP NELSON AND CP EAST DURHAM AND INCLUDES A COMBINATION OF GRADE SEPARATIONS AND CLOSURES AT ELLIS ROAD SOUTH END (734737A), GLOVER ROAD (734735L), AND WRENN	6.9	47428	4928	<table border="1"> <tr><td>T</td><td>R</td><td>9327</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>T</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>O</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	T	R	9327														T																O																																												
T	R	9327																																																																																	
T																																																																																			
O																																																																																			
SW						"O" FUNDING REFLECTS PARTICIPATION BY NORFOLK SOUTHERN CORPORATION																																																																													
NORFOLK SOUTHERN H LINE DURHAM	P-5717 R150314	CROSSING 734742W AT SR 1121 (CORNWALLIS ROAD) IN DURHAM. CONSTRUCT GRADE SEPARATION.		21678	1200	<table border="1"> <tr><td>T</td><td>R</td><td>125</td><td>R</td><td>2375</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>T</td><td>U</td><td>94</td><td>U</td><td>1784</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>T</td><td></td><td></td><td>C</td><td>5200</td><td>C</td><td>5200</td><td>C</td><td>5200</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>O</td><td></td><td></td><td>C</td><td>500</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	T	R	125	R	2375												T	U	94	U	1784												T			C	5200	C	5200	C	5200								O			C	500																								
T	R	125	R	2375																																																																															
T	U	94	U	1784																																																																															
T			C	5200	C	5200	C	5200																																																																											
O			C	500																																																																															
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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												
							DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS		
<u>PASSENGER RAIL PROJECTS</u>																			
PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.		174422	174422														
ALAMANCE						A	EQUIPMENT REBUILD - 2 F59PHI LOCOMOTIVES - IN PROGRESS												
CABARRUS						B	PURCHASE 2 USED LOCOMOTIVES - COMPLETE												
DAVIDSON						C	EQUIPMENT REHABILITATION - 3 LOCOMOTIVES - IN PROGRESS												
DURHAM						D	EQUIPMENT REHABILITATION - 3 PASSENGER CARS - COMPLETE												
GUILFORD						E	PASSENGER TRAIN SECURITY SYSTEM, CCTV DATA NETWORK AND GENERATORS - IN PROGRESS												
MECKLENBURG						F	CRISP CHARLOTTE MAINTENANCE FACILITY - TRACK EXTENSION AND SHOP BUILDING - IN PROGRESS												
ORANGE						G	PURCHASE 4 USED PASSENGER CARS AND REHABILITATE 7 PASSENGER CARS - IN PROGRESS												
RANDOLPH						H	CAPITAL YARD PHASE 1 IMPROVEMENTS - EXTEND TRACKS 1 AND 2, MAJOR WORK TRACK 3 - IN PROGRESS												
ROWAN						I	EQUIP 9 STATIONS AND PLATFORMS WITH ADA/FRA PIDS - IN PROGRESS												
WAKE																			
EX																			

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STATEWIDE PROJECT 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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED												
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS												
INTERSTATE PROJECTS																													
VARIOUS STATEWIDE SW	I-9999	INTERSTATE MAINTENANCE BALANCE.		451003		NHPIM								C	69588	C	85615	C	95800	C	100000	C	100000						
RURAL PROJECTS																													
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		5780	4180	T	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV		
						T	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG	PE	48	REG		
						T	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW		
						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 STATEWIDE	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		684	384	T	PE	100	DIV																				
						T	PE	100	REG																				
						T	PE	100	SW																				
						DIV	DIV	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.																					
						REG	REG	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.																					
						SW	SW	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.																					
						IN PROGRESS																							
VARIOUS STATEWIDE	M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		27088	17088	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV		
						T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG		
						T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW		
						DIV	DIV	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
						REG	REG	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
						SW	SW	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																					
						IN PROGRESS																							
VARIOUS STATEWIDE	M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3535	535	T	PE	300		PE	300		PE	300		PE	300		PE	300		PE	300		PE	300			

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STATEWIDE PROJECT 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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED														
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS														
RURAL PROJECTS																															
VARIOUS STATEWIDE	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	PE	120	DIV	PE	120	DIV			
							T	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG	PE	120	REG			
							T	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW			
							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																								
VARIOUS STATEWIDE	M-0534	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.		22000	2000		T	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV	PE	600	DIV			
							T	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG	PE	600	REG			
							T	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW	PE	800	SW			
							DIV	DIV	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																						
							REG	REG	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																						
							SW	SW	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.																						
							IN PROGRESS																								
VARIOUS STATEWIDE	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		12000	7000		T	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV			
							T	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG	PE	150	REG			
							T	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW			
							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 STATEWIDE	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		6758	4258		T	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV			
							T	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG	PE	75	REG			
							T	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW	PE	100	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 STATEWIDE	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	R	250	R	250	R	250				

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STATEWIDE PROJECT 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	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED															
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																			
RURAL PROJECTS																																				
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21841	12931		T	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV								
							T	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG	PE	270	REG								
							T	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW								
							DIV	DIV	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																											
							REG	REG	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																											
							SW	SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																											
							IN PROGRESS																													
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		244131	244131		IN PROGRESS																													
VARIOUS STATEWIDE	R-5753	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.		35062		FLTP	C	35062																												
							PROGRAM IN PROGRESS																													
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		278058	278058		IN PROGRESS																													
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		73915	43915	BG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV						
						BG	C	900	REG	C	900	REG	C	900	REG	C	900	REG	C	900	REG	C	900	REG	C	900	REG	C	900	REG						
						BG	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW						
						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-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		91242	91242		IN PROGRESS																													
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20234	20234		IN PROGRESS																													

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STATEWIDE PROJECT HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS																				
RURAL PROJECTS																																					
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		155559	145559		NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV									
							NHP	M	150	REG	M	150	REG	M	150	REG	M	150	REG	M	150	REG	M	150	REG	M	150	REG									
							NHP	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW									
							T	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV												
							T	M	150	REG	M	150	REG	M	150	REG	M	150	REG	M	150	REG	M	150	REG												
							T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW												
							DIV	DIV	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
							REG	REG	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
							SW	SW	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
							IN PROGRESS																														
FEASIBILITY STUDIES																																					
VARIOUS STATEWIDE SW	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064		T	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200								
BRIDGE PROJECTS																																					
VARIOUS STATEWIDE DIV	B-8888	BRIDGE REPLACEMENT HOLDOUT.		162322			BGOFF									C	12031	C	21682	C	25157	C	26509	C	16943	C	30000	C	30000								
VARIOUS STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.		497354	257354		BG	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV	I	7200	DIV						
							BG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG	I	7200	REG						
							BG	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW	I	9600	SW						
							DIV	DIV	BRIDGE INSPECTION PROGRAM.																												
							REG	REG	BRIDGE INSPECTION PROGRAM.																												
							SW	SW	BRIDGE INSPECTION PROGRAM.																												
							IN PROGRESS																														
VARIOUS STATEWIDE DIV	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		10918	10918																																
							IN PROGRESS																														
VARIOUS STATEWIDE DIV	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		12337	12337																																
							UNDER CONSTRUCTION																														

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STATEWIDE PROJECT 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	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED															
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS														
BRIDGE PROJECTS																															
VARIOUS STATEWIDE DIV	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		2500	2500																										
IN PROGRESS																															
VARIOUS STATEWIDE	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		32648	32648																										
							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 STATEWIDE DIV	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		6994	6994																										
UNDER CONSTRUCTION																															
VARIOUS STATEWIDE DIV	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																										
IN PROGRESS																															
HIGHWAY SAFETY PROJECTS																															
VARIOUS STATEWIDE	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																										
VARIOUS STATEWIDE	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		505525			HSIP	C	12750	DIV	C	12960	DIV	C	15750	DIV	C	15750	DIV	C	15750	DIV	C	15750	DIV	C	15750	DIV			
							HSIP	C	12675	REG	C	12960	REG	C	15750	REG	C	15750	REG	C	15750	REG	C	15750	REG	C	15750	REG			
							HSIP	C	16900	SW	C	17280	SW	C	21000	SW	C	21000	SW	C	21000	SW	C	21000	SW	C	21000	SW			
							DIV	DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																						
							REG	REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																						
							SW	SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																						

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STATEWIDE PROJECT 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	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED			
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS			
HIGHWAY SAFETY PROJECTS																				
VARIOUS STATEWIDE	W-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000			HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV	
							HSIP	C	450	REG	C	450	REG	C	450	REG	C	450	REG	
							HSIP	C	600	SW	C	600	SW	C	600	SW	C	600	SW	
							DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.											
							REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.											
							SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.											

CONGESTION MITIGATION PROJECTS																			
VARIOUS STATEWIDE	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		51751	41540		CMAQ	PE	817										
							S(M)	PE	204										
							CMAQ	R	817										
							S(M)	R	204										
							CMAQ	C	4901										
							S(M)	C	1226										
							CMAQ	O	817										
							S(M)	O	204										
							CMAQ	I	817										
							S(M)	I	204										

EX																			
VARIOUS STATEWIDE	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														

							IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES												
VARIOUS STATEWIDE	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		1468			CMAQ	PE	118										
							L	PE	29										
							CMAQ	R	118										
							L	R	29										
							CMAQ	C	704										
							L	C	176										
							CMAQ	O	118										
							L	O	29										
							CMAQ	I	118										
							L	I	29										

EX

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STATEWIDE PROJECT HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED								
							FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
CONGESTION MITIGATION PROJECTS																								
VARIOUS STATEWIDE	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.		2994	2994																			
						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.																	
EX																								
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500																			
EX																								
IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																								
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																			
						EX A	PHASE 2 OF IMPLEMENTATION																	
EX																								
IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																								
STATEWIDE STATEWIDE	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000			CMAQ	C	30000	C	30000	C	30000	C	30000	C	30000							
EX																								
ENHANCEMENT (ROADSIDE PROJECTS)																								
VARIOUS STATEWIDE	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264	3264		BG	C	4000	C	4000	C	4000	C	4000	C	4000							
DIV																								
IN PROGRESS																								
VARIOUS STATEWIDE	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1412	712		T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV					
							T	PE	21	REG	PE	21	REG	PE	21	REG	PE	21	REG					
							T	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW					
							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.															

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**STATEWIDE PROJECT
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)	DELIVERABLE PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
						FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
BICYCLE AND PEDESTRIAN PROJECTS															
VARIOUS STATEWIDE	EB-6037	RAILS TO TRAILS PROGRAM		38750		L	R	3750							
						TALT5	R	15000							
						L					C	20000			
DIV															
LOCAL FUNDS REPRESENT LOCAL MATCH FOR RIGHT-OF-WAY AND CONSTRUCTION OF TRAILS BY LOCAL GOVERNMENTS.															
VARIOUS STATEWIDE TRN	ER-2971	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-6107	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									
SD															
GREYHOUND LINES STATEWIDE	TI-6108	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									
SD						L									
GREYHOUND LINES STATEWIDE	TI-6106	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									
SD															
GREYHOUND LINES STATEWIDE	TI-6105	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									
SD						L									
NCDOT FERRY DIVISION STATEWIDE SD	TA-6535	CAPITAL		789	789	FNF									
						S									

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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)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED							
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS										
PUBLIC TRANSPORTATION PROJECTS																											
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L																					
STATEWIDE						S																					
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU																					
STATEWIDE						L																					
STATEWIDE						S																					
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		1407	653	ADTAP	AD	92	AD	93	AD	93	AD	94	AD	94	AD	95	AD	96	AD	97					
STATEWIDE																											
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-6181	5311 ADMINISTRATIVE		204316	57488	FNU	AD	14681	AD	14681	AD	14682	AD	14682	AD	14683	AD	14683	AD	14684	AD	14684					
STATEWIDE						L	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753	AD	2753					
STATEWIDE						S	AD	918	AD	918	AD	918	AD	918	AD	918	AD	918	AD	918	AD	918					
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TK-4900Z	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	16730	FNU	AD	2820	AD	2840	AD	2860	AD	2880	AD	2900	AD	2920	AD	2940	AD	2960					
STATEWIDE																											
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC																					
STATEWIDE						L																					
SD																											
FUNDS AUTHORIZED IN PROGRESS																											
STATEWIDE	TN-6125	5317 NEW FREEDOM		4756	484	FEP	O	410	O	420	O	430	O	440	O	450	O	460	O	470	O	480					
STATEWIDE						L	O	82	O	84	O	86	O	88	O	90	O	92	O	94	O	96					
SD																											

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM						DEVELOPMENTAL PROGRAM				UNFUNDED										
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS									
PUBLIC TRANSPORTATION PROJECTS																										
STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU																				
STATEWIDE						L																				
SD																										
FUNDS AUTHORIZED IN PROGRESS																										
STATEWIDE	TO-6155	5311 OPERATING AND 5311 OPERATING F		173475	19155	FNU	O	12790	O	12810	O	12830	O	12850	O	12870	O	12890	O	12910	O	12930				
STATEWIDE						L	O	6395	O	6405	O	6415	O	6425	O	6435	O	6445	O	6455	O	6465				
SD																										
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU																				
STATEWIDE																										
SD																										
FUNDS AUTHORIZED IN PROGRESS																										
STATEWIDE	TP-5154	5304 PLANNING		5724	588	FMPL	PL	500	PL	510	PL	520	PL	530	PL	540	PL	550	PL	560	PL	570				
STATEWIDE						L	PL	100	PL	102	PL	104	PL	106	PL	108	PL	110	PL	112	PL	114				
SD																										
STATEWIDE	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		31363	11365	FEPD	CP	1998	CP	1998	CP	1999	CP	1999	CP	2000	CP	2000	CP	2000	CP	2002				
STATEWIDE						L	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	251				
						S	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	250	CP	251				
SD																										
FUNDS AUTHORIZED IN PROGRESS																										
STATEWIDE	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		26692	11986	FEPD	O	918	O	918	O	919	O	919	O	919	O	920	O	920	O	920				
STATEWIDE						L	O	918	O	918	O	919	O	919	O	919	O	920	O	920	O	920				
SD																										
FUNDS AUTHORIZED IN PROGRESS																										
STATEWIDE	TS-7001	5329 STATE SAFETY AND OVERSIGHT		5192	516	FED	AD	689	AD	689	AD	689	AD	345	AD	345	AD	345	AD	346	AD	346				
STATEWIDE						L															AD	70				
						S	AD	155	AD	155	AD	155	AD	69	AD	69	AD	69	AD	70	AD	70				
SD																										
STATEWIDE	TS-7000	DEVELOP AMD IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO																				
STATEWIDE																										
SD																										

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						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS													
PUBLIC TRANSPORTATION PROJECTS																														
STATEWIDE	TS-4900Z	STATEWIDE RTAP		6787	2707	RTAP	AD	440	AD	460	AD	480	AD	500	AD	520	AD	540	AD	560	AD	580								
STATEWIDE																														
SD																														
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																								
STATEWIDE						S																								
SD																														
FUNDS AUTHORIZED IN PROGRESS																														
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	5092	JARC	AD	500																						
STATEWIDE																														
SD																														
FUNDS AUTHORIZED IN PROGRESS																														
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3920	FNF	AD	350																						
STATEWIDE																														
SD																														
FUNDS AUTHORIZED IN PROGRESS																														
SUB REGIONAL	TV-4903	5310 STATE ADMIN		11315	6919	FEPD	AD	541	AD	545	AD	545	AD	545	AD	550	AD	550	AD	560	AD	560								
STATEWIDE																														
SD																														
FUNDS AUTHORIZED IN PROGRESS																														
PASSENGER RAIL PROJECTS																														
VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		14170	4170	T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV
STATEWIDE						T	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG	PE	300	REG
						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
							DIV																							
							REG																							
							SW																							
IN PROGRESS																														
VARIOUS	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31944	1944	RR	R	500	R	500	R	500	R	500	R	500	R	500	R	500	R	500	R	500	R	500	R	500		
STATEWIDE						RR	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500	C	2500		
SD																														
IN PROGRESS																														

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	DELIVERABLE PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED				
						FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS							
PASSENGER RAIL PROJECTS																								
VARIOUS STATEWIDE	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		24500		RR							R	500	R	500	R	500	R	500				
						RR							C	3000	C	3000	C	3000	C	3000				
DIV																								
VARIOUS STATEWIDE	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7000		RR	R	500	R	500														
						RR	C	3000	C	3000														
DIV																								
VARIOUS STATEWIDE	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14847	14847	IN PROGRESS																		
DIV																								
VARIOUS STATEWIDE	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841	IN PROGRESS																		
DIV																								
NORTH CAROLINA RAILROAD STATEWIDE	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456	IN PROGRESS																		
EX																								

DIV - Division Category	EX - Exempt Category	SD - State Dollars (Non STI)
HF - State Dollars (Non STI)	REG - Regional Category	
SW - Statewide Category	TRN - Transition Project	

FY2020-2029

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 (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 opportunity for public participation in developing the TIP, 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 (STIP). 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 new TIP Project Requests (Methodology) is the process that the MPO follows to develop the MPO's allocation of ranking points among projects for input into 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 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, which is located at the end of this appendix.

DCHC MPO Final Regional Impact Points Allocation for P5

Mode	Route/Project	From	To	Description	Jurisdiction	SECT Score	DCHC Points Assigned	Division Points Assigned	Final Score	Final/C
Transit	Durham-Orange Light Rail Transit			Construct a 17.7 mile light rail transit line from North Carolina Central University in Durham to UNC Hospitals in Chapel Hill.	Durham, Chapel Hill	63.33	100	100	83.33	■
Highway	NC 55	I-40	Meridian Oaks	Add third SB lane on NC 55 from Meridian to I-40 EB on-ramp and improve ramp terminals. Also add bike/ped facilities.	Durham	61.96	100	99	81.60	Y
Rail	NS/NOVA H Line			Construction of grade separation at SR 2294 (N. Wils Road) and closure of existing at-grade crossing (Crossing # 785 2307) in Durham.	Durham	49.33	100	100	79.33	■
Highway	US 70	SR 2539 (South Main Blvd) / SR 2511 (Sharon Road)	Page Road Extension / New Leasville Road	Upgrade Roadway to Freeway.	Durham	49.32	100	99	79.17	■
Highway	US 25, US 501	US 15-501 / NC 54 Interchange (Raleigh Road)	SR 2742 (Stephen Church Road)	Construct roadway improvements and add sidewalks, wide-outside lanes, and transit accommodations.	Chapel Hill	47.70	100	100	77.70	Y
Highway	US 501 (Roxboro Road)	US 501 Express (Duke Street)	Orange Road	Construct median, access management facilities, safety improvements, bicycle and pedestrian facilities, and transit stop improvements.	Durham	47.45	100	89	76.80	■
Highway	Division 5 Non-Municipal Divisionwide Signal System			Add converse and floor to signals in Division 5 which are outside of municipal systems and upgrade software and add equipment to enable monitoring of signals by Division staff. Division wide project. Will provide the face of signals.	Division 5	48.88	14	92	76.88	■
Highway	US 501 Bypass (Roxboro Road)	NC 55 (Parade Drive)	SR 2024 (Old Oxford Road)	Construct median along section with potential turn lanes at Lavender Avenue, Bon Air Avenue, and Murray Avenue. Fill in sidewalk gaps and provide streetscape amenities.	Durham	46.93	100	97	76.48	■
Highway	NC 86 (Holloway Street)	SR 2596 (Lurston Road)	SR 2518 (Lynn Road)	Construct safety improvements and widen to add median, bicycle lanes, sidewalks, transit stop improvements, and traffic signals where needed.	Durham	45.78	100	89	74.11	■
Highway	NC 54	SR 2597/SR 1367 Old Fayetteville Road		Improve Intersection	Carboro	42.92	100	100	72.92	■
Highway	US 25, US 501	SR 2518 (Smith Level Rd)	US 501 Pittsboro Bypass	Convert remaining non-synchronized sections of US 15-501 to synchronized between the Orange County Line and the US 54 Pittsboro Bypass	Chatham County	32.28	47	100	82.28	Y
Highway	NC 54	SR 2008 (Orange Grove Rd)	SR 2597 / SR 1367 (Old Fayetteville Rd)	Widen to a four-lane boulevard	Orange County	48.80	0	100	81.80	■
Transit	Commuter Rail from Durham to Garner			Construct commuter rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	Durham, Wake	48.87	32	0	81.37	■

Mode	Route/Project	From	To	Description	Jurisdiction	FY2017 Start	DCHC Points Assigned	DCHC Points Available	Fiscal Start	Fiscal End
Rail	NC/MORR H Line			Construction of at-grade crossing improvements at Blackwell Street (Crossing @ 733 229N), US 23 (Mungum Street) (Crossing @ 733 230P), and SR 1115 (Peyetteville Street) (Crossing @ 913 000P) per Durham TSS in Durham.	Durham	46.78	100	0	80.78	■
Highway	US 501 Business (Hoboro Road)	SR 1646 (Horton Road)		Install turn lanes on US 501 Business (Hoboro Road) at Horton Road.	Durham	44.76	100	0	68.76	■
Rail	NC/MORR H Line			Construction of grade separation at SR 1317 (Neal Road) and closure of existing at-grade crossing (Crossing @ 733 302E) in Durham.	Durham	42.13	100	0	67.13	■
Highway	NC 24	NC 751	SR 1115 (Peyetteville Road)	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit-Accommodations	Durham	40.30	100	0	66.30	■
Highway	NC 147 (Durham Freeway)	Elba Street/Trent Drive		Improve ramps by tying them into a roundabout with Elba Street and Trent Drive.	Durham	37.94	100	0	62.94	■
Highway	NC 88	US 70 Bypass	North of NC 57	Widen to four lanes with a median and improve interchanges at US 70 Bypass and NC 57.	Orange County	38.02	100	0	61.02	■
Highway	I-40	NC 24	NC 751	Construct auxiliary lane between ramps	Durham	47.78	0	0	47.78	■
Highway	US 23, US 301	NC 751	Pickett Road Overpass	Widen section of 23-301 bypass between Tower and NC 751 to 6 lanes	Durham	46.86	0	0	46.86	■
Highway	NC 24	US 13-301		Improve interchanges	Chapel Hill	30.44	100	0	46.44	■
Highway	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	Durham	46.37	0	0	46.37	■
Highway	I-540	I-40	US 1	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 8 hours during morning and evening peak periods (8 hours total).	Wake, Durham	44.41	0	0	44.41	■
Transit	Durham to Raleigh Commuter Rail Service			Construct infrastructure and service for commuter rail service from Durham to Raleigh. Project includes 4 locomotives and 8 coaches.	Durham, Wake	43.89	0	0	43.89	■
Highway	US 23, US 301	I-40	US 23/501 Business	I-40 to US 23/501 Bypass in Durham. Major Corridor Upgrade to Expressway	Durham	43.41	0	0	43.41	■
Highway	I-540	I-40	I-47	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 8 hours during morning and evening peak periods (8 hours total).	Wake, Durham	42.28	0	0	42.28	■
Transit	Durham to Wake Forest Commuter Rail			Construct infrastructure and service for commuter rail service from Durham to Wake Forest. Project includes 5 locomotives and 12 coaches.	Durham, Wake	40.19	0	0	40.19	■
Highway	NC 24	I-40	NC 751	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit-Accommodations	Durham	37.11	17	0	38.88	■

Mode	Route/Project	From	To	Description	Jurisdiction	DCHC		Division		Funding?
						SECT Score	Points Assigned	Points Assigned	Final Score	
Transit	Durham to Raleigh to Garner/White Forest commuter rail			Construct infrastructure and service for 6-2,3-3 service to Raleigh and 4-1,4-1 service to White Forest and Garner. Project includes 6 locomotives and 12 coaches.	Durham, Wake	38.45	0	0	38.45	■
Highway	US 70	Page Road Extension	Alamander Drive in Wake County	Upgrade roadway to freeway	Durham, Raleigh	38.25	0	0	38.25	■
Highway	US 25, US 301	NC 147 (Durham Road)	US 70 Business (Hillsborough Road)	Signalize collector-distributor ramp intersections to improve safety.	Durham	37.85	0	0	37.85	■
Transit	Commuter Rail Transit, West Durham to Garner			Construct commuter-rail transit service adjacent to and/or within the existing North Carolina Railroad Corridor extending from West Durham to Greenfield station in Garner via RTP, Cary, and Raleigh. Provide four trains each direction during the morning rush hour, four in the evening rush hour, and one train each direction in the off-peak AM and PM (a total of ten trains each direction). The peak services will operate at one-hour intervals (e.g. leave origin station at 6:00 am, 7:00 am, 6:00 pm, etc.).	Durham, Wake	34.83	0	0	34.83	■
Rail	NS/NOVA H Line			Construction of second main track from East Durham Yard (MP 26.5) to Milton (MP 49.5) in Durham.	Durham	34.22	0	0	34.22	■
Transit	GoTriangle OGR Route bus service expansion P23			Purchase one additional vehicle in P23 to support highway reduction on the OGR route.	Hillsborough, Durham	20.58	80	0	34.08	■
Rail	NS/NOVA H Line			Construction of grade separation at Dawson Hill Road (Crossing# 733 2340) and closure of Selma Street existing at-grade crossing (Crossing# 733 2327) and West Hill Avenue existing at-grade crossing (Crossing# 733 2326). Project includes a pedestrian tunnel at Hill Avenue.	Hillsborough	33.08	0	0	33.08	■
Highway	NC 751	SR 2740 (Lester Shop Road)	O'Kelly Chapel Road	Widen road to 4 lanes with bicycle lanes on existing location.	Granham County	32.77	0	0	32.77	■
Highway	NC 34	Neville Road		Improve intersection	Orange County	32.80	0	0	32.80	■
Rail	NOVA/NS H line			Construction of curve radius improvements from MP H 44.3 to MP H 48 near Hillsborough.	Orange County	31.97	0	0	31.97	■
Highway	NC 34	SR 1116 (Plymouthville Road)	SR 1108 (Berbee Road)	Widen to Multi-Lanes with Bypass, Pedestrian, and Transit-Accommodations	Durham	31.85	0	0	31.85	■
Transit	Mebane to Selma Commuter Rail Service			Construct infrastructure and service for commuter rail service from Mebane to Selma. Project includes 22 locomotives and 34 coaches.	Alamance, Durham, Wake, Johnston	31.48	0	0	31.48	■
Highway	NC 34	SR 1108 (Berbee Road)	NC 35	Widen to Multi-Lanes with Bypass, Pedestrian, and Transit-Accommodations	Durham	31.05	0	0	31.05	■

Mode	Route/Project	From	To	Description	Jurisdiction	2011	DCHC	2011	Fund.	Percent
						Source	Points	Points	Source	
Truck	907 Triangle DIX Route bus service expansion PY 22			Purchase 8 additional vehicles in FY 18 to support busway reduction on DIX routes.	Durham, Wake	28.83	0	0	28.83	■
Highway	I-840	I-840	US 1	Construct managed shoulders in both directions along I-840. Managed lanes are expected to be in operation for approx 3 hours during morning and evening peak periods (6 hours total).	Wake, Durham	28.80	0	0	28.80	■
Highway	NC 751 (Hope Valley Road)	South Roxboro Road	Woodcroft Parkway	Widen to four lanes with bike lanes and sidewalks. Improve the NC 751 @ South Roxboro Road Intersection.	Durham	26.82	0	0	26.82	■
Highway	NC 751 (Hope Valley Road)	NC 54	Southpointe Auto Park Blvd	Widen to four lanes with a median with bike lanes, pedestrian and transit facilities as appropriate.	Durham	26.68	0	0	26.68	■
Highway	US 70 Business	US 15-901 Business (Roxboro Street)	US 15/901 Business (Roxboro Street)	Convert the Downtown Loop from one-way to two-way traffic	Durham	19.61	0	0	19.61	■
Highway	US 15 Business (Roxboro Street)	Pedgrew Street	East Main Street	Improve the crossing at US 15/901 Business (Roxboro Street) in Downtown Durham. Make the bridge higher to reduce truck conflict, make the span wider to facilitate a future two-way of Roxboro Street, and make the bridge wider to be able to accommodate four tracks. Potentially create an intersection at Rosemary and Roxboro.	Durham	19.07	0	0	19.07	■
Rail	NCRR/NS H line			Construction of curve radii improvements from MP H 58 to MP H 46.4 near Millard.	Orange County	18.90	0	0	18.90	■
Highway	US 70	US 70 Connector		Reconstruct interchange to an at-grade intersection.	Orange County	18.43	0	0	18.43	■
Rail	NC/NCRR H Line			Construction of new railroad bridge, or other railroad approved method, over Exchange Park Lane (Crossing #795 139U) to accommodate pedestrian trails within the structure.	Hillsborough	18.68	0	0	18.68	■
Rail	NC/NCRR H Line			Construction of second main track from Control Point Junction (MP 49.5) to East Durham Yard (MP 56) in Durham.	Durham	8.21	0	0	8.21	■
Rail	I-40 Rail Bridge in Durham County			Construct triple track bridge over I-40 in Durham County.	Durham	4.91	0	0	4.91	■
TOTAL								1800		

DCHC MPO Final Division Needs Points Allocation for SPOT 5

Mode	Route/Project	From	To	Description	Jurisdiction	SPOT Score	DCHC Points Available	Division Points Available	Final Score	Priority C
Highway	NC 88 (Holloway Street)	SR 2896 (Junction Road)	SR 2918 (Jann Road)	Construct safety improvements and widen to add median, bicycle lanes, sidewalks, transit stop improvements, and traffic signals where needed.	Durham	43.18	100	100	83.18	Y
Transit	Fayetteville St Transit Corridor Improvements	N/A	N/A	Construct sidewalks, bus stop improvements (including shelters), and better access to stops along Fayetteville Street in Durham. This corridor includes 60 Durham routes 5, 5K, 7, 14 and 60 Durham routes 600, 605.	Durham	41.35	100	100	81.35	R
Highway	US 501 Business (Roxboro Road)	SR 1446 (Horizon Road)		Install turn lanes on US 501 Business (Roxboro Road) at Horizon Road.	Durham	40.61	100	100	80.61	R
Transit	Chatham Transit additional vehicles	N/A	N/A	Purchase three new ramp-equipped minibuses	Chatham County	33.62	9	90	81.02	Y
Highway	Division 3 Non-Municipal Divisionwide Signal System			Add cameras and fiber to signals in Division 3 which are outside of municipal systems and upgrade software and add equipment to enable monitoring of signals by Division staff. Division wide project. Will provide the list of signals.	Division 3	40.00	14	100	77.75	R
Highway	US 15, US 501	SR 2818 (Death Level Rd)	US 04 (Roxboro Bypass)	Convert remaining non-synchronized sections of US 29-501 to synchronized between the	Chatham County	26.88	47	100	76.88	Y
Transit	Orange Public Transit additional vehicles	N/A	N/A	Purchase two light transit vehicles	Orange County	24.81	48	100	74.68	R
BikePed	NC 54	Jones Street	Anderson Park	Construct sidewalk on the north side of the road to accommodate two-direction bicycle transportation.	Carboro	40.44	100	0	85.44	Y
BikePed	American Tobacco Trail	US 70 Business (Pewees Street)	American Tobacco Trail	Construct tunnel underneath I-85. Extend path to connect American Tobacco Trail to Downtown Durham and Future Duke Belt Line Trail.	Durham	40.24	100	0	85.24	R
BikePed	Sandy Creek Trail	Volant Rd	W Burlier Trail at Cornetts Rd	Construct a shared use trail.	Durham	40.08	100	0	85.08	R
BikePed	NC 54	W Trail	American Tobacco Trail	Construct a shared use path along one side of the roadway and pedestrian intersection improvements and sidewalk connections to bus stops on both sides of the road.	Durham	38.81	100	0	84.81	R
BikePed	NC 55 (Span Highway)	American Tobacco Trail Spur	Cornetts Road	Construct shared use path on one side of roadway and make intersection improvements.	Durham	38.82	100	0	84.82	R

Mode	Route/Project	From	To	Description	Justification	SOI Score	DCHC Points Assigned	Division Points Assigned	Final Score	Priority C
BikePed	US 15/301 (Purdum Blvd)	Willow Drive	Old Durham Chapel Hill Road	Construct multi-use side path paralleling US 15/301 (Purdum Blvd) on both sides from Willow Drive to Ephesus Church Road and just the east side from Ephesus Church Road to Old Durham Chapel Hill Road. Construct enclosed pedestrian and bicyclist crossing accommodations at intersections and crossing locations.	Chapel Hill	35.78	100	0	35.78	M
Highway	SR 2921 (Hawthorne Road)	SR 1445 (Horton Road)		Construct roundabout	Durham	35.45	100	0	35.45	M
Highway	New Route - Northern Durham Parkway	I-85	SR 3004 (Old Oxford Road)	Construct multi-lane roadway on new location.	Durham	33.85	100	0	33.85	M
Highway	NC 56	SR 2987/ SR 1307 Old Fayetteville Road		Improve intersection	Carboro	31.70	100	0	31.70	M
BikePed	NC 85 (Merch Lister King, Jr. Parkway)	SR 1779 (Bliss Drive)	SR 1777 (Homestead Road)	Construct bicycle lanes and upgrade sidewalks along NC 85.	Chapel Hill	31.48	100	0	31.48	M
Highway	NC 167 (Durham Freeway)	Bliss Street/Front Drive		Improve ramp by tying them into a roundabout with Bliss Street and Front Drive.	Durham	31.17	100	0	31.17	M
Transit	Village Neighborhood Transit Center	N/A	N/A	Design and Construction of TTC: Village Neighborhood Transit Center. Serves 60Durham routes 2A, 3, 3B, 3C	Durham	35.10	81	0	35.35	M
BikePed	SR 2849 (Dewey School Road)	SR 1789 (Bliss Drive Extension)	SR 1777 (Homestead Road)	Construct a sidewalk along the entire corridor from Bliss Drive to Homestead Road.	Chapel Hill, Carboro	28.18	100	0	28.18	M
Highway	NC 85	US 70 Bypass	North of NC 57	Widen to four lanes with a median and improve intersections at US 70 Bypass and NC 57.	Hillsborough	27.42	100	0	27.42	M
Highway	US 301 Business (Roxboro Road)	NC 35 (Wondale Drive)	SR 3004 (Old Oxford Road)	Construct median along section with potential turn lanes at Lavender Avenue, Elm Air Avenue, and Mercy Avenue. Fill in sidewalk gaps and provide streetcane treatments.	Durham	42.71	0	0	42.71	M
Highway	I-40	NC 147	Wade Avenue	Construct Managed Lanes.	Durham	42.58	0	0	42.58	M
Highway	US 301 (Roxboro Road)	US 301 Bypass (Duke Street)	Orange Road	Construct median, secure reorganizations facilities, safety improvements, bicycle and pedestrian facilities, and transit stop accommodations.	Durham	40.81	0	0	40.81	M
Highway	I-40	NC 34 (SR 279)	NC 751 (SR 274)	Construct auxiliary lanes between ramps.	Durham	39.48	0	0	39.48	M
Highway	US 70	SR 2809 (Douthett Blvd) / SR 1811 (Shannon Road)	Page Road Extension / Near Lawrence Road	Upgrade Roadway to Freeway.	Durham	39.37	0	0	39.37	M
BikePed	SR 3159 (University Drive) and Old Chapel Hill Road	SR 1318 (Sweets Road)	Merch Lister King Jr. Parkway	Construct shared use path along one side of the roadway.	Durham	39.08	0	0	39.08	M
BikePed	Horton Road	US 301 Business (Roxboro Road)	NC 157 (Russell Road)	Construct a sidewalk on one side of the road, sidewalk on the other side.	Durham	38.95	0	0	38.95	M

Mode	Route/Project	From	To	Description	Jurisdiction	SPOT Score	DCHC Points Assigned	Division Points Assigned	Final Score	Funding?
BikePed	US 15/501 Business (University Drive)	Woodedge Drive	US 25/501 Business Lakeside Avenue	Construct sidewalks along entire length and bicycle lanes where needed.	Durham	38.80	0	0	38.80	W
BikePed	SR 2049 (Club Boulevard)	SR 2292 (Broad Street)	Washington Street/Millican Creek Trail	Construct bicycle lanes on both sides of the street and improve intersections for bicycle and pedestrian crossings.	Durham	38.75	0	0	38.75	W
BikePed	Cook Rd	American Tobacco Trail	North Linnier King Jr Parkway	Construct buffered bike lanes and sidewalks on both sides of the road.	Durham	38.75	0	0	38.75	W
BikePed	US 501 (Henderson Road)	SR 1498 (Wilson Road)	Parkfield Road	Construct sidewalks on both sides of the road.	Durham	38.42	0	0	38.42	W
BikePed	SR 2059 (Miami Boulevard)	SR 2204 (Wile Road)	Comballs Road	Construct a multi-use pathway along east side of Miami Boulevard.	Durham	38.23	0	0	38.23	W
BikePed	Warren Creek Trail Phase II	Warren Creek Trail/Norton Road	US 501	Construct a shared use trail through and outside the boundary of West Point on the Iino Park.	Durham	38.01	0	0	38.01	W
BikePed	NC 54 (Open Highway)	NC 54	Carpenter Fletcher Road	Construct pedestrian facilities on both sides of the road.	Durham	37.97	0	0	37.97	W
BikePed	US 15/501 Business (Durham-Chapel Hill Boulevard)	Madison Avenue	US 25/501 Business (University Drive)	Construct sidewalks, improve bicycle lanes, and transit intersection improvements.	Durham	37.88	0	0	37.88	W
Highway	US 15, US 501	I-40	US 25/501 Business	I-40 to US 15/501 Bypass in Durham. Major Corridor Upgrade to Expressway	Durham	38.88	0	0	38.88	W
Highway	NC 54	SR 2008 (Orange Grove Rd)	SR 2987 / SR 2107 (Old Fayetteville Rd)	Widen to a four-lane boulevard	Orange County	38.58	0	0	38.58	W
BikePed	NC 88 (Holloway Street)	US-70 Bypass	Hesperid Farm Way	Construct sidewalks on both sides of the road and include intersection improvements.	Durham	35.97	0	0	35.97	W
Highway	NC 54	NC 751	SR 1118 (Fayetteville Road)	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit Accommodations	Durham	35.72	0	0	35.72	W
BikePed	Brar Creek Loop Trail & Connector	Brar-Creek Parkway/Lanley Rd	Little Brar Creek	Construct 1.7' multi-use path along Little Brar Creek to connect to the Brar-Creek Loop Trail	Wake, Durham	35.03	0	0	35.03	W
Rail	NS/NCBH H Line	N/A	N/A	Construction of grade separation at SR 2204 (W. Wile Road) and closure of existing at-grade crossing (Crossing # 733 2947) in Durham.	Durham	34.80	0	0	34.80	W
BikePed	NC 751 (Academy Road), Comballs Road	Duke University Rd	Chapel Hill Rd	Construct on road bicycle lanes and sidewalks for the entire length of the route.	Durham	34.80	0	0	34.80	W
Highway	NC 54	SR 1308 (Barbee Road)	NC 95	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit Accommodations	Durham	34.85	0	0	34.85	W
Highway	US 15, US 501	NC 751	Fickett Road Overpass	Widen section of US-501 bypass between Tower and NC 751 to 6 lanes	Durham	34.22	0	0	34.22	W
Highway	US 15, US 501	NC 147 (Durham Freeway)	US 70 Business (Sallaborough Road)	Signalize collector-distributor ramp intersections to improve safety.	Durham	34.08	0	0	34.08	W
Highway	SR 1118 (Warren Road)	NC 751 (Hope Valley Road)	SR 2220 (Old Chapel Hill Road)	Upgrade roadway corridor to increase capacity and construct bicycle and pedestrian facilities and transit-stop improvements.	Durham	33.37	0	0	33.37	W

Mode	Name/Project	From	To	Description	Jurisdiction	SPUT Score	DCHC Points Assigned	Minimum Points Assigned	Final Score	Funded?
Rail	NC/NOVA H Line	94/4	94/4	Construction of at-grade crossing improvements at Meadows Street (Crossing # 793 2294), US 15 (Havana Street) (Crossing# 793 2314), and SR 1118 (Haystackville Street) (Crossing #943 6552) per Durham T29 in Durham.	Durham	32.88	0	0	32.88	N
TrendR	Connector Rail from Durham to Garner	94/4	94/4	Construct connector rail service and infrastructure. Project includes 4 locomotives and 8 coaches.	Durham, Wake	32.68	0	0	32.68	N
TrendR	GoTriangle Rousemont Park & Ride and service	94/4	94/4	Construct park-and-ride and additional vehicle to provide new service between Rousemont and central Durham.	Durham	32.68	0	0	32.68	N
BIkePed	Old Durham-Chapel Hill Road	SR 1118 (Pope Road)	Mount Moriah Road	Construct a bicycle and pedestrian bridge along Old Durham-Chapel Hill Road across I-40. Facility may not be required to be the full length of the road segment.	Durham	31.84	0	0	31.84	N
Highway	US 70	Page Road Extension / Near Leesville Road in Durham County	Alexander Drive in Wake County	Upgrade Roadway to Freeway	Durham, Wake	31.85	0	0	31.85	N
Highway	SR 1171 (Rubble Road)	SR 2309 (Pouch Station Avenue)		Construct soundboast	Durham	31.25	0	0	31.25	N
BIkePed	US 15-304 (Footham Boulevard)	Lagton Road (Future)	Service Road	Construct a bicycle/pedestrian bridge over US 15-304 (Footham Boulevard) in Chapel Hill from where the future Lagton Road extension will be on the east side of Footham Boulevard to the service road on the west side.	Chapel Hill	31.15	0	0	31.15	N
Highway	I-540	I-40	US 1	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 9 hours during morning and evening peak periods (6 hours total).	Wake, Durham	30.75	0	0	30.75	N
TrendR	Durham to Raleigh Connector Rail Service	94/4	94/4	Construct infrastructure and service for connector rail service from Durham to Raleigh. Project includes 4 locomotives and 8 coaches.	Wake, Durham	30.74	0	0	30.74	N
BIkePed	NC 54, Nelson Avenue	Conwell's Road	RTP Trail	Construct bicycle lane and sidewalks.	Durham	30.63	0	0	30.63	N
BIkePed	Campus to Campus Connector/Savard Branch Extension	Wood Street	Hillage Drive and Tanager Branch Greenway	Construct an off-road multi-use path providing bicycle and pedestrian safety.	Chapel Hill	30.44	0	0	30.44	N
BIkePed	Herdee St/SR 1800 (Chest Road)	NC 98 @toNoway St	SR 1800 (Chest Rd/Olivewood Park)	Construct sidewalks and bike lane on Herdee Street, construct sidewalks on Chest Road.	Durham	30.21	0	0	30.21	N
BIkePed	SR 2020 (West Franklin Street)	SR 2015 (East Main Street)	Hermit Hill Street/Brewer Lane	Construct pedestrian improvements, such as crosswalks, improved signage, and pedestrian signals, at the West Franklin/East Main/Hermit Hill/Brewer intersection on the border of Chapel Hill and Carrboro.	Chapel Hill, Carrboro	29.47	0	0	29.47	N

Mode	Name of Project	From	To	Description	Jurisdiction	SPOT Score	DCHC Points Assigned	Minimum Points Assigned	Final Score	Funded?
Rail	NC/NCRR H Line	NC/A	NC/A	Construction of grade separation at SR 2317 (Steel Road) and closure of existing at-grade crossing (Crossing # 799 2022) in Durham.	Durham	28.28	0	0	28.28	Y
Highway	NC 751	SR 1293 (Lester Chop Road)	O'Kelly Chapel Road	Widen road to 4 Lanes with bicycle lanes on existing location.	Chatham County	28.17	0	0	28.17	Y
BikePed	Priley Golf Course Road	US 29-503/NC 94	NC 94	Construct sidewalk on one side of bicycle lanes.	Chapel Hill	28.82	0	0	28.82	Y
Highway	NC 54	SR 1315 (Popekettle Road)	SR 1306 (Barbee Road)	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit Accommodations	Durham	28.61	0	0	28.61	Y
Highway	NC 751 (Nops Valley Road)	South Barboro Road	Woodcroft Parkway	Widen to four lanes with bike lanes and sidewalks. Improve the NC 751 @ South Barboro road intersection.	Durham	27.47	0	0	27.47	Y
Transit	Durham to Wake Forest Commuter Rail	NC/A	NC/A	Construct infrastructure and service for commuter rail service from Durham to Wake Forest. Project includes 8 locomotives and 12 coaches.	Wake, Durham	27.41	0	0	27.41	Y
Transit	Durham to Raleigh to Berry/Wake Forest commuter rail	NC/A	NC/A	Construct infrastructure and service for R-2,3-2 service to Raleigh and 4-1,4-4 service to Wake Forest and Garner. Project includes 6 locomotives and 12 coaches.	Wake, Durham	27.04	0	0	27.04	Y
Highway	NC 54	I-40	NC 751	Widen to Multi-Lane with Bicycle, Pedestrian, and Transit Accommodations	Durham	26.78	0	0	26.78	Y
BikePed	American Tobacco Trail	American Tobacco Trail	American Tobacco Trail	Construct a tunnel or bridge across O'Kelly Chapel Road.	Chatham County	26.86	0	0	26.86	Y
Transit	Regional Transit Center	NC/A	NC/A	An improved location to increase the efficiency of the overall regional system. The project includes 18 bus bays and 250 parking spaces in a structured facility.	Durham	26.68	0	0	26.68	Y
Highway	NC 54	Marble Road		Improve Intersection	Orange County	26.22	0	0	26.22	Y
Highway	I-540	I-40	I-87	Construct managed shoulders in both directions along I-540. Managed lanes are expected to be in operation for approx 9 hours during morning and evening peak periods 48 hours total.	Wake, Durham	26.14	0	0	26.14	Y
BikePed	SR 3089 (Club Boulevard)	Pennington St	SR 1500 (Dearborn Dr)	Construct on road bicycle lanes and sidewalks for the entire length of the route.	Durham	24.81	0	0	24.81	Y
Highway	New Route - Northern Durham Parkway	US 70	SR 1811 (Channon Road)	Construct roadway on new location.	Durham	24.86	0	0	24.86	Y
BikePed	SR 3043 (Dovehill School Road)	SR 1293 (Lester Drive Extension)	SR 1777 (Hornstead Road)	Improve bicycle and pedestrian facilities along the entire corridor from Lester Drive to Hornstead Road. Construct bike lanes and sidewalks to fill-in gaps.	Chapel Hill, Carrboro	24.68	0	0	24.68	Y

Mode	Route / Project	From	To	Description	Jurisdiction	SPUT Score	DCHC Points Assigned	Division Points Assigned	Final Score	Funded?
Traffic	Commuter Rail Transit, West Durham to Garner	NA	NA	Construct commuter-rail transit service adjacent to and/or within the existing NCRR corridor extending from West Durham to Greenfield station in Garner via RTP, Cary, and Raleigh. Provide 4 trains each direction during the morning rush hour, 4 in the evening rush hour, and 1 train each direction in the off-peak AM and PM (a total of 10 trains each direction). The peak services will operate at one-hour intervals.	Wake, Durham	24.45	0	0	24.45	Y
Highway	SR 3075 (Hagan Road)	NC 24	Distribution Drive	Widen to a four lane divided roadway with bicycle and pedestrian facilities.	Durham	24.40	0	0	24.40	Y
Highway	SR 3005 (Farrington Point Road), SR 1790 (Old Farrington Point Road), SR 1308 (Farrington Mill Road)	SR 1219 (Farrington Road)	SR 1717 (Lynn Road)	Modernize roadway to current standards.	Chatham County	23.99	0	0	23.99	Y
Highway	NC 24 (Raleigh Road)	US 29-001		Improve interchange	Chapel Hill	23.51	0	0	23.51	Y
Bike/Ped	SR 3005 (Mt. Carmel Church Road)	US 29-004	SR 2919 (Bassett Road)	Construct a multi-use path on one side of Mt. Carmel Church Road.	Chapel Hill	23.03	0	0	23.03	Y
Highway	US 70 Business (Morgan Street, Ransaur Street, NC 98 (Morgan Street)	US 29-001 Business (Roxboro Street)	US 29-001 Business (Roxboro Street)	Convert the Downtown Loop from one-way to two-way traffic	Durham	22.92	0	0	22.92	Y
Rail	NC/NCRR H Line	NA	NA	Construction of grade separation at Oakesboro Mill Road (Crossing # 739 1340) and closure of Bellvue Street existing at-grade crossing (Crossing # 739 2320) and West Hill Avenue existing at-grade crossing (Crossing # 739 2319). Project includes a pedestrian tunnel at Hill Avenue.	Hillsborough	22.88	0	0	22.88	Y
Traffic	GoTriangle DFX Route bus service expansion FY 19	NA	NA	Purchase 3 additional vehicles in FY 19 to support headway reduction on DFX route.	Durham, Raleigh	22.58	0	0	22.58	Y
Highway	SR 3025 (Old Greensboro Road)	SR 2962 (Jones Ferry Rd)	NC 27 in Alamance County	Modernize and add 4-foot paved shoulders	Orange County, Alamance County	22.38	0	0	22.38	Y
Highway	NC 751 (Hops Valley Road)	NC 24	Southpoint Auto Park Blvd	Widen to four lanes with a median with bicycle, pedestrian and transit facilities as appropriate.	Durham	22.30	0	0	22.30	Y
Rail	NCRR/NS H line	NA	NA	Construction of curve radius improvements from MP H 44.3 to MP H 48 near Hillsborough.	Orange County	21.97	0	0	21.97	Y

Mode	Name of Project	From	To	Description	Jurisdiction	SCOT Score	DCHC Points Assigned	Division Points Assigned	Final Score	Ranked
Highway	US 15 Bypass (Roanoke Street)	Pedigree Street	East Main Street	Improve the crossing at US 25/504 Bypass (Roanoke Street) in Downtown Durham. Make the bridge higher to reduce truck conflict, make the open wider to facilitate a future two-way of Roanoke Street, and make the bridge wider to be able to accommodate four lanes. Potentially create an intersection at Ramour and Roanoke.	Durham	21.88	0	0	21.88	11
Rail	NC&WVA H Line	N/A	N/A	Construction of second main track from East Durham Yard (MP 35.5) to Wilson (MP 68.5) in Durham.	Durham	21.70	0	0	21.70	12
Highway	SR 2763 (O'Kelly-Chapel Road)	NC 753	Tatum Store Road	Widen existing road to four lanes and include bicycle accommodations.	Chatham County	20.88	0	0	20.88	13
Highway	SR 3009 (Old NC 84)	SR 1277 (Homestead Road)	SR 1307 (Old Fayetteville Road)	Upgrade roadway corridor and intersection with Homestead Road to improve the safety of users. Construct two-lane improvements on Old NC 84 with left turn lanes at appropriate locations, such as John's Woods Road, and on-road bicycle facilities and sidewalks. Improve intersection at Calverly (Old NC 84/Homestead/Dairland) for all modes. Intersection improvement could include a roundabout. Design of roadway and facilities may vary along the corridor.	Orange County, Camboro	19.88	0	0	19.88	14
Trend	Wetmore to Selma Commuter Rail Service	N/A	N/A	Construct infrastructure and service for commuter rail service from Wetmore to Selma. Project includes 11 locomotives and 24 coaches.	Alamance, Orange, Durham, Wake, Johnston	19.28	0	0	19.28	15
Bike/Fed	Old NC 80 - Hillsborough Road	SR 1277 (Homestead Road)	Farm House Road	Construct bicycle lanes on both sides of roadway	Orange County, Camboro	19.22	0	0	19.22	16
Rail	NC&WVA H Line	N/A	N/A	Construction of curve radius improvements from MP H 36 to MP H 40.4 near Blend.	Orange County	17.18	0	0	17.18	17
Trend	GoTriangle CDR Route bus service expansion FY25	N/A	N/A	Purchase one additional vehicle in FY25 to support headway reduction on the CDR routes.	Orange County, Durham	16.93	0	0	16.93	18
Highway	Blott Road	US 25-504 (Fortham Boulevard)	Sphaera Church Road	Construct extension of existing roadway (Blott Rd) on new location between Sphaera Church Rd and US 15/504.	Chapel Hill	15.44	0	0	15.44	19
Highway	SR 3148 (Iino Mountain Road), SR 1193 (Mayo Street)	SR 3009 (Orange Grove Road)		Construct new section of SR 1382 (Mayo Street) to align with SR 3148 (Iino Mountain Road) and install signal.	Hillsborough	14.38	0	0	14.38	20
Highway	US 70	US 70-Connector		Reconstruct interchange to an at-grade intersection.	Orange County	13.03	0	0	13.03	21
Rail	NC&WVA H Line	N/A	N/A	Construction of new railroad bridge, or other railroad approved method, over Exchange Park Lane (Crossing over 158A) to accommodate pedestrian traffic within the structure.	Hillsborough	12.48	0	0	12.48	22

Mode	Route/Project	From	To	Description	Jurisdiction	SPOT Score	DCHC Points Assigned	Division Points Assigned	Fund Score	Priority	
Rail	NC/NOR. H Line	N/A	N/A	Construction of second main track from Cowles Point Station (MP 49.2) to West Durham Yard (MP 54) in Durham.	Durham	10.73	0	0	10.73	M	
Rail	I-85 Rail Bridge in Durham County	N/A	N/A	Construct triple track bridge over I-85 in Durham County.	Durham	7.36	0	0	7.36	M	
							1800				

**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. 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:

Spring 2017	DCHC MPO staff work with local jurisdiction staff to develop potential new projects for Prioritization 5.0; DCHC MPO staff review projects to ensure they meet minimum requirements and are in the MTP
June 2017	DCHC MPO staff and Technical Committee reviews Carryover projects and makes recommendations to the Board to either have those projects scored in Prioritization 5.0 as is, propose changes to projects to then be scored in Prioritization 5.0, or remove projects from consideration; DCHC MPO Board reviews and provides input on potential new projects
July 2017	DCHC MPO staff performs analysis on proposed new projects; a Technical Committee sub-committee narrows the number of projects to a final recommended list for submittal
August 2017	DCHC MPO Board votes on any proposed changes and deletions of existing projects for Prioritization 5.0; DCHC MPO Board reviews proposed list of new projects for Prioritization 5.0; new project list is released for public comment
September 2017	Project submission deadline for Prioritization 5.0.

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

November 2017	DCHC MPO staff updates <i>Methodology for Identifying and Ranking TIP Project Requests</i> document
December 2017	DCHC MPO TC reviews the <i>Methodology for Identifying and Ranking TIP Project Requests</i> and forwards Methodology to the DCHC MPO Board for public release
January 2018	DCHC MPO Board releases the <i>Methodology for Identifying and Ranking TIP Project Requests</i> for public review and comment period; DCHC MPO TC makes final review and recommendation to DCHC MPO Board
February 2018	DCHC MPO holds public hearing on <i>Methodology</i> , forwards for NCDOT Review Committee review
March 2018	DCHC MPO Board approves the <i>Methodology for Identifying and Ranking TIP Project Requests</i>

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

March 2018	DCHC MPO receives results of the NCDOT SPOT scoring process for Statewide, Regional, and Division projects
April 2018	DCHC MPO ranks Regional projects for the assignment of Local Input Points; DCHC MPO Board releases initial assignment of Local Input Points for Regional projects for public comment
May 2018	DCHC MPO Board holds public hearing on initial assignment of Local Input Points for Regional projects
June 2018	DCHC MPO Board approves assignment of Local Input Points to Regional projects
June 2018	DCHC MPO submits Regional projects, with Local Input Points assigned, to NCDOT
July 2018	DCHC MPO ranks Division projects for the assignment of Local Input Points
August 2018	DCHC MPO Board releases initial assignment of Division projects and the assignment of Local Input Points for public comment
September 2018	DCHC MPO Board holds public hearing on initial assignment of Local Input Points for Division projects
October 2018	DCHC MPO Board approves assignment of Local Input Points to Division projects
October 2018	DCHC MPO submits Division projects, with Local Input Points assigned, to NCDOT
January 2019	NCDOT releases Draft STIP

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 MTP¹. 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. If a project exists in more than one jurisdiction, all jurisdictions must be in agreement on the proposed scope and details of the project.

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?

¹ The 2040 MTP was in effect at the time of submission to Prioritization 5.0 and the drafting of this *Methodology*; the 2045 MTP is scheduled to be adopted in February 2018.

- 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 staff, the TC and its subcommittee will review local priority lists for adherence to the initial screening criteria and apply the NCDOT scoring criteria listed in Section 2 of this Methodology, before recommending the submission of these projects to Prioritization 5.0.

2) Submission of Projects to the STI Process

For the 2020-2029 TIP, the DCHC MPO will submit projects to NCDOT’s SPOT office by September 2017 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. 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 work with a TC subcommittee to select projects based the NCDOT scoring criteria for each mode. For Prioritization 5.0 there were no ferry or aviation projects submitted within the DCHC MPO area. 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 are eligible to be scored and funded in any of the three funding categories (Statewide, Regional, or Division), depending on the characteristics of the project. The P5.0 Workgroup 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 projects that MPOs may submit. In the event that more new project requests are received than the MPO can submit, the DCHC MPO will follow the criteria developed by the SPOT 5.0 Workgroup that were submitted to the NCDOT Board of Transportation in June 2017. This will provide a set of preliminary scores that can be used to rank projects.

For Prioritization 5.0, Divisions 5, 7, and 8 each adopted a set of alternate criteria for highway projects (alternate criteria was not an option for non-highway projects). Those alternate criteria are shown below.

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. 60% Existing Volume/Capacity Ratio 40 Existing Volume <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 = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and density of crashes along the roadway and calculate future safety benefits. <p>Freight = 25%</p> <ul style="list-style-type: none"> Measurement of existing truck volume and whether or not the roadway is part of a future interstate highway. <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. 80% Existing Volume/Capacity Ratio 20% Existing Volume <p>Safety = 10%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and density of crashes along the roadway and calculate future safety benefits. <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 = 10%</p> <ul style="list-style-type: none"> Measurement of existing truck volume and whether or not the roadway is part of a future interstate highway. <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 – Division 5	<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 = 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. 100% of this indicator at the Division <p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%
Division Needs – Divisions 7 & 8	<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. 100% of this indicator at the Division <p>Safety = 15%</p> <ul style="list-style-type: none"> Measurement of the number, severity, and frequency of crashes along the roadway. <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 within 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 Division categories.

Four transit operators within DCHC submitted projects through DCHC MPO for Prioritization 5.0. Though DCHC MPO was allotted 23 submittal projects for Prioritization 5.0, only 20 were projects were submitted by the local transit agencies for scoring (GoTriangle 10, Chapel Hill Transit 5, GoDurham 4, and Orange Public Transit 1).

NCDOT and DCHC MPO Scoring Criteria for Public Transportation Projects

Public Transit Scoring (Demand Response)

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 the total projected passenger trips compared to the cost of the project to the state and lifespan of the project. <p>Demand/Density = 20%</p> <ul style="list-style-type: none"> Measurement of the number of service hours devoted to the project compared to the service population. <p>Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of the vehicle utilization ratio. <p>Impact = 10%</p> <ul style="list-style-type: none"> Measurement of the number trips affected by the project. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Division Needs	<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 and lifespan of the project. <p>Demand/Density = 15%</p> <ul style="list-style-type: none"> Measurement of the number of service hours devoted to the project compared to the service population. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> Measurement of the vehicle utilization ratio. <p>Impact = 10%</p> <ul style="list-style-type: none"> Measurement of the number trips affected by the project. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transit Scoring (Facilities)

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 the total projected passenger trips compared to the cost of the project to the state and lifespan of the project. <p>Impact = 20%</p> <ul style="list-style-type: none"> Measurement of the number trips affected by the project. <p>Efficiency = 15%</p> <ul style="list-style-type: none"> Measurement of efficiency of the project. <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Measurement of the ridership growth trend for the previous five years. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p>	15%	15%
Division Needs	<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 and lifespan of the project. <p>Impact = 15%</p> <ul style="list-style-type: none"> Measurement of the number trips affected by the project. <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> Measurement of the ridership growth trend for the previous five years. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> Measurement of efficiency of the project. <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	25%	25%

Public Transit Scoring (Mobility)

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 the total projected passenger trips compared to the cost of the project to the state and lifespan of the project. <p>Demand/Density = 20%</p> <ul style="list-style-type: none"> • Measurement of the number of total trips as a percentage of the service population. <p>Impact = 15%</p> <ul style="list-style-type: none"> • Number of trips affected by the project. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> • Total number of trips as a ratio of the total revenue seat hours. <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 the total projected passenger trips compared to the cost of the project to the state and lifespan of the project. <p>Demand/Density = 10%</p> <ul style="list-style-type: none"> • Measurement of the number of total trips as a percentage of the service population. <p>Impact = 10%</p> <ul style="list-style-type: none"> • Number of trips affected by the project. <p>Efficiency = 10%</p> <ul style="list-style-type: none"> • Total number of trips as a ratio of the total revenue seat hours. <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 within the Division Needs funding category; therefore NCDOT utilizes only one scoring process for bicycle and pedestrian projects. DCHC MPO will utilize the scoring processes developed by the P5.0 Workgroup to preliminarily rank projects to be submitted to NCDOT SPOT for evaluation.

The NCDOT SPOT process limits the number of projects that MPOs may submit. In the event that more new project requests are received than the MPO can submit, the DCHC MPO will follow the criteria developed by the SPOT 5.0 Workgroup that were submitted to the NCDOT Board of Transportation in June 2017. This will provide a set of preliminary scores that can be used to rank projects.

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. <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. <p>Connectivity = 10%</p> <ul style="list-style-type: none"> Measurement of the degree of bike/ped separation from the roadway, whether or not the project is part of or a connection to a national, state, or regional bike route, 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 within any of the three funding categories (Statewide, Regional, or Division). The MPO will coordinate closely with the NCDOT Rail Division on the identification, prioritization, and submission of rail projects. DCHC MPO will follow the criteria developed by the SPOT 5.0 Workgroup that were submitted to the NCDOT Board of Transportation in June 2017.

NCDOT and DCHC MPO Scoring Criteria for Rail Projects

Funding Category	Quantitative Data	Local Input	
		Division Input	MPO/RPO Input
<p>Statewide Mobility (Class I Freight Only)</p>	<p>Benefit-Cost = 35%</p> <ul style="list-style-type: none"> • Measurement of monetized benefits compared to the project cost to NCDOT. <p>Safety = 30%</p> <ul style="list-style-type: none"> • Measurement of potentially hazardous rail crossings and other safety benefits. <p>System Opportunities = 15%</p> <ul style="list-style-type: none"> • Measurement of accessibility and connectivity provided by the project, and connections to multimodal opportunities. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> • Volume/Capacity = 75% • Highway Diversion = 25% <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> • Measurement of economic benefits of the project. <p>Total = 100%</p>	--	--
<p>Regional Impact</p>	<p>Benefit-Cost = 25%</p> <ul style="list-style-type: none"> • Measurement of monetized benefits compared to the project cost to NCDOT. <p>Safety = 15%</p> <ul style="list-style-type: none"> • Measurement of potentially hazardous rail crossings and other safety benefits. <p>System Opportunities = 10%</p> <ul style="list-style-type: none"> • Measurement of accessibility and connectivity provided by the project, and connections to multimodal opportunities. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> • Volume/Capacity = 75% • Highway Diversion = 25% <p>Economic Competitiveness = 10%</p> <ul style="list-style-type: none"> • Measurement of economic benefits of the project. <p>Total = 70% (Division Engineer and Local Input Points account for remaining 30%)</p> <p>Total = 100%</p>	15%	15%

NCDOT and DCHC MPO Scoring Criteria for Rail Projects - continued

Funding Category	Quantitative Data	Local Input	
<p>Division Needs</p>	<p>System Opportunities = 15%</p> <ul style="list-style-type: none"> • Measurement of accessibility and connectivity provided by the project, and connections to multimodal opportunities. <p>Benefit-Cost = 10%</p> <ul style="list-style-type: none"> • Measurement of monetized benefits compared to the project cost to NCDOT. <p>Safety = 10%</p> <ul style="list-style-type: none"> • Measurement of potentially hazardous rail crossings and other safety benefits. <p>Capacity and Diversion = 10%</p> <ul style="list-style-type: none"> • Volume/Capacity = 75% • Highway Diversion = 25% <p>Economic Competitiveness = 5%</p> <p>Measurement of economic benefits of the project</p> <p>Total = 50% (Division Engineer and Local Input Points account for remaining 50%)</p>	<p>25%</p>	<p>25%</p>

RECOMMENDED ALLOCATION OF THE MPO'S LOCAL INPUT POINTS

Overview

As previously explained in this *Methodology*, DCHC MPO will utilize the NCDOT Prioritization 5.0 scoring criteria to preliminarily rank MPO projects for submission to NCDOT for quantitative evaluation. Upon submission to NCDOT, projects within the MPO will be evaluated according to NCDOT's quantitative ranking methodology.

DCHC MPO will receive the results of the NCDOT quantitative evaluation scoring process and the project data used by NCDOT to develop the scores. NCDOT's scaled quantitative scores will be reviewed by the DCHC MPO and staff of MPO member jurisdictions and agencies. The quantitative scores will inform DCHC 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 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 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 DCHC MPO as part of the process for allocation of Local Input Points. Projects that cascade down from the Statewide Mobility category are eligible for local input points and will be incorporated into the process described below. DCHC MPO will prioritize and allocate Local Input Points to eligible projects in the Regional Impact and Division Needs funding categories.

Description of Criteria and Weights

Per the guidance that was provided by the NCDOT SPOT Office, DCHC will utilize at least two qualitative criteria for the purpose of allocation of local points. The table below shows the criteria to be used to rank projects for assignment of local points. Projects will be ranked based on a six-point scale.

Criteria	Maximum Points (Highway)	Maximum Points (Non-Highway)
MTP Prioritization ²		
Project planned for near-term (by MTP 2025 Threshold)	2	
Project planned for mid-term (by MTP 2035 Threshold)	1	
Project planned for long-term (by MTP 2045 Threshold)	0	
Consistent with Adopted Regional or Local Plan		2
Preliminary Engineering or Engineering Study Completed or Underway		1
Allocation of local tax revenues through a DCHC-member jurisdiction voter supported referendum	1	1
DCHC-member jurisdiction demonstrates local funding towards progress in project	1	
Project complements non-highway transportation facility	1	1
Project supports Environmental Justice Community of Concern ³	1	1
TOTAL MAXIMUM	6	6

Total Score and Project Ranking Approach

All projects will be ranked based on their score using the rubric above. The rankings will be used to inform TC and Board members regarding allocation points using the method described in the next section.

Point Assignment Process

Projects deemed to be of top priority to the MPO will be assigned the requisite amount of points necessary in order to maximize the project's chances of receiving funding through the SPOT process. NCDOT assigns the number of local prioritization points for each MPO, RPO, and Division based on the area's population. DCHC MPO has been allocated 1,800 points for both the Regional Impacts (Regional) and Division Needs (Division) categories for Prioritization 5.0. 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 Impact Local Input Points, DCHC MPO will assign points to Regional projects 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. Statewide projects that cascade down to the Regional category will generally not be assigned Regional Local Input Points unless the project cost is less than \$5 million. The MPO Board and TC may deviate from this policy on a case-by-case basis.

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

For the MPO's 1,800 Division Needs Local Input Points, 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. Statewide and Regional projects that cascade down to the Division category will generally

² Use designations in 2045 MTP as it will be adopted by the time local allocation points are assigned.

³ For the purposes of this Methodology, an Environmental Justice Community of Concern is an Overlapping Community of Concern as identified in the 2014 DCHC MPO Environmental Justice Report.

not be assigned Division Local Input Points unless the project cost is less than \$5 million. The MPO Board and TC may deviate from this policy on a case-by-case basis.

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

Deviations from this methodology may be made for various reasons, including but not limited to:

- A project costs more than the funding available in that category
- A project will not be competitive within its Region or Division even with the application of Local Input Points
- Coordination with the Division Engineer or a neighboring MPO or RPO deems a project should not receive points, or will receive points from another MPO, RPO, or Division
- The DCHC MPO Board, based on a recommendation from the Technical Committee (TC), determines that a lower ranking project is of greater priority and therefore should be assigned points (or more points than assigned through application of the Methodology)
- The DCHC MPO Board determines that a higher ranking project is of lesser priority and therefore should be assigned fewer, or no, points than assigned through application of the Methodology
- The DCHC MPO Board determines that projects in another mode are of higher priority
- The DCHC MPO Board determines that points should be awarded to a particular project to support geographic equity
- Based on public input, the DCHC MPO Board decides to deviate from the project rankings

Should a project receive Local Input Points through a deviation, the Board will note the reason for the deviation and that reason shall be published after final adoption.

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 an MPO Board meeting. The initial list of projects proposed to receive Local Input Points will be based on the process described above. 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 final score and list of initial projects using the process described above;
- 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 and neighboring MPOs and RPOs 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 Prioritization 5.0.

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.dchcmo.org.

The DCHC MPO Public Involvement Policy sets a minimum 21-day public comment period for this process and requires a public hearing at an MPO Board meeting. This public comment period and public hearing will be advertised 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.

The DCHC MPO web site will include the following on its Local Methodology tab for the FY2020-2029 TIP web page:

- Link to the NCDOT STI Prioritization Resources web site
- Updated drafts of the Methodology as they are available
- Schedule for adoption of the Methodology and Local Points
- Schedule of milestones in the Methodology and Local Input Points adoption process
- Preliminary and final local input point assignment sheets

DCHC MPO will follow the schedule below for public comment and adoption of this Methodology:

December 2017 – Draft Methodology reviewed by the DCHC MPO TC (materials published online for public review); TC recommends that DCHC MPO Board release *Draft Methodology* for public comment

January 2018 – DCHC MPO Board reviews Draft Methodology and releases for 21-day public comment period; TC has second review and makes recommendation to the Board

February 2018 – Board holds public hearing, reviews public comments, and adopts Methodology (including any changes based on public comment); DCHC MPO staff submits the Methodology to NCDOT Review Committee; TC reviews comments from NCDOT Review Committee and recommends changes to Methodology, if necessary

March 2018 – Board adopts revised Methodology, if necessary

Material Sharing

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.dchcmo.org.

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FY2020-2029

Transportation Improvement Program

APPENDIX D: PUBLIC INVOLVEMENT

1. INTRODUCTION

Public involvement for the FY2020-2029 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 FY2020-2029 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 PIP 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 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 of the 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 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. The 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 Metropolitan Transportation Plan (MTP) 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 E 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 E 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. PUBLIC INPUT AND COMMENTS RECEIVED ON THE DRAFT MTIP

All public comments that were received by the DCHC MPO are presented in full on the following pages.

PUBLIC COMMENTS

FY2020-2029 DCHC MPO TRANSPORTATION IMPROVEMENT PROGRAM

Dear Aaron,

I am writing to comment on public transportation in the Triangle. Focusing primarily on Orange County. I live just outside Hillsborough in Orange County. We have live here for 12 years now. During this time I have taken public transportation, car pooled for about 1.5 years, and now back to taking public transportation. I have grown up taking public transportation in Pittsburgh, PA from a small child to past graduate school. We lived in the San Francisco Bay Area for many years, I took Caltrain to work, and other public transportation to activities and events.

I have several suggestions based on my past experience.

The transit agencies need to promote public transit at multiple venues. Large employers, colleges/universities - GoTriangle already does this. They need promote transit to the general public at street fairs and other public events. These public events should include appropriate multiple agencies that service that area. (This was something I experienced in the SF Bay Area. Street fairs in the upper peninsula would have a transit booth with representatives for Caltrain, SamTrams, and BART, mid-peninsula would have Caltrain, SamTrams, and VTA, San Jose would have VTA and Caltrain. The appropriate agencies would have representatives based on the community. The transit reps would work together to assist a person to create a transit plan for their commute.) Have schedules for routes that would be of interest to the majority of that population. As an example transit agencies should have a booth at Hillsborough Last Friday's. GoTriangle and Orange County Transit should both be present to address transportation options. GoTriangle should have schedules for the 420, ODX, and CRX. Orange Co Transit have information about the circulator and their other transit options. Hog Day would also be a good opportunity for a transit booth for Hillsborough. This sort of promotion should be going on all over the Triangle, at as many events as possible. Go where there are people. You need to make the public aware transit is a viable option.

Transit agencies should plan transportation to special events to reduce traffic congestion and work with media for coverage to promote public transportation as an alternative. Some past examples could have been the teachers march in downtown Raleigh and the Dreamville concert in Dix Park. Make transit an alternative option, maybe have special runs or run buses later to accommodate the events. Think of events as an opportunity to get someone out of their car and then give them the idea of possibly thinking of public transportation for other events or perhaps their daily commute.

I had heard there are plans to get rid to the regular vs express fares. I highly agree that should be done. Since I ride the CRX, an express bus, the fare is higher then a regular route bus such as 100 or 105. There have been times when riders have a regular fare card and wonder why they are still being charged more money to ride the bus. I also think that discount cards should be promoted more widely as an option. The idea that weekly cards or monthly cards are the only option can be a turn-off if a person would only be able to ride transit a few days a week. I have heard this comment on sever occasions.

Promote the cost savings and stress reducing parts of public transportation. I am much less stressed riding the bus. I read a book on my Kindle app, read the news, or review emails /answer emails during the ride. I see many riders with WiFi connectors and they work the entire ride. I track my commute on Share the ride NC. Depending on the month and whether I ride the CRX, or drive to RTC and take the 105/100, according to Share the ride NC I save between \$250-\$350 a month. I'm on track to saving about \$3,000 this year. The monthly bus pass is much less than the monthly garage parking fee. The \$102 for the express monthly bus pass is an immediate savings just with that. If I only drive to Eubanks p&r I can get 3 weeks on a tank of gas. Less wear and tear on the car, less oil changes, tire rotations, too.

I have some specific route ideas.

For the CRX, adding a mid-day run for part-time students/ students with only morning classes/ students with afternoon classes, or workers that need to leave early for a medical appointment, parent-teacher conference, or other commitments. Now all workers have the luxury of being able to work from home if they need to work a shorter day. This could be another opportunity to give people an option to get out of their car, who would otherwise drive. It could also be an option so that workers who usually rider the bus who don't have remote option to work a partial day rather than taking a day off.

I strongly suggest that a new bus route should be started to give commuters in Orange County an option to get to RTC using I-40. I would suggest the route have stops at Cone Health p&r in Mebane, Orange Co Durham Tech p&r, Eubanks p&r, to RTC. Then riders can use the Lyft/Uber option to get to their office in RTP. Traffic on I-40 continues to get worse. It has been especially bad this Fall. I take the 7am CRX and the drivers have been consistently driving on the shoulder because traffic is backed u. The bus has been getting to Raleigh much later recently.

Starting in January 2020 the CRX will have a stop at MLK and Perkins. This will enable connecting with the 420 at the north end of Chapel Hill in addition to the current connection point at Franklin Street. (It will also be an option for riders living at the north end of Chapel Hill another stop, which might allow them to ditch the car and not have to drive to Eubanks park & ride lot. I already know of a rider who is looking forward to that new stop.) It would be nice if the Part 4 route would also have a stop at MLK and Perkins so there could be a north Chapel Hill connection stop. That would enable a rider to take the CRX from Raleigh and connect with the Part 4 route to Greensboro. I have been on several CRX buses with riders wanting to do just that, and I have heard from other riders who have seen similar situations. As it is right now the

connection at Franklin Street is very tight and if traffic is bad on I-40 the connection could be missed. If a connection was possible at MLK and Perkins, the rider could have a better chance making the connection to Greensboro.

Thank you for your attention to these suggestions.

Sincerely

Jayse Sessi

919-402-7074

jayseasessi@yahoo.com



To: Aaron Cain, Transportation Planner

From: Bike Durham

Date: December 10, 2019

Re: Public Comment on Draft FY2020-29 Transportation Improvement Program

Thank you for this opportunity to comment on the Draft Transportation Improvement Program (TIP) and thank you for the MPO's long-term dedication to prioritize projects that improve bicycling, walking, and riding transit in the region. We understand that there are significant obstacles to achieving the MPO's long-range plans due to policies at NCDOT and laws established by the General Assembly. Bike Durham seeks to be a partner in working to align those state policies and laws with a transportation vision that achieves safe streets for all users, reductions in vehicle miles traveled, and equitable access for our most transportation-disadvantaged residents who are predominantly low-income and people of color. In that spirit, Bike Durham has the following comments on this draft TIP:

1. We support and appreciate all the bicycle, pedestrian and transit projects that were submitted for scoring and funding. We also support and appreciate the inclusion of bicycle and pedestrian elements in street and highway project definitions. We request that these project definitions be updated to specify that the projects are to include protected bike facilities, and not just paint.
2. We are concerned about the delays to improving unsafe conditions for people walking and biking on many Durham streets. Since few projects are funded with improvements that will improve the safety of people walking and biking, we request that the MPO communicate to NCDOT and the local municipal transportation departments that funds available for safety projects (W-5205, W-5705DIV, W-5705REG, W-5705SW, and the corresponding funds in Divisions 7 and 8) be prioritized to protect the safety of our most vulnerable users of our streets and highways. Improvements to NC 98 are not programmed to begin until FY2029. This segment of roadway has been the scene of multiple deaths from people hit by vehicles, the most recent on September 7th of this year. These improvements cannot wait 10 years.
3. We are concerned that the programmed projects include much greater spending on projects that will add highway-capacity, and thus increase vehicle miles traveled than spending on projects that will support shifts to biking, walking, and transit. We are aware that the untimely demise of the light rail project is a major contributor to this imbalance.

We also understand that NCDOT policy and state law are obstacles. We are also concerned about the inclusion of expensive projects to expand highway capacity on I-85 and the Durham Freeway. Due to the climate crisis, we want to communicate the urgency of investing in a safe network of bicycling and walking facilities throughout Durham and the region, and in a new vision for transit. There are limited funds available for transportation infrastructure, and Bike Durham intends to be active in advocating in the upcoming months and years for building out safe, high-quality networks for biking, walking, and transit in our region.

4. We are also concerned that there is no analysis included that indicates whether the implementation of this program of projects will lead to greater equity of access for transportation-disadvantaged individuals or communities, especially communities of color. We think that this is critical for achieving community goals, and request that the MPO Board direct the staff to work with the NCDOT to develop these analytical tools.
5. Finally, we appreciate the effort that the staff has undertaken to make this very dense material more accessible to the public. We have a few suggestions for improving the legibility of the next version of this document for the FY2022-31 draft TIP.
 - It would be helpful to see a table that summarizes the programmed spending by project type, for example highway capacity expansion, highway maintenance, complete street, independent bicycle or pedestrian facility, operational/ITS, transit infrastructure, transit vehicles, etc. This should be compared to a second table of the value of the submitted projects in the same categories so that it's clear what percentage of various project types are funded, and what the unfunded levels are for each project type.
 - The appendix C table is a good way of bringing transparency to the point allocation process. We recommend that future versions provide an explanation for projects that have not received funding even though they have scored higher than other funded projects. There were 8 regional projects and 4 divisional projects that fit this condition.

Again, we appreciate the opportunity to comment on the draft TIP. You can count on Bike Durham to stay engaged.

Sincerely,

Bike Durham Advocacy Committee

Bike Durham Statement of Purpose

We believe that everyone should have access to safe and affordable transportation regardless of race, wealth, gender identity, ability or where they live. Biking and walking are the most healthy and sustainable ways to move. Bike Durham promotes policy, infrastructure, education, and community events to make Durham more equitable; empowering people of all ages to walk and bike more.

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Transportation Improvement Program

**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 staff prepare the draft amendment.
2. MPO 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 and provides comment. It then recommends the MPO Board release the amendment for public comment. .
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 staff release the draft amendment for public review and comment as defined in Section IV.D of the DCHC MPO PIP.
6. MPO staff receive public comments and compile the comments into a summary report at the end of the comment period.
7. MPO staff present the summary report to the MPO TC for review during the MPO TC meeting.
8. The MPO TC reviews comments received and provides a recommendation to the MPO Board.
9. MPO 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 votes on the amendment.
13. If approved, MPO 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.

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 staff prepare the draft administrative modification.
2. MPO 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 makes a recommendation on the modification (with any revisions to reflect comments) to 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 votes on the modification.
7. If approved, MPO 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.

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Transportation Improvement Program

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	Federal 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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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) There may be exceptions to the ratio.	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