



# STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) Volume 1 (Divisions 1-7)



2018-2027

# 2017

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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



# 2018-2027 State Transportation Improvement Program

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STATE TRANSPORTATION  
IMPROVEMENT PROGRAM

# Transportation Program



## **NORTH CAROLINA 2018 – 2027 STATE TRANSPORTATION IMPROVEMENT PROGRAM**

### **What is a State Transportation Improvement Program (STIP)?**

The STIP is a multi-year capital improvement document which denotes the scheduling and funding of construction projects across the state over a minimum 4 year time period as required by State and Federal laws. North Carolina's STIP covers a 10 year period, with the first five years (2018-2022 in this version) referred to as the delivery STIP and the latter five years (2023-2027 in this version) as the developmental STIP. Per 23 CFR 450.216 & 23 U.S. Code § 135 STIP's must also:

- Be submitted to Federal Highway Administration (FHWA) & Federal Transit Administration (FTA) for approval at least every 4 years
- Be fiscally constrained by year
- Include all capital and non-capital projects using Title 23 USC or Title 49 USC funds, other than certain safety, planning, and research funds
- Include metropolitan TIPs from Metropolitan Planning Organizations
- Provide public comment opportunity on STIP document
- And include the following information:
  - Project description and termini
  - Estimated total cost (NCDOT includes Utility, R/W, and Construction costs)
  - Federal funds to be obligated
  - Responsible agency (such as municipality)

North Carolina's STIP is updated every two years and developed in concert with federal and state revenue forecasts, North Carolina Department of Transportation's (NCDOT's) Strategic Prioritization process, preconstruction and project development timetables, and in adherence with federal and state laws. North Carolina state law requires Board of Transportation (BOT) action to approve the STIP.

This is the second STIP developed under the Strategic Transportation Investments (STI) law passed in June 2013. This landmark legislation elevates the use of transportation criteria and the input of local communities to determine project priorities and directs the use of dollars for transportation projects.

### **How is the STIP organized?**

The STIP 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. The Appendix also contains a reference list of completions and deletions since the 2016-2025 STIP which was approved in 2015.

The transportation program in the STIP is organized by the 14 transportation divisions. Each Division section includes a funding source reference table and is divided between highway and non-highway project schedules. Projects are also listed by county within each division. This results in some duplication since transportation projects frequently extend across county and division lines. When this duplication occurs, a project is listed in each county in which it is found.

Projects are further subdivided by category: interstate, rural, urban, bridge, municipal bridge, bicycle and pedestrian, congestion mitigation, highway safety improvement program, ferry, passenger rail, and roadside environmental. Interstate, rural, urban, bridge, and ferry projects are described by route number. Municipal bridge, bike and pedestrian projects are listed by city or county. Congestion mitigation and passenger rail projects are listed alphabetically by city or county. Highway safety improvement program projects may be listed by route, city or county. The Public Transportation program list projects first by the transportation partners and providers then by identification numbers.

Projects are also listed by the STI category they are funded from, i.e., by Statewide Mobility, Regional Impact, or Division Needs. The phases of projects (such as Right of Way (R), Utility relocation (U), and Construction (C)) are listed by Fiscal Year along with their costs and anticipated funding sources.

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.

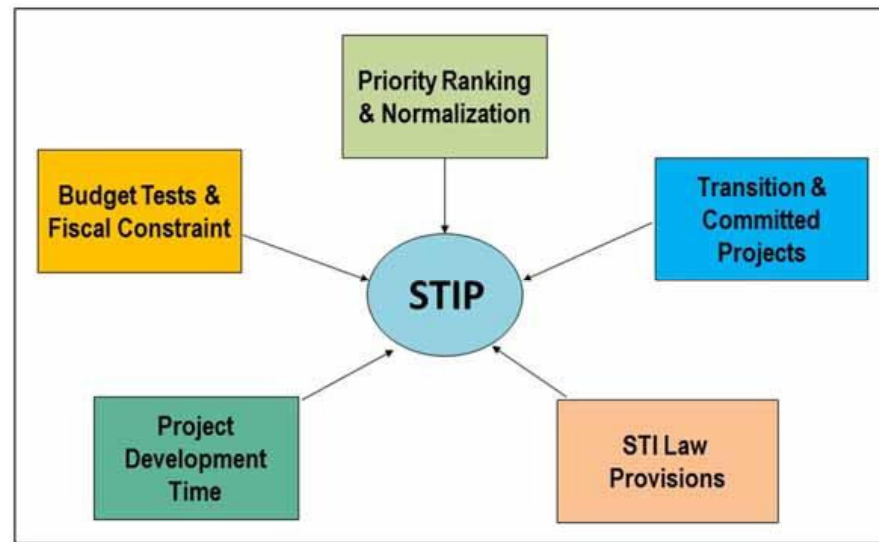
### **Strategic Prioritization**

The Department manages a strategic project prioritization process. The 4th generation of this process, Prioritization 4.0 or P4.0, is a significant component of this STIP development. Strategic prioritization uses transportation data and 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 during the spring and summer of 2016 regarding the submittal of new projects and the assignment of local points to projects. This input assisted each Metropolitan Planning Organization (MPO) and Rural Planning Organization (RPO) and NCDOT's transportation divisions to produce criteria-based methodologies which directed how local points were allocated.

The P4.0 process resulted in each transportation mode using different quantitative criteria, measures and weights to provide technical scores for projects. Also, per the intent of STI for transportation modes to compete for funding, a normalization process was recommended to create minimum percentages of funding for highway and non-highway projects in the combined Regional Impact and Division Needs categories. The minimum percentage for highways was 90% and minimum percentage for non-highways was 4%. These percentages guided the programming process, which ultimately yielded a 95% to 5% highway vs non-highway programmed amount in the combined Regional Impact and Division Needs categories.



Figure A



The results of the P4.0 process do not necessarily mean that projects will be programmed in the order of their score and rank. Over a 10-year time frame, funding was provided to the highest scoring projects. However, there are other considerations and factors in developing the actual program (Figure A). 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 activities can be lengthy. Construction funding cannot be allocated to projects before these preconstruction activities have taken place.

There were also STI law provisions (including a corridor cap and individual modal caps) which directed programming decisions and the entire program had to meet budget tests and fiscal constraint per state and federal requirements. STI law also included a provision to exempt from prioritization select projects (Transition Period Projects) scheduled to be obligated for construction prior to July 1, 2015. In addition, projects funded for right-of-way or construction in the first 5 years of the previous 2016-2025 STIP, were considered committed and were not evaluated in P4.0. However the funding required for both the transition and committed projects was accounted for when budgeting for other projects.

### **Public Involvement – Draft STIP**

After the release of the Draft STIP in January 2017, NCDOT hosted 9 public information sessions across the state from March 28 to May 9, 2017. The purpose of these sessions was to inform citizens about projects in the Draft STIP and get feedback on it. As noted in the Strategic Prioritization section multiple public input opportunities were also available ahead of the development of the Draft STIP and from the beginning of the STI implementation process.

Each session was structured as a 2-hour open house format to allow participants to study maps of projects in the Draft STIP, and review proposed project schedules and information with Department staff. Sessions were held in transit accessible locations and the Department provided auxiliary aids for participants under the Americans with Disabilities Act as well as special services for English limited participants. Consultation was conducted with stakeholder groups (traditional and non-traditional) throughout North Carolina via emails and direct mailing to encourage participation via multiple feedback options.

### **Transportation Conformity**

Each Metropolitan Planning Organization (MPO) is required to develop a 20+ year Metropolitan Transportation Plan (MTP). In MPOs that are listed as either a non-attainment or maintenance air quality area, Transportation Conformity must be demonstrated on all plans, projects and TIPs. This ensures that transportation projects that receive federal funding do not negatively impact an area's ability to meet air quality goals. Projects must be grouped by horizon year and the travel demand model must be run for each horizon year. From the travel demand model, speeds and Vehicle Miles Traveled (VMT) are obtained and used in the air quality model to calculate emissions that are compared to the budgets approved by the US EPA. As long as the calculated emissions are less than the budget, the area can make a conformity finding. If the area cannot meet the budget, then the MPO's project list does not meet the transportation conformity test and the area may be subject to lapse. A lapse can delay projects as federal actions cannot take place during a lapse and only exempt projects can move forward. A revised Transportation Conformity analysis can be triggered whenever a project is delayed or accelerated such that it crosses a horizon year. Whenever an MPO develops a new MTP, a new conformity analysis must be performed. When a new TIP comes out, the new TIP must be checked to make sure it is consistent with the MTP. If there is any inconsistency between the TIP and the MTP (conformity finding) then FHWA cannot take any federal action including approval of the TIP until this inconsistency is resolved.

#### **North Carolina Air Quality Non-Attainment/Maintenance Area Summary**

Region	Counties	Pollutant(s)
		8- Hour Ozone
Metrolina	Cabarrus (Partial)	✓
	Gaston (Partial)	✓
	Iredell (Partial)	✓
	Lincoln (Partial)	✓
	Mecklenburg	✓
	Rowan (Partial)	✓
	Union (Partial)	✓

## **Public Transportation Project Funding**

The projects listed in the STIP are funded from several different FTA Funds and State Funds. In addition, many of the FTA Funds require a 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 Department. Most of the funding for programs in the MPO's with a population of 200,000 or greater is managed directly by the MPO. The MPO's develop projects to list in the STIP from the total apportioned amount received from FTA. NCDOT allocates federal funds to small urban areas less than 200,000 population and for the rural areas. The small urban MPO's then develop projects to list in the STIP within 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. The Federal Funding programs managed by NCDOT are listed below and their projects are included in the STIP.

### **A. Section 5303 / 5304 Metropolitan Planning and Statewide Planning Program**

1. Federal Program Description: Provides funding and procedural requirements for multimodal transportation planning in metropolitan areas and states that are cooperative, continuous and comprehensive, resulting in long-range plans and short-range programs of transportation investment priorities. The planning programs are jointly administered by FTA and the Federal Highway Administration (FHWA), which provides additional funding to the MPOs.
2. PTD Goals:
  - 5303 – Create a fair and equitable distribution of planning funds to urbanized areas (UZAs) and foster transit planning on a larger scale.
  - 5304 – Provide for statewide planning and technical studies.

### **B. Section 5307 Urban Area Formula Program**

1. Federal Program Description: Makes Federal resources available to urbanized areas and to Governors for transit capital and operating assistance, and for transportation related planning in urbanized areas. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Department of Commerce, Bureau of the Census.
2. PTD Goals:
  - 5307 Governor's Apportionment (GA) – Work with the governor's apportionment systems to make sure the needs in their 5 year budgets are met and grants are managed appropriately.
  - 5307 Large UZA – Work with the large UZAs to make sure funding earned is fairly and equitably distributed and the needs of the former 5311 recipients are being met.

### **C. Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program**

1. Federal Program Description: Improve mobility for seniors and individuals with disabilities by removing barriers to transportation service and expanding transportation mobility options. This program supports transportation services planned, designed, and carried out to meet the special transportation needs of seniors and individuals with disabilities in all areas – large urbanized (over 200,000), small urbanized (50,000-200,000), and rural (under 50,000). Eligible projects include both traditional capital investment and nontraditional investment beyond the Americans with Disabilities Act (ADA) complementary paratransit services.
3. PTD Goal:
  - Support transportation of seniors and persons with disabilities in small urban (50,000-200,000 population) and rural North Carolina (less than 50,000 population).

### **D. Section 5311 Rural Formula Grant Program**

1. Federal Program Description: provides capital, planning, and operating assistance to states to support public transportation in rural areas with populations of less than 50,000, where many residents often rely on public transit to reach their destinations. The program also provides funding for state and national training and technical assistance through the Rural Transportation

Assistance Program (RTAP), Intercity Bus (5311F) and Appalachian Development Transportation Assistance Program. North Carolina is one of 13 states receiving the Appalachian Development grants in the following 29 counties: Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Madison, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey.

3. PTD Goals:

- Support general public transportation in rural North Carolina (less than 50,000 population) and provide a coordinated transportation network.
- Implement the Rural Transportation Assistance Program (RTAP), Intercity Bus (5311F) and Appalachian Development Transportation Assistance Program activities.

E. Section 5339 Bus and Bus Facilities Program

1. Federal Program Description: provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.
2. PTD Goal:

- Create a small urban and statewide funding program that provides capital funding to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities.

**Project Descriptions**

EPA's Transportation Conformity Regulation states "The degree of specificity required in the transportation plan and the specific travel network assumed for air quality modeling do not preclude the consideration of alternatives in the NEPA process of other project development studies." In an effort to not unduly influence the outcome of NEPA studies the STIP has used fairly generic descriptions of proposed work although the cost estimates were derived from specific future cross sections. In future documents, more specific descriptions will be used as the NEPA process determines a preferred alternative. So while the out years 6 through 10 may use a description like "widen to multi-lanes" as the NEPA process defines a recommended cross section this may become "widen to 4 lane median-divided cross section" as the project comes closer to having right of way and construction actually funded.

## **PROGRAM BUDGETS**

### **Transportation Revenue Forecast**

#### **State Budget**

State transportation revenues are derived from user fees in the form of Motor Fuel Tax (MFT), driver and vehicles fees collected by the NC Division of Motor Vehicles (DMV Fees) and a Highway Use Tax (HUT) on vehicle title transfers. Federal transportation revenues are derived from a federal MFT tax, vehicle fees (mostly on trucks) and since 2008 it has included transfers from the U.S. General Fund. North Carolina's total transportation funding consists of roughly 75 percent state revenues and 25 percent federal.

State revenue projections are obtained from a consensus forecast by the Office of State Budget and Management (OSBM), Legislative Fiscal Research Division and NCDOT. Budget estimates developed for the Governor's biennial budget serves as a base from which NCDOT and OSBM staff develop the forecast for the remaining years. Motor Fuel revenues are forecasted based on crude oil prices from IHS Global Insight, a private financial forecasting company and in-house consumption forecasting models. 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. Highway Use Tax revenue is forecasted based on the number of vehicles purchased or traded in, vehicle price and the statutory rate. The number of vehicles sold and the price depend on economic conditions. Regarding DMV/Title Fees, the two variables are statutory rates and the number of transactions, which is 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.

#### **Federal Budget**

On December 4, 2015, President Obama signed into law the Fixing America's Surface Transportation Act, or "FAST Act." Overall, the FAST Act largely maintains current program structures and funding shares between highways and transit. The law also makes changes and reforms to many Federal transportation programs, including streamlining the approval processes for new transportation projects, providing new safety tools, and establishing new programs to advance critical freight projects. The core formula programs are:

- National Highway Performance Program (NHPP)
- Surface Transportation Program (STP)
- Congestion Mitigation and Air Quality Improvement Program (CMAQ)
- Highway Safety Improvement Program (HSIP)
- Railway-Highway Crossings (subset of the HSIP)
- Metropolitan Planning
- Construction of Ferry Boats and Ferry Terminal Facilities
- Transportation Alternatives (TA)
- National Highway Freight Program

Federal transportation funding is distributed by Congress based on multi-year reauthorization bills and annual appropriations.

The primary variables for both state and federal revenues are the MFT rate and fuel consumption. The passage of S.L. 2015-2 / S20 altered the variable MFT state rate formula starting April 1, 2015. The new variable rate formula is based on changes in population and the Consumer Price Index for Energy (CPI-E) beginning on January 1, 2017. The federal MFT rate, set by Congress in 1993, is 18.4 cents per gallon for gasoline and 24.4 cents for diesel. Fuel consumption is affected by fuel prices, which are determined by world markets and economic domestic output, vehicle fuel efficiency and alternate fuel vehicles.

#### Federal Aid Program

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

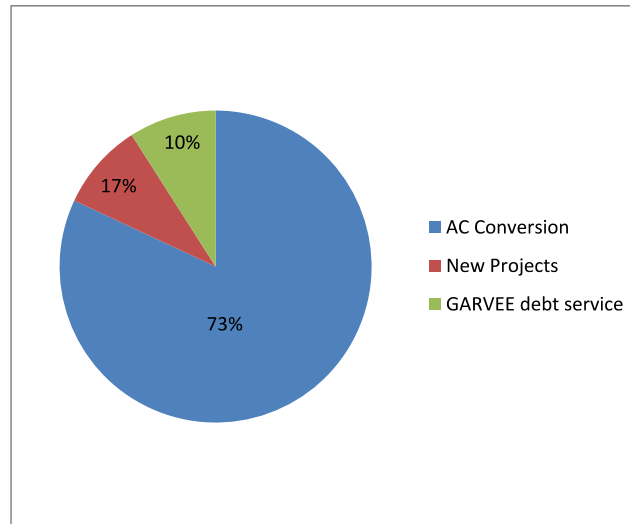
North Carolina's availability of federal funds for the STIP in FFY 2018 is expected to be about \$1,096.6 million, excluding CMAQ and State Planning and Research funds.

Virtually all federal-aid projects require a local or state fund contribution. Most highway and transit programs require a 20% 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.

#### **Federal Aid Construction Program - FFY 2018 (\$ in Millions)**

<b>Category</b>	<b>Federal Funds</b>	<b>Required State Matching Funds</b>	<b>Total</b>
National Highway Performance Program	606	152	758
Rail Hwy Crossing	7	2	9
Statewide Planning	17	4	21
TAP	23	6	29
Research Development	5	1	6
Metropolitan Planning	6	2	8
Congestion Mitigation	50	12	62
Surface Transportation Program	400	100	500
Highway Safety Improvement	61	7	68
Freight	29	7	36
<b>Total Apportionment</b>	<b>1,204</b>	<b>293</b>	<b>1,497</b>
<b>Obligation Limitation</b>	<b>1,160</b>	<b>290</b>	<b>1,450</b>

#### Proposed Use of FFY 2018 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.

#### GARVEE Bonds

In 2005, House Bill 254 authorized NCDOT to issue Grant Anticipation Revenue Vehicles (GARVEE bonds) to finance federal aid highway projects. All funds derived from GARVEE bonds are backed by the receipt of future federal funds and no state funds may be committed to the debt service. In October 2007, the Department received \$287.6 million in GARVEE bond proceeds, \$242.5 million in 2009, \$145.5 million in 2011, and \$179.5 million in 2012 and \$264.9 million in 2015.

**GARVEE Bond Program**  
**\$ in Millions**

<b>State Fiscal Year</b>	<b>Proceeds Including Premium</b>	<b>Debt Service</b>
2008	\$299.80	\$ 5.06
2009		59.33
2010	263.14	67.17
2011		82.00
2012	364.90	59.84
2013		86.33
2014		86.33
2015	300.54	86.32
2016		100.00
2017		99.39
2018		99.39
2019		99.39
2020		78.00
2021		78.00
2022		78.00
2023		78.00
2024		38.29
2025		38.29
2026		38.29
2027		38.29
2028		38.29
2029		38.29
2030		38.29



## State Highway Trust Fund

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

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

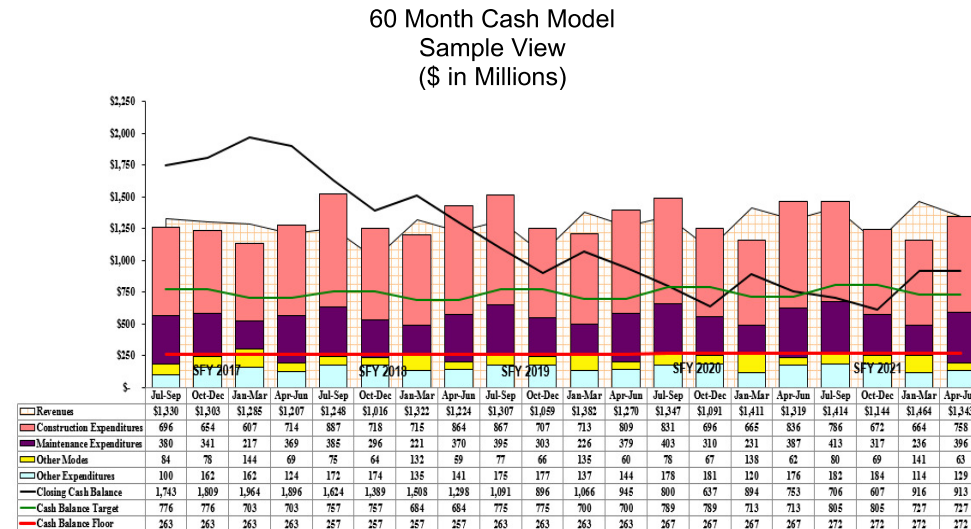
Funds Available for Programming											
(\$ in Millions)											
State Fiscal Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	10 Year STIP Total
Motor Fuels Tax	\$ 564.6	\$ 585.9	\$ 600.2	\$ 610.8	\$ 619.5	\$ 626.3	\$ 630.7	\$ 635.0	\$ 638.5	\$ 640.9	\$ 6,152.4
DMV Fees & Investment Income	162.2	161.1	160.9	176.0	178.1	181.3	185.0	205.8	209.6	213.4	1,833.4
Use Tax	820.8	839.3	858.8	867.8	878.1	894.2	912.6	930.1	947.3	964.5	8,913.4
<b>Total State Highway Trust Fund Revenues</b>	<b>\$ 1,547.7</b>	<b>\$ 1,586.3</b>	<b>\$ 1,619.9</b>	<b>\$ 1,654.6</b>	<b>\$ 1,675.7</b>	<b>\$ 1,701.7</b>	<b>\$ 1,728.3</b>	<b>\$ 1,770.8</b>	<b>\$ 1,795.4</b>	<b>\$ 1,818.8</b>	<b>\$ 16,899.2</b>
NCTA GAP Funding	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(49.0)	(490.0)
GO Debt Service	(52.2)	(50.0)	(59.8)	-	-	-	-	-	-	-	(162.0)
Visitors Center	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(0.4)	(4.0)
Program Administration	(37.6)	(38.6)	(39.4)	(40.2)	(40.8)	(41.4)	(42.0)	(43.1)	(43.7)	(44.2)	(411.0)
<b>Available Trust Fund Revenues</b>	<b>\$ 1,408.5</b>	<b>\$ 1,448.3</b>	<b>\$ 1,471.3</b>	<b>\$ 1,564.9</b>	<b>\$ 1,585.5</b>	<b>\$ 1,611.0</b>	<b>\$ 1,636.9</b>	<b>\$ 1,678.3</b>	<b>\$ 1,702.4</b>	<b>\$ 1,725.2</b>	<b>\$ 15,832.2</b>
Federal Aid	1,159.8	1,188.3	1,214.5	1,214.4	1,214.4	1,214.4	1,214.4	1,214.4	1,214.4	1,214.4	12,061.4
Less SPR Funds	(33.2)	(34.0)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)	(34.8)	(345.4)
Less CMAQ	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(300.0)
Less EEP	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(30.0)	(300.0)
Less Yadkin River GARVEE debt service	(17.2)	(15.6)	(5.1)	(5.1)							(43.1)
<b>Available Federal Aid</b>	<b>\$ 1,049.4</b>	<b>\$ 1,078.7</b>	<b>\$ 1,114.6</b>	<b>\$ 1,114.5</b>	<b>\$ 1,119.6</b>	<b>\$ 1,119.6</b>	<b>\$ 1,119.6</b>	<b>\$ 1,119.6</b>	<b>\$ 1,119.6</b>	<b>\$ 1,119.6</b>	<b>\$ 11,073.0</b>
<b>Total Available Funds</b>	<b>\$ 2,457.9</b>	<b>\$ 2,525.0</b>	<b>\$ 2,585.9</b>	<b>\$ 2,679.4</b>	<b>\$ 2,705.1</b>	<b>\$ 2,730.6</b>	<b>\$ 2,756.5</b>	<b>\$ 2,798.0</b>	<b>\$ 2,822.0</b>	<b>\$ 2,844.8</b>	<b>\$ 26,905.1</b>
Preliminary Engineering	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(200.0)	(2,000.0)
Construction Cost Overruns	(58.0)	(60.0)	(61.8)	(64.6)	(65.4)	(66.2)	(66.9)	(68.2)	(68.9)	(69.6)	(649.7)
Bonus Alloc. for Tolling & Local Participation	(69.3)	(39.1)	(22.6)	(48.8)	(42.6)	(25.2)	(25.4)	(28.4)	(10.9)	(28.4)	(340.5)
Less Inflation	(10.7)	(33.6)	(58.0)	(84.0)	(109.8)	(111.7)	(112.9)	(114.6)	(116.4)	(116.6)	(868.3)
<b>Funds Available for Programming</b>	<b>\$ 2,120.0</b>	<b>\$ 2,192.3</b>	<b>\$ 2,243.5</b>	<b>\$ 2,282.0</b>	<b>\$ 2,287.4</b>	<b>\$ 2,327.5</b>	<b>\$ 2,351.3</b>	<b>\$ 2,386.8</b>	<b>\$ 2,425.8</b>	<b>\$ 2,430.2</b>	<b>\$ 23,046.7</b>

## Anticipated Inflation Impact

Inflation is not explicitly factored into the above revenue estimates. However, before programming projects in the STIP, available funds were reduced by an amount for inflation. The following inflation factors for future construction and right of way cost increases were used: 2018 - 1.005, 2019 - 1.0151, 2020 – 1.0252, 2021 – 1.0355, 2022 through 2027 - 1.0458. This allows project costs used in the Program to be shown in current (2018) dollars.

## Cash Model

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



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

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

### **The North Carolina Turnpike Authority (NCTA)**

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

Total revenues, inclusive of toll revenue and processing fees, but excluding transponder revenues, were \$36.3 million and \$29.0 million for FY 2016 and FY 2015. FY 2016 total revenues increased by 25% year-over-year (YOY) when compared to FY 2015. Transponder revenues were \$0.60 million and \$0.45 million for FY 2016 and FY 2015, respectively, increasing by 33% YOY. Operating expenses totaled \$14.8 million and \$13.6 million for FY 2016 and FY 2015. FY 2016 operating expenses increased by 9% YOY from the previous year due, in part, to the increased number of transactions.



ALPHABETICAL LISTING OF COUNTIES													
COUNTY	DIV	COUNTY	DIV	COUNTY	DIV	COUNTY	DIV	COUNTY	DIV	COUNTY	DIV	COUNTY	DIV
ALAMANCE	7	CHOWAN	1	GUILFORD	7	MITCHELL	13	RUTHERFORD	13				
ALEXANDER	12	CLAY	14	HALIFAX	4	MONTGOMERY	8	SAMPSON	3				
ALLEGHANY	11	CLEVELAND	12	HARNETT	6	MOORE	8	SCOTLAND	8				
ANSON	10	COLUMBUS	6	HAYWOOD	14	NASH	4	STANLY	10				
ASHE	11	CRAVEN	2	HENDERSON	14	NEW HANOVER	3	STOKES	9				
AVERY	11	CUMBERLAND	6	HERTFORD	1	NORTHAMPTON	1	SURRY	11				
BEAUFORT	2	CURRITUCK	1	HOKE	8	ONSLow	3	SWAIN	14				
BERTIE	1	DARE	1	HYDE	1	ORANGE	7	TRANSYLVANIA	14				
BLADEN	6	DAVIDSON	9	IREDELL	12	PAMLICO	2	TYRRELL	1				
BRUNSWICK	3	DAVIE	9	JACKSON	14	PASQUOTANK	1	UNION	10				
BUNCOMBE	13	DUPLIN	3	JOHNSTON	4	PENDER	3	VANCE	5				
BURKE	13	DURHAM	5	JONES	2	PERQUIMANS	1	WAKE	5				
CABARRUS	10	EDGEcombe	4	LEE	8	PERSON	5	WARREN	5				
CALDWELL	11	FORSYTH	9	LENOIR	2	PITT	2	WASHINGTON	1				
CAMDEN	1	FRANKLIN	5	LINCOLN	12	POLK	14	WATAUGA	11				
CARTERET	2	GASTON	12	MACON	14	RANDOLPH	8	WAYNE	4				
CASWELL	7	GATES	1	MADISON	13	RICHMOND	8	WILKES	11				
CATAWBA	12	GRAHAM	14	MARTIN	1	ROBESON	6	WILSON	4				
CHATHAM	8	GRANVILLE	5	McDOWELL	13	ROCKINGHAM	7	YADKIN	11				
CHEROKEE	14	GREENE	2	MECKLENBURG	10	ROWAN	9	YANCEY	13				

NORTH CAROLINA COUNTIES BY DIVISION														
<u>DIVISION 1</u>			<u>DIVISION 3</u>			<u>DIVISION 6</u>			<u>DIVISION 9</u>			<u>DIVISION 12</u>		
BERTIE			BRUNSWICK			BLADEN			DAVIDSON			ALEXANDER		
CAMDEN			DUPLIN			COLUMBUS			DAVIE			CATAWBA		
CHOWAN			NEW HANOVER			CUMBERLAND			FORSYTH			CLEVELAND		
CURRITUCK			ONSLow			HARNETT			ROWAN			GASTON		
DARE			PENDER			ROBESON			STOKES			IREDELL		
GATES			SAMPSON									LINCOLN		
HERTFORD														
HYDE														
MARTIN														
NORTHAMPTON														
PASQUOTANK														
PERQUIMANS														
TYRRELL														
WASHINGTON														
			<u>DIVISION 4</u>			<u>DIVISION 7</u>			<u>DIVISION 10</u>			<u>DIVISION 13</u>		
			EDGEcombe			ALAMANCE			ANSON			BUNCOMBE		
			HALIFAX			CASWELL			CABARRUS			BURKE		
			JOHNSTON			GUILFORD			MECKLENBURG			MADISON		
			NASH			ORANGE			STANLY			McDOWELL		
			WAYNE			ROCKINGHAM			UNION			MITCHELL		
			WILSON									RUTHERFORD		
												YANCEY		
<u>DIVISION 2</u>						<u>DIVISION 8</u>			<u>DIVISION 11</u>			<u>DIVISION 14</u>		
BEAUFORT						CHATHAM			ALLEGHANY			CHEROKEE		
CARTERET						HOKE			ASHE			CLAY		
CRAVEN						LEE			AVERY			GRAHAM		
GREENE						MONTGOMERY			CALDWELL			HAYWOOD		
JONES						MOORE			SURRY			HENDERSON		
LENOIR						RANDOLPH			WATAUGA			JACKSON		
PAMLICO						RICHMOND			WILKES			MACON		
PITT						SCOTLAND			YADKIN			POLK		
												SWAIN		
												TRANSYLVANIA		

METROPOLITAN PLANNING ORGANIZATIONS (MPO)	
MPO	CITY-TOWN-COUNTY
Burlington-Graham Metropolitan Planning Organization (BGMPO)	Alamance County, Village of Alamance, City of Burlington, Town of Elon, Town of Gibsonville, City of Graham, Town of Green Level, Guilford County, Town of Haw River, City of Mebane, Orange County, Town of Whitsett
Cabarrus-Rowan Metropolitan Planning Organization (CRMPO)	Cabarrus County, Town of China Grove, Town of Cleveland, City of Concord, Town of East Spencer, Town of Faith, Town of Granite Quarry, Town of Harrisburg, City of Kannapolis, Town of Landis, Town of Midland, Town of Mount Pleasant, Town of Rockwell, Rowan County, City of Salisbury, Town of Spencer
Capital Area Metropolitan Planning Organization (CAMPO)	Town of Angier, Town of Apex, Town of Archer Lodge, Town of Bunn, Town of Cary, Town of Clayton, Town of Creedmoor, Franklin County, Town of Franklinton, Town of Fuquay-Varina, Town of Garner, Granville County, Harnett County, Town of Holly Springs, Johnson County, Town of Knightdale, Town of Morrisville, City of Raleigh, Town of Rolesville, Wake County, Town of Wake Forest, Town of Wendell, Town of Youngsville, Town of Zebulon
Charlotte Regional Transportation Planning Organization (CRTPO)	City of Charlotte, Town of Cornelius, Town of Davidson, Town of Fairview, Town of Huntersville, Town of Indian Trail, Iredell County, Town of Marshville, Village of Marvin, Town of Matthews, Mecklenburg County, Town of Mineral Springs, Town of Mint Hill, City of Monroe, Town of Mooresville, Town of Pineville, Town of Stallings, City of Statesville, Town of Troutman, Union County, Town of Waxhaw, Town of Weddington, Town of Wingate, Village of Wesley Chapel
Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO)	Town of Carrboro, Town of Chapel Hill, Chatham County, City of Durham, Durham County, Town of Hillsborough, Orange County
Fayetteville Area Metropolitan Planning Organization (FAMPO)	Cumberland County, Town of Eastover, City of Fayetteville, Harnett County, Hoke County, Town of Hope Mills, Town of Spring Lake, Robeson County, City of Raeford, Town of Parkton
French Broad River Metropolitan Planning Organization (FBRMPO)	City of Asheville, Town of Biltmore Forest, Town of Black Mountain, Buncombe County, Town of Canton, Town of Clyde, Village of Flat Rock, Town of Fletcher, Haywood County, Henderson County, City of Hendersonville, Town of Laurel Park, Town of Maggie Valley, Town of Mars Hill, Town of Mills River, Town of Montreat, Town of Waynesville, Town of Weaverville, Town of Woodfin, Madison County, Transylvania County
Gaston-Cleveland-Lincoln Metropolitan Planning Organization (GCLMPO)	City of Belmont, Town of Belwood, City of Bessemer City, Town of Boiling Springs, Town of Casar, City of Cherryville, Cleveland County, Town of Cramerton, Town of Dallas, Town of Delview, Town of Earl, Town of Fallston, Gaston County, City of Gastonia, Town of Grover, Town of High Shoals, City of Kings Mountain, Town of Kingstown, Town of Lattimore, Town of Lawndale, Lincoln County, City of Lincolnton, City of Lowell, Town of Maiden, Town of McAdenville, Town of Mooresboro, City of Mount Holly, Town of Patterson Springs, City of Polkville, Town of Ranlo, City of Shelby, Town of Spencer Mountain, Town of Stanley, Town of Waco
Goldsboro Metropolitan Planning Organization	City of Goldsboro, Town of Pikeville, Village of Walnut Creek, Wayne County
Grand Strand Area Transportation Study (SC/NC)	In North Carolina: Brunswick County, Town of Calabash, Town of Carolina Shores, Town of Holden Beach, Town of Ocean Isle Beach, Town of Shallotte, Town of Sunset Beach, Town of Varnamtown

METROPOLITAN PLANNING ORGANIZATIONS (MPO)	
MPO	CITY-TOWN-COUNTY
Greater Hickory Metropolitan Planning Organization	Alexander County, Town of Brookford, Burke County, Town of Cahah's Mountain, Caldwell County, Town of Catawba, Catawba County, Village of Cedar Rock, City of Claremont, Town of Connelly Springs, City of Conover, Town of Drexel, Town of Gamewell, Town of Glen Alpine, Town of Granite Falls, City of Hickory, Town of Hildrebran, Town of Hudson, City of Lenoir, Town of Long View, Town of Maiden, City of Morganton, City of Newton, Town of Rhodhiss, Town of Rutherford College, Town of Sawmills, Town of Valdese
Greensboro Urban Area Metropolitan Planning Organization (GUAMPO)	City of Greensboro, Guilford County, Town of Oak Ridge, Town of Pleasant Garden, Town of Sedalia, Town of Stokesdale, Town of Summerfield
Greenville Urban Area Metropolitan Planning Organization	Town of Ayden, City of Greenville, Pitt County, Village of Simpson, Town of Winterville
High Point Urban Area Metropolitan Planning Organization (HPMPO)	City of Archdale, Davidson County, Town of Denton, Forsyth County, Guilford County, City of High Point, Town of Jamestown, City of Lexington, Randolph County, City of Thomasville, City of Trinity, Town of Wallburg
Jacksonville Urban Area Metropolitan Planning Organization (JUMPO)	City of Jacksonville, Onslow County
New Bern Metropolitan Planning Organization	Town of Bridgeton, Craven County, City of New Bern, Town of River Bend, Town of Trent Woods
Rocky Mount Urban Area Metropolitan Planning Organization	Edgecombe County, Nash County, Town of Nashville, City of Rocky Mount, Town of Sharpsburg
Wilmington Urban Area Metropolitan Planning Organization (WMPO)	Town of Belville, Brunswick County, Town of Carolina Beach, Town of Kure Beach, Town of Leland, Town of Navassa, New Hanover County, Pender County, City of Wilmington, Town of Wrightsville Beach
Winston-Salem Urban Area Metropolitan Planning Organization	Town of Bermuda Run, Town of Bethania, Village of Clemmons, Davidson County, Davie County, Forsyth County, Town of Kernersville, City of King, Town of Lewisville, Town of Midway, Town of Rural Hall, Stokes County, Village of Tobaccoville, Town of Walkertown, Town of Wallburg, City of Winston-Salem

RURAL PLANNING ORGANIZATIONS (RPO)	
RPO	COUNTY
Albemarle Rural Planning Organization	Camden, Chowan, Currituck, Dare, Gates, Hyde, Pasquotank, Perquimans, Tyrrell, and Washington
Cape Fear Rural Planning Organization	Brunswick, Columbus, and Pender
Down East Rural Planning Organization	Carteret, Craven, Jones, Onslow, and Pamlico
Eastern Carolina Rural Planning Organization	Duplin, Greene, Lenoir, and Wayne
High Country Rural Planning Organization	Alleghany, Ashe, Avery, Mitchell, Watauga, Wilkes and Yancey
Isothermal Rural Planning Organization	McDowell, Polk and Rutherford
Kerr Tar Rural Planning Organization	Franklin, Granville, Person, Vance and Warren
Land of Sky Rural Planning Organization	Buncombe, Haywood, Madison, Transylvania, City of Brevard, Town of Hot Springs, Town of Marshall, Town of Rosman
Lumber River Rural Planning Organization	Hoke, Richmond, Robeson and Scotland
Mid-Carolina Rural Planning Organization	Bladen, Cumberland, Harnett and Sampson
Mid-East Rural Planning Organization	Beaufort, Pitt and Martin
Northwest Rural Planning Organization	Davie, Stokes, Surry and Yadkin
Peanut Belt Rural Planning Organization	Bertie, Halifax, Hertford and Northampton
Piedmont Triad Rural Planning Organization	Caswell, Montgomery, Randolph and Rockingham
Rocky River Rural Planning Organization	Anson, Stanly and Union
Southwestern Rural Planning Organization	Cherokee, Clay, Graham, Jackson, Macon and Swain
Triangle Area Rural Planning Organization	Chatham, Lee, Moore and Orange
Upper Coastal Plain Rural Planning Organization	Edgecombe, Johnston, Nash and Wilson



**CULLIE M. TARLETON**

Division Engineer:  
M.A. PETTYJOHN 336-667-9111  
Dist. 1 B. WHITAKER 336-835-4241  
Dist. 2 D. ELLER 828-268-6026  
Dist. 3 D. POINDEXTER 336-903-9172

**MICHAEL S. FOX**

Division Engineer:  
J.M. MILLS 336-487-0000  
Deputy Division Engineer:  
vacant  
Dist. 1 C.N. EDWARDS 336-487-0000  
Dist. 2 B.L. NORRIS 336-487-0100  
Dist. 3 J. JULIAN 336-634-5644

**R. MICHAEL WELLS, Sr.**

Division Engineer:  
S. P. IVEY 336-747-7800  
Dist. 1 C.T. CORRIHER 704-630-3200  
Dist. 2 L. PUCKETT 336-747-7900

**VALERIE D. JORDAN**

Division Engineer:  
J.R. HOPKINS 919-220-4600  
Deputy Division Engineer:  
R.W. HANCOCK 919-220-4600  
Dist. 1 M.S. WHEELER 919-733-3213  
Dist. 2 M.W. CRAIG 919-220-4750  
Dist. 3 T.R. ELMORE 252-598-5100

**GUS TULLOSS**

Division Engineer:  
T.M. LITTLE 252-237-6164  
Dist. 1 R. KEETER 252-583-5861  
Dist. 2 Vacant 252-459-2128  
Dist. 3 J. HARRELL 919-739-5300

**DOUGLAS MORAN**

Division Engineer:  
J.D. JENNINGS 252-482-1850  
Dist. 1 R. MIDGETT 252-331-4737  
Dist. 2 S. EMORY 252-332-4012  
Dist. 3 D.S. LEE 252-789-6150

**WILLIAM CLARKE**

Division Engineer:  
J. J. SWAIN 828-251-6171  
Dist. 1 C. GUFFEY 828-652-3344  
Dist. 2 T. WILSON 828-298-2741

**JACK DEBNAM**

Division Engineer:  
E. GREEN 828-586-2141  
Dist. 1 S. CANNON 828-891-7911  
Dist. 2 J.L. WOODARD 828-497-7333  
Dist. 3 A. RUSSELL 828-321-4105

**JOHN R. POPE**

Division Engineer:  
M. STAFFORD 704-480-9020  
Dist. 1 G.R. SPANGLER 704-480-2080  
Dist. 2 J. COOK 704-876-3947  
Dist. 3 T. ANDERSON 704-748-2400

**TRACY DODSON**

Division Engineer:  
L. MITCHELL 704-983-4400  
Deputy Division Engineer:  
S. COLE 704-983-4400  
Dist. 1 M. MORGAN 704-983-4380  
Dist. 2 W. TAYLOR 980-523-0000  
Dist. 3 L. AINSWORTH 704-218-5100

**PATRICK MOLAMPHY**

Division Engineer:  
B.H. JONES 910-944-2344  
Dist. 1 M.C. TILLMAN 336-318-4000  
Dist. 2 T. MORGAN 910-944-7621

**TERRY HUTCHENS**

Division Engineer:  
G.W. BURNS 910-486-1493  
Dist. 1 C.S. MILLER 910-618-5546  
Dist. 2 R. HINES 910-486-1496  
Dist. 3 H.L. COX 910-642-3760

**LONDON G. ZIMMER**

Division Engineer:  
K.E. COLLETTE 910-341-2000  
Deputy Division Engineer:  
C. KIMES 910-341-2000  
Dist. 1 P. RIDDLE 910-346-2040  
Dist. 2 K. BATCHELOR 910-592-6174  
Dist. 3 B. HUGHES 910-251-2655

**HUGH OVERHOLT**

Division Engineer:  
J.W. ROUSE 252-439-2800  
Dist. 1 Vacant 252-946-3689  
Dist. 2 M.B. HOUSTON 252-514-4716  
Dist. 3 Vacant 252-527-0053



**NORTH CAROLINA  
BOARD OF TRANSPORTATION  
and Division and District Offices**

**JAMES H. TROGDON, III** Secretary of Transportation

**AT-LARGE APPOINTMENTS**

Environmental NINA SZLOSBERG-LANDIS  
State Ports and Aviation DANNY McCOMAS  
Rural Transportation GRADY HUNT  
Mass Transit ANDREW PERKINS  
Government-Related Finance and Accounting ANTHONY T. LATHROP

**Legend**

- Division Office
- District Office
- Division & District
- Divisions
- Districts
- Municipal
- County Boundary



DIVISION 00

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (MILES)	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											
								STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED	
								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS	
WAKE	NC 00	R-0000	I-40 TO NC 96 EAST OF HOMETOWN. WIDEN TO A FOUR-LANE FACILITY WITH A BYPASS OF HOMETOWN ON NEW LOCATION.	7.3	63,450	250	NHP R 4000 A NHP M 700 NHP U 1500 NHP NHP NHP NHP NHP												
		SW	LOCATION / DESCRIPTION Project termini and a general work description.							C 9000 A									
			FUNDING SOURCE (2) See Highway Funding Key for an explanation of funding categories used for each project phase.				SW A I-40 TO NC 3 SW B NC 3 TO SR 1003 SW C SR 1003 TO NC 96							R 5000 B		C 5000 B	C 5000 B	C 5000 B	C 5000 B
			FUNDING CATEGORY (1) Identifies the "STI" Funding Category for the project and any project breaks.															R 10000 C C 20000 C	
			PROJECT BREAKS One or two letter designation for project break.																
			WORK TYPE (ACTIVITY) (3) Phases of implementation: Preliminary engineering, Right of Way, Mitigation, Utilities or Construction. For other work types or activities see Work Type (Activity) box belc																
			ESTIMATED COST Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand ofdollars.)																
			UNFUNDED																

(1) FUNDING CATEGORY
DIV - Division
EX - Exempt
HF - State Dollars (Non-STI)
REG - Regional
SW - Statewide
TRN -Transition Project

(2) FUNDING KEY FOR HIGHWAY FUNDING SOURCES
APD - Appalachian Development BA - Bonus Allocation BOND (R) - Revenue Bond CMAQ - Congestion Mitigation DP - Discretionary or Demonstration ER - Emergency Relief Funds FLAP - Federal Lands Access Program HP - Federal-Aid High Priority HRRR - High Risk Rural Roads HSIP - Highway Safety Improvement Program L - Local
NHP - National Highway Performance Program NHPB - National Highway Performance Program (Bridge) NHPBA - National Highway Performance Program (Bonus Allocation) NHPIM - National Highway Performance Program (Interstate Maintenance) O - Others S - State S (M) - State Match STBG - Surface Transportation Block Grant Program STBGDA - Surface Transportation Block Grant Program - Direct Attributable STBGDOFF - Surface Transportation Block Grant Program (Off System Bridge) T - State Highway Trust Funds

(3) WORK TYPE (ACTIVITY)
A - Acquisition C - Construction CG - Construction (GARVEE) F - Feasibility Study G - Grading and Structures I - Implementation L - Landscaping M - Mitigation O - Operations P - Paving PE - Preliminary Engineering R - Right of Way RG - Right of Way (GARVEE) S - Structure U - Utilities

DIVISION 00

NON HIGHWAY PROGRAM

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.			FUZZCP	4000	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

ROUTE / CITY / TRANSIT PARTNER  
I - Interstate  
US or NC Routes  
SR - Secondary Road  
Various - multiple routes  
NEW ROUTE or City  
TRANSIT PARTNER

LOCATION / DESCRIPTION  
Project termini and a general work description.

FUNDING SOURCE (2)  
See Highway Funding Key for an explanation of funding categories used for each project phase.

FUNDING CATEGORY (1)  
Identifies the "STI" Funding Category for the project and any project breaks.

IDENTIFICATION NUMBER  
Assigned to each project at conception and remains with project until completion.

PROJECT BREAKS  
One or two letter designation for project break.

WORK TYPE (ACTIVITY) (3)  
Phases of implementation: Preliminary Engineering, Right of Way, Mitigation, Utilities or Construction.  
For other work types or activities see Work Type(Activity) box below.

ESTIMATED COST  
Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)

UNFUNDED

(1) FUNDING CATEGORY
DIV - Division
HF - State Dollars (Non-STI)
REG - Regional
SW - Statewide

(2) FUNDING SOURCES KEY
ADTAP - Appalachian Development Transportation Assistance Pgm. CMAQ - Congestion Mitigation DP - Discretionary or Demonstration FBUS - Bus and Bus Facilities (5339) FED - Federal Rail Funds FEPD - Enhanced Mobility Adults and People with Disabilities (5310) FF - Federal Ferry FLAP - Federal Lands Access Program FMOD - Fixed Guideway Modifications FMPL - Metropolitan and Statewide Planning (5303/5304) FNF - New Freedom Program (5317) FNS - New Starts - Fixed Guideway CIG - Capital (5309) FNU - Non Urbanized Area Formula Program (5311) FSGR - State of Good Repair Formula (Rail) (5337) FSPR - State Planning and Research FUZ - Urbanized Area Formula Program (5307) HP - Federal-Aid High Priority JARC - Job Assistance and Reverse Commute (5316)
FBBF - Bus and Bus Facilities Formula (5339) FSSO - Federal State Safety Oversight (Rail) (5329) FEDT - Undesignated Federal Transit Funds L - Local O - Other RR - Rail-Highway Safety RTAP - Rural Transit Assistance Program S - State S (M) - State Match SMAP - Operating Assistance and State Maintenance SRTS - Safe Routes to School STHSR - Stimulus High Speed Rail STBG - Surface Transportation Block Grant Program STBGDA - STBG Program - Direct Attributable T - State Highway Trust Funds TAP - Transportation Alternatives Program TAPDA - Transportation Alternatives Program - Direct Attributable TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)
A - Acquisition AD - Administrative C - Construction CP - Capital I - Impementation O - Operations OC - OPS Funded Capital PE - Preliminary Engineering PL - Planning / Design R - Right-of-Way

# Greenville Urban Area Metropolitan Planning Organization (GUAMPO)

## Metropolitan Transportation Improvement Program (MTIP)

### Summary

The Greenville Urban Area Metropolitan Planning Organization (GUAMPO) has, through cooperative engagement with all pertinent stakeholders, developed the 2018-2027 Metropolitan Transportation Improvement Program (MTIP) contained hereinafter. Coordination with the North Carolina Department of Transportation (NCDOT), Greenville Area Transit (GREAT), Pitt County Area Transit (PATs) and the Pitt-Greenville Airport has resulted in the formation and adoption of the fiscally constrained MTIP that reflects transportation investment priorities and programs projects over the ten-year program horizon. Project programmed in years 2018-2021 of the MTIP reflect committed funding while projects in the outer remaining years, 2022-2027, are considered in the development portion of the MTIP and are for illustrative purposes.

The 2014-2040 Metropolitan Transportation Plan (MTP) provides the context and basis for the MTIP. The MTP was adopted in 2014 and is defined as a federally-mandated, long-term planning document detailing the transportation improvements and policies to be implemented in the MPO's planning area that is updated at a minimum every five years. The 2014-2040 MTP can be online at the following link: <http://www.greenvillenc.gov/home/>.

The Strategic Transportation Investment law (STI) passed in 2014 by the North Carolina General Assembly mandates how projects are selected for inclusion in the MTIP. In 2015 projects were entered into the SPOT online database for quantitative scoring and analysis. Based on that data projects were scored and programmed accordingly based on funding availability. In spring of 2016 the list of Statewide Mobility projects funded was released. GUAMPO held a public comment period for the public to review the Regional Impact tier projects and provide feedback regarding how local points should be assigned. In May of 2016 the Technical Coordinating Committee (TCC) and Transportation Advisory Committee (TAC) assigned points to the Regional Tier projects based on public feedback and the locally adopted and State approved methodology. In fall of 2016 another public comment period was opened for review and comment regarding the Division Needs tier projects. In October of 2016 the TCC and TAC assigned points to the Division Needs tier projects according to the locally adopted and State approved methodology.

The section of the MTIP for Public Transportation outlines FTA 5307 and 5303 grant expenditures. The final section of the MTIP contains Statewide Projects, or those programmed for work throughout the entire state that may be applicable to GUAMPO. The draft Statewide Transportation Improvement Program (STIP), of which the local portion is the MTIP, was released in January 2017. The final STIP was adopted by the North Carolina Board of Transportation on August 3, 2017. GUAMPO adopted the MTIP on August 23, 2017.

Highway projects within the MTIP, all phases, are the responsibility of NCDOT. Preliminary Engineering for all projects, excluding bicycle and Pedestrian projects, is accounted for under the Statewide Line Item which also includes environmental analysis. Local match for all projects, unless otherwise stated, is provided by NCDOT. All costs listed in the MTIP or total costs.

## Fiscal Constraint

Federal regulations require that the MTIP be fiscally constrained to reasonable expected revenue. The NCDOT, having provided funding and programming levels to be used, has demonstrated fiscal constraint on the 2018 – 2027 STIP adopted on August 3, 2017 by the North Carolina Board of Transportation. The Greenville Urban Area Metropolitan Planning Organization (GUAMPO) MTIP, a subset of the STIP adopted August 23, 2017 by the MPO, and therefore by extension demonstrates fiscal constraint. Approximately \$158 million in revenues and \$158 million of project and program costs are forecast for the first four years of the TIP (2018-21).

Fiscal constraint (with Funding Source Identified) for the first four years, 2018-2021, of the MTIP for Highway Expenditures is shown in Table 1. Non-Highway Expenditures, identified with Funding Source, is reference in Table 2. Expenditures are listed in current year dollars with an expected 2% rise in cost over the documents program horizon accounted for. Revenue is projected to remain consistent and stable during the program horizon ensuring that funding is available for all projects in the first four years. NCDOT makes requisite adjustments annually to update anticipated costs reflect the most up to date assessments.

### (INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)

#### GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

##### HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	<i>(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)</i>			
			FY 2018	FY 2019	FY 2020	FY 2021
HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM	F	88			
NHPB	National Highway Performance Program(Bridge)	F	1004	2707	2734	2760
STBG	Surface Transportation Block Grant Program	F	8542	7683	7759	8879
STPOFF	Surface Transportation Program (Off System)	F		91		930
T	Highway Trust Funds	S	53963	11790	9562	22322
<b>SUBTOTAL</b>			<b>63597</b>	<b>22271</b>	<b>20055</b>	<b>34891</b>

*Table 1*

### (INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)

#### GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

##### NON HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	<i>(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)</i>			
			FY 2018	FY 2019	FY 2020	FY 2021
DP	Discretionary or Demonstration	F	663			
FMPL	Metropolitan Planning (5303)	F	27	27	27	27
FUZ	Capital Program - Bus Earmark (5309)	F	4141	1804	1737	1740
L	Local	O	1114	860	847	856
S	State	S	282	3	3	3
SMAP	Operating Assistance and State Maintenance	S	323	279	281	284
T	Highway Trust Funds	S		872		
TAP	Transportation Alternatives Program	F	907			
<b>SUBTOTAL</b>			<b>7457</b>	<b>3845</b>	<b>2895</b>	<b>2910</b>
<b>TOTAL</b>			<b>71054</b>	<b>26116</b>	<b>22950</b>	<b>37801</b>

*Table 2*

**(INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)**

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

**HIGHWAY PROGRAM**

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	<i><u>(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)</u></i>			
			FY 2018	FY 2019	FY 2020	FY 2021
HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM	F	88			
NHPB	National Highway Performance Program(Bridge)	F	1004	2707	2734	2760
STBG	Surface Transportation Block Grant Program	F	8542	7683	7759	8879
STPOFF	Surface Transportation Program (Off System)	F		91		930
T	Highway Trust Funds	S	53963	11790	9562	22322
SUBTOTAL			63597	22271	20055	34891

**(INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)**

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

**NON HIGHWAY PROGRAM**

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	<i>(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)</i>			
			FY 2018	FY 2019	FY 2020	FY 2021
DP	Discretionary or Demonstration	F	663			
FMPL	Metropolitan Planning (5303)	F	27	27	27	27
FUZ	Capital Program - Bus Earmark (5309)	F	4141	1804	1737	1740
L	Local	O	1114	860	847	856
S	State	S	282	3	3	3
SMAP	Operating Assistance and State Maintenance	S	323	279	281	284
T	Highway Trust Funds	S		872		
TAP	Transportation Alternatives Program	F	907			
SUBTOTAL			7457	3845	2895	2910
TOTAL			71054	26116	22950	37801

# **GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION** **HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																														
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM								DEVELOPMENTAL PROGRAM					UNFUNDED									
COUNTY	NUMBER	FY 2018						FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS													
RURAL PROJECTS																														
NC 11	R-5815	PROPOSED GREENVILLE SOUTHWEST BYPASS TO PROPOSED HARVEY PARKWAY EXTENSION. UPGRADE TO INTERSTATE STANDARDS.	10.5	194400	T														R 7350		R 7350									
					T																	U 900		U 900						
					T																					C 35580				
LENOIR	DIV																													
PITT																														
NC 11/NC 903 (GREENVILLE SOUTHWEST BYPASS)	R-2250	NC 11 TO US 264 (GREENVILLE BYPASS). CONSTRUCT FOUR LANE DIVIDED FACILITY ON NEW LOCATION WITH BYPASS OF WINTERVILLE.	12.4	239805	196180	T		C 43625																						
PITT	TRN																													
UNDER CONSTRUCTION																														
VARIOUS	R-5782	DIVISION 2 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		416	416																									
BEAUFORT	DIV																													
CARTERET																														
CRAVEN																														
GREENE																														
JONES																														
LENOIR																														
PAMLICO																														
PITT																														
UNDER CONSTRUCTION																														
URBAN PROJECTS																														
US 13 (MEMORIAL DRIVE)	U-5730	NC 43 (5TH STREET). UPGRADE INTERSECTION.		2350	150	T		R 200																						
PITT	REG					T		C 2000																						
PLANNING/DESIGN IN PROGRESS																														
NC 43	U-5991	SR 1708 (FIRETOWER ROAD) TO SR 1711 (WORTHINGTON ROAD). WIDEN TO MULTI-LANES.	3.2	30200		T								R 5000																
						T								U 600																
						T																								
PITT	DIV																C 6150		C 6150		C 6150		C 6150							
NC 102	U-5953	AYDEN ELEMENTARY SCHOOL. CONSTRUCT RIGHT TURN LANE.	1	500		T				R 100																				
						T				U 100																				
						T											C 300													
PITT	REG																													

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA 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				
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS				
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027					
<b>URBAN PROJECTS</b>																					
SR 1126 (BOYD STREET) PITT	U-5919  DIV	NC 11 TO RAILROAD STREET. UPGRADE ROADWAY.	0.4	1710	1710																
UNDER CONSTRUCTION																					
SR 1203 (ALLEN ROAD)  PITT	U-5875  DIV	SR 1467 (STANTONSBURG ROAD) TO US 13 (DICKINSON AVENUE EXTENSION). WIDEN TO MULTI-LANES.	2.3	20432	1000	T				R	1777										
						T				U	213										
						T						C	5814		C	5814					
PLANNING/DESIGN IN PROGRESS																					
SR 1467 (STANTONSBURG ROAD)/ SR 1598 (TENTH STREET CONNECTOR) PITT	U-3315  TRN	US 13/NC11 (MEMORIAL DRIVE) TO SR 1702 (EVANS STREET) IN GREENVILLE. CONSTRUCT MULTI-LANES, SOME NEW LOCATION WITH GRADE SEPARATION AT CSX TRANSPORTATION SYSTEM.	1.2	69808	69808																
UNDER CONSTRUCTION																					
SR 1598 (DICKINSON AVENUE) PITT	U-5606  DIV	NC 11 TO READE CIRCLE. IMPROVE ROADWAY.	1.3	12054	3554	STBG	C	8500													
RIGHT OF WAY IN PROGRESS																					
SR 1700 (EVANS STREET/ OLD TAR ROAD) PITT	U-2817  DIV	SR 1711 (WORTHINGTON ROAD) IN WINTERVILLE TO US 264 ALTERNATE (GREENVILLE BOULEVARD) IN GREENVILLE. WIDEN TO MULTI-LANES.	3.8	53606	4166	STBG				R	6420		R	6420							
						STBG				U	1150		U	1150							
						STBG						C	8575		C	8575					
PLANNING/DESIGN IN PROGRESS																					
SR 1704 (FOURTEENTH STREET) PITT	U-5917  DIV	US 264 ALTERNATE (GREENVILLE BOULEVARD) TO SR 1708 (FIRETOWER ROAD). WIDEN TO MULTI-LANES.	1.4	12610	575	T				R	1658		R	1657							
						T				U	398										
						T						C	2774		C	2774					

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project



**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

ROUTE/CITY COUNTY		ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS															UNFUNDED
							FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS				
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027						
URBAN PROJECTS																						
SR 1708 (FIRETOWER ROAD) PITT		U-5870 DIV	SR 1704 (FOURTEENTH STREET) TO NC 33 (EAST 10TH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES.	2.2	24206	450	T	R	6200													
							T			C	5852		C	5852		C	5852					
PLANNING/DESIGN IN PROGRESS																						
SR 1708 (FIRETOWER ROAD) PITT		U-5785 DIV	NC 43 (CHARLES BOULEVARD) TO SR 1704 (FOURTEENTH STREET) IN GREENVILLE. WIDEN TO MULTI-LANES.	0.6	7233	1000	T	R	1673													
							T			C	1520		C	1520		C	1520					
PLANNING/DESIGN IN PROGRESS																						
SR 1713 (LAURIE ELLIS ROAD) PITT		U-5921 DIV	NC 11 TO SR 1149 (MILL STREET). CONSTRUCT CONNECTOR ON NEW LOCATION.	0.3	1543	1543																
UNDER CONSTRUCTION																						
GREENVILLE PITT		U-5952 REG	GREENVILLE SIGNAL SYSTEM.	25	8573		STBG									U	100					
							STBG										C	8473				
BRIDGE PROJECTS																						
US 13 PITT		B-4786 REG	REPLACE BRIDGE 730038 OVER TAR RIVER.		9330	330	NHPB	R	1000													
							NHPB			C	2667		C	2667		C	2666					
BRIDGE PURCHASE ORDER CONTRACT (DPOC): UNDER CONSTRUCTION																						
NC 33 PITT		B-5418 REG	REPLACE BRIDGE 730050 OVER JOHNSON MILL RUN.		1267	1267																
BRIDGE PURCHASE ORDER CONTRACT (DPOC): UNDER CONSTRUCTION																						
SR 1715 (JACK JONES ROAD) PITT		B-4603 DIV	REPLACE BRIDGE 730029 OVER FORK SWAMP.		1134	144	STPOFF			R	90											
							STPOFF						C	900								

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
ROUTE/CITY			ID	LENGTH	TOTAL PROJ COST	PRIOR YEARS COST	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER	LOCATION / DESCRIPTION	(Miles)	(THOU)	(THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
BRIDGE PROJECTS																	
VARIOUS	BD-5102	DIVISION 2 PURCHASE ORDER CONTRACT		12451	12451												
BEAUFORT	DIV	BRIDGE REPLACEMENT PROJECTS AT															
CARTERET		SELECTED LOCATIONS.															
CRAVEN																	
GREENE																	
JONES																	
LENOIR																	
PAMLICO																	
PITT																	
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																	
GREENVILLE	B-5100	REPLACE BRIDGE 730421 OVER MEETING		1096	1096												
(KING GEORGE		HOUSE BRANCH.															
ROAD)																	
PITT	DIV																
CITY OF GREENVILLE - MUNICIPAL BRIDGE: UNDER CONSTRUCTION																	
MITIGATION PROJECTS																	
VARIOUS	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM		755	755												
BEAUFORT		FOR DIVISION 2 PROJECT MITIGATION.															
CARTERET																	
CRAVEN																	
GREENE																	
JONES																	
LENOIR																	
PAMLICO																	
PITT																	
IN PROGRESS																	

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																				
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH	TOTAL	PRIOR	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED			
COUNTY		NUMBER		(Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS		
HIGHWAY SAFETY PROJECTS																				
VARIOUS		W-5202	DIVISION 2 RUMBLE STRIPS, GUARDRAIL,		9378	9378														
BEAUFORT		REG	SAFETY AND LIGHTING IMPROVEMENTS AT																	
CARTERET			SELECTED LOCATIONS.																	
CRAVEN																				
GREENE																				
JONES																				
LENOIR																				
PAMLICO																				
PITT																				
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS																				
VARIOUS		W-5702	SAFETY IMPROVEMENTS AT VARIOUS		1548	848		HSIP	R	30	DIV									
			LOCATIONS IN DIVISION 2.					HSIP	C	180	DIV									
								HSIP	R	30	RE									
								HSIP	C	180	RE									
								HSIP	R	40	SW									
								HSIP	C	240	SW									
BEAUFORT							DIV	DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.											
CARTERET							REG	REG	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.											
CRAVEN							SW	SW	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.											
GREENE																				
JONES																				
LENOIR																				
PAMLICO																				
PITT																				
IN PROGRESS																				

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH	TOTAL	PRIOR		STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER		(Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
AVIATION PROJECTS																	
PITT - GREENVILLE AIRPORT (PGV) PITT	AV-5861 REG	CONSTRUCT VISUAL NAVAIDS.		352		L T										C 52 C 300	
PITT-GREENVILLE AIRPORT (PGV) PITT	AV-5810 REG	T-HANGAR SITE PREPARATION AND ACCESS ROAD.		630		O T										C 330 C 300	
OTHER FUNDS ARE AIRPORT FUNDS																	
PITT-GREENVILLE AIRPORT (PGV) PITT	AV-5864 REG	AIRFIELD DRAINAGE IMPROVEMENTS.		750		L T										C 450 C 300	
PITT-GREENVILLE AIRPORT (PGV) PITT	AV-5865 REG	CONSTRUCT AIRFIELD EMERGENCY ACCESS ROAD.		660		L T										C 360 C 300	
PITT-GREENVILLE AIRPORT (PGV) PITT	AV-5807 REG	APRON EXPANSION - DESIGN AND CONSTRUCTION FOR AIR CARRIER RAMP.		300		T							C 300				
BICYCLE AND PEDESTRIAN PROJECTS																	
GREENVILLE PITT	EB-5618 TRN	PROVIDE PEDESTRIAN CROSSWALK IMPROVEMENTS AT MULTIPLE INTERSECTIONS.	1	750	750												
UNDER CONSTRUCTION BY CITY OF GREENVILLE																	
GREENVILLE PITT	EB-4996 TRN	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK. CONSTRUCT GREENWAY.		1631	1631												
UNDER CONSTRUCTION																	
GREENVILLE PITT	EB-5539 TRN	SOUTH TAR RIVER GREENWAY. PHASE 3: PITT STREET TO NASH STREET. CONSTRUCT GREENWAY USING EXISTING SIDEWALKS, ROADS AND ON NEW LOCATION ALONG THE RIVER.		2693	965	DP L TAP	C 660 C 165 C 903										
GREENVILLE PITT	EB-5846 DIV	TOWN COMMON AT SR 1531 (GREENE STREET) TO RIVER PARK NORTH. CONSTRUCT GREENWAY.	1.09	2520		L L TAP TAP							R 4 R 16 C 500 C 2000				

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED				
COUNTY	NUMBER						STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					FUTURE YEARS			
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027				
<b><u>BICYCLE AND PEDESTRIAN PROJECTS</u></b>																					
GREENVILLE	EB-5847		SR 1149 (MILL STREET), SR 1133 (MAIN STREET) TO SR 1126 (BOYD STREET). CONSTRUCT SIDEWALK.	0.5	230		L														
							L														
							TAP														
							TAP														
PITT	DIV																				
<b><u>FERRY PROJECTS</u></b>																					
VARIOUS	F-5703		REPLACEMENT VESSEL (SUPPORT FLEET)		10745		T				C	10745									
BEAUFORT	DIV		FOR TUGS AND BARGES																		
BERTIE																					
BRUNSWICK																					
CAMDEN																					
CARTERET																					
CHOWAN																					
CRAVEN																					
CURRITUCK																					
DARE																					
DUPLIN																					
GATES																					
GREENE																					
HERTFORD																					
HYDE																					
JONES																					
LENOIR																					
MARTIN																					
NEW HANOVER																					
NORTHAMPTON																					
ONSLow																					
PAMLICO																					
PASQUOTANK																					
PENDER																					
PERQUIMANS																					
PITT																					
SAMPSON																					
TYRRELL																					
WASHINGTON																					

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
NON HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																		
GREENVILLE AREA TRANSIT	TA-4965	REPLACEMENT BUS		4330	1650	FBUS												
						FUZ	CP	2144										
						L	CP	268										
						S	CP	268										
PITT	HF																	
GREENVILLE AREA TRANSIT	TA-5190	PURCHASE OF TWO 35' REPLACEMENT HYBRID BUSES		1300	1300	FUZ												
PITT	HF					L												
FUNDS AUTHORIZED IN PROGRESS																		
GREENVILLE AREA TRANSIT	TD-4716	FACILITY - INTERMODAL CENTER - LAND, PLANNING, DESIGN, CONSTRUCTION		8100	8100	FBUS												
						FUZ												
						L												
						S												
PITT	HF																	
GREENVILLE AREA TRANSIT	TG-4767	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC		7738	4160	FUZ	CP	464	CP	475	CP	481	CP	481	CP	481	CP	481
PITT	HF					L	CP	116	CP	119	CP	120	CP	120	CP	120	CP	120
FUNDS AUTHORIZED IN PROGRESS																		
GREENVILLE AREA TRANSIT	TG-5107B	PREVENTIVE MAINTENANCE		8717	4620	FUZ	O	552	O	566	O	540	O	540	O	540	O	540
PITT	HF					L	O	138	O	141	O	135	O	135	O	135	O	135
FUNDS AUTHORIZED IN PROGRESS																		
GREENVILLE AREA TRANSIT	TG-5107C	OPERATING ASSISTANCE - ADA PARATRANSIT SERVICE		2334	1281	FUZ	O	179	O	183	O	120	O	120	O	120	O	120
PITT	HF					L	O	45	O	46	O	30	O	30	O	30	O	30
FUNDS AUTHORIZED IN PROGRESS																		
GREENVILLE AREA TRANSIT	TO-4726	OPERATING ASSISTANCE		18975	10821	FUZ	O	690	O	540	O	540	O	540	O	540	O	540
						L	O	367	O	540	O	540	O	540	O	540	O	540
						SMAP	O	322	O	275	O	275	O	275	O	275	O	275
PITT	HF																	
FUNDS AUTHORIZED IN PROGRESS																		

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

						TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																
			TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)		STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED	
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)		FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS						
<u>PUBLIC TRANSPORTATION PROJECTS</u>																						
GREENVILLE AREA TRANSIT	TP-5107	PLANNING ASSISTANCE - 5303		461	263	FMPL	PL	27	PL	27	PL	27	PL	27	PL	27	PL	27				
						L	PL	3	PL	3	PL	3	PL	3	PL	3	PL	3				
						S	PL	3	PL	3	PL	3	PL	3	PL	3	PL	3				
PITT	HF																					
FUNDS AUTHORIZED IN PROGRESS																						
GREENVILLE AREA TRANSIT	TP-5107A	PLANNING ASSISTANCE - 5 YEAR PLAN		200	100	FUZ	CP	80														
						L	CP	10														
						S	CP	10														
PITT	HF																					
FUNDS AUTHORIZED IN PROGRESS																						
GREENVILLE AREA TRANSIT	TS-5112	SAFETY & SECURITY		177	132	FUZ	CP	15	CP	15	CP	15										
PITT	HF																					
FUNDS AUTHORIZED IN PROGRESS																						

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

**STATEWIDE PROJECTS  
HIGHWAY PROGRAM**

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED		
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS		
<b>INTERSTATE PROJECTS</b>																			
VARIOUS	I-9999	INTERSTATE MAINTENANCE BALANCE.		306960		NHPIM	C	5000		C	5000		C	5000		C	5000		
STATEWIDE	SW																		
<b>RURAL PROJECTS</b>																			
VARIOUS	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		2750	250	T		R	250		R	250		R	250		R	250	
STATEWIDE	DIV																		
VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		4808	2308	T		PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV
						T		PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE
						T		PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW
STATEWIDE	SW					DIV	DIV	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS											
						REG	REG	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS											
						SW	SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS											
VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		7130	2130	T		PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV
						T		PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE
						T		PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW
STATEWIDE						DIV	DIV	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						REG	REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						SW	SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		4280	2680	T		PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV
						T		PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE
						T		PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW
STATEWIDE						DIV	DIV	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						REG	REG	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						SW	SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
IN PROGRESS																			
VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T		PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV
						T		PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE
						T		PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW
STATEWIDE						DIV	DIV	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						REG	REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
						SW	SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.											
IN PROGRESS																			

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
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## STATEWIDE PROJECTS HIGHWAY PROGRAM

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH	TOTAL	PRIOR		STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
COUNTY	NUMBER		(Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS				
RURAL PROJECTS																					
VARIOUS	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		600	300		T	PE	100	DIV											
							T	PE	100	RE											
							T	PE	100	SW											
STATEWIDE							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	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21257	12167		T	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	360	DIV		
							T	PE	270	RE	PE	270	RE	PE	270	RE	PE	360	RE		
							T	PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW		
STATEWIDE							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	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		23328	13328		T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV		
							T	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE		
							T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW		
STATEWIDE							DIV	DIV	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.												
							REG	REG	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.												
							SW	SW	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.												
IN PROGRESS																					
VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398																
STATEWIDE																					
IN PROGRESS																					
VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523																
STATEWIDE																					
IN PROGRESS																					
VARIOUS	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.																			
STATEWIDE							EX														
PROGRAM IN PROGRESS																					

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## STATEWIDE PROJECTS HIGHWAY PROGRAM

							TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS															
ROUTE/CITY	ID		LENGTH	TOTAL PROJ COST	PRIOR YEARS COST		STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED				
COUNTY	NUMBER	LOCATION / DESCRIPTION	(Miles)	(THOU)	(THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS					
<b>RURAL PROJECTS</b>																						
VARIOUS	R-4073	ASPHALT MATERIALS TESTING		20305	20305																	
STATEWIDE		LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.																				
IN PROGRESS																						
VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT		158759	158759																	
STATEWIDE		MANAGEMENT, 511, SMARTLINK, TEC, TMC).																				
IN PROGRESS																						
VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.	67523	37523			STBG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV			
							STBG	C	900	RE	C	900	RE	C	900	RE	C	900	RE			
							STBG	C	1200	SW	C	1200	SW	C	1200	SW	C	1200	SW			
STATEWIDE																						
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	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.	82759	72759			NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV
							NHP	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE
							NHP	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
							T	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE
							T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW
STATEWIDE																						
DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION.																						
REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION.																						
SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION.																						
IN PROGRESS																						
<b>URBAN PROJECTS</b>																						
VARIOUS	M-0505	TRANSPORTATION PROGRAM		3300	300		T	PE	300	PE	300	PE	300	PE	300	PE	300	PE	300	PE	300	PE
STATEWIDE	DIV	MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.																				
IN PROGRESS																						
<b>FEASIBILITY STUDIES</b>																						
VARIOUS	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.	3064	1064			T	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE	200	PE
STATEWIDE	SW																					

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## STATEWIDE PROJECTS HIGHWAY PROGRAM

								TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH	TOTAL	PRIOR	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED	
COUNTY	NUMBER		(Miles)	COST	COST	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS	
BRIDGE PROJECTS																						
VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		339692	229692	STBG	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	
						STBG	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	
						STBG	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	
STATEWIDE						DIV	DIV BRIDGE INSPECTION PROGRAM.															
						REG	REG BRIDGE INSPECTION PROGRAM.															
						SW	SW BRIDGE INSPECTION PROGRAM.															
IN PROGRESS																						
VARIOUS	BK-5102	BRIDGE PAINTING AT 19 SELECTED		2027	2027																	
STATEWIDE	DIV	LOCATIONS.																				
IN PROGRESS																						
VARIOUS	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF		1000	1000																	
STATEWIDE	REG	WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.																				
IN PROGRESS																						
VARIOUS	BK-5131	BRIDGE PRESERVATION AT SELECTED		1500	1500																	
STATEWIDE	DIV	LOCATIONS.																				
UNDER CONSTRUCTION																						
VARIOUS	BK-5101	DECK PRESERVATION AT 15 SELECTED		7747	7747																	
STATEWIDE	DIV	LOCATIONS.																				
UNDER CONSTRUCTION																						
VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000																	
STATEWIDE	DIV																					
IN PROGRESS																						
VARIOUS	BP-5500	BRIDGE PRESERVATION ISSUES AT		23151	23151																	
STATEWIDE		SELECTED SITES.				DIV	DIV BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
						REG	REG BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
						SW	SW BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
IN PROGRESS																						
VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH,		5860	5860																	
STATEWIDE	DIV	DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)																				
UNDER CONSTRUCTION																						

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**STATEWIDE PROJECTS  
HIGHWAY PROGRAM**

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS													
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED					
COUNTY	NUMBER							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS					
BRIDGE PROJECTS																							
VARIOUS	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.	3100	3100																			
STATEWIDE	DIV																						
IN PROGRESS																							
HIGHWAY SAFETY PROJECTS																							
VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.	223850		HSIP	C	3600	DIV	C	6750	DIV	C	7035	DIV	C	7110	DIV	C	7110	DIV			
			HSIP	C	3600	RE	C	6750	RE	C	7035	RE	C	7110	RE	C	7110	RE	C	7110	RE		
					HSIP	C	4800	SW	C	9000	SW	C	9380	SW	C	9480	SW	C	9480	SW			
STATEWIDE					DIV	DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
					REG	REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
					SW	SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
IN PROGRESS																							
VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.	6608	6608																			
STATEWIDE					DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																
					REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																
					SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																
IN PROGRESS																							
VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	71601	16601	HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV			
			HSIP	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE		
					HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW			
STATEWIDE					DIV	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
					REG	REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
					SW	SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
IN PROGRESS																							
VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	180736	82736	HSIP	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV			
			HSIP	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV		
					HSIP	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE			
					HSIP	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE			
					HSIP	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW			
					HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW			
STATEWIDE					DIV	DIV	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.																
					REG	REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.																
					SW	SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATEWIDE CATEGORY.																
IN PROGRESS																							

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## STATEWIDE PROJECTS HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED
COUNTY		NUMBER								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS								
HIGHWAY SAFETY PROJECTS																												
VARIOUS		W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		17000	2000		HSIP	C	450	DIV	C	450	DIV	C	450	DIV	C	450	DIV								
								HSIP	C	450	RE	C	450	RE	C	450	RE	C	450	RE								
								HSIP	C	600	SW	C	600	SW	C	600	SW	C	600	SW								
STATEWIDE								DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.																		
								REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.																		
								SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.																		
IN PROGRESS																												
VARIOUS		W-5508	HIGHWAY SYSTEM DATA COLLECTION.		1500	1500																						
STATEWIDE			TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.																									
CONGESTION MITIGATION PROJECTS																												
VARIOUS		C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		5922		CMAQ	PE	235		PE	239																
							L	PE	59		PE	60																
							CMAQ	R	235		R	239																
							L	R	59		R	60																
							CMAQ	C	1407		C	1433																
							L	C	352		C	358																
							CMAQ	O	235		O	239																
							L	O	59		O	60																
							CMAQ	I	235		I	239																
							L	I	59		I	60																
STATEWIDE								EX																				
VARIOUS		C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM.		6702	6702																						
STATEWIDE		EX	UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.																									
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																												

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

## STATEWIDE PROJECTS HIGHWAY PROGRAM

		TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED		
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022							FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
CONGESTION MITIGATION PROJECTS																							
VARIOUS	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		60260	18379	CMAQ	PE	1634		PE	1664												
						S(M)	PE	408		PE	416												
						CMAQ	R	1634		R	1664												
						S(M)	R	408		R	416												
						CMAQ	C	9803		C	9983												
						S(M)	C	2451		C	2496												
						CMAQ	O	1634		O	1664												
						S(M)	O	408		O	416												
						CMAQ	I	1634		I	1664												
						S(M)	I	408		I	416												
						S(M)	I	327		I	333												
STATEWIDE	EX																						
VARIOUS	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		4869	2994	CMAQ	OT	1500	C														
						L	OT	375	C														
STATEWIDE	EX					EX	A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS															
						EX	B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS															
						EX	C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.															
NORTH CAROLINA STATE UNIVERSITY STATEWIDE	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694																		
	EX					EX	A	PHASE 2 OF IMPLEMENTATION															
IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																							
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500																		
	EX																						
IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																							
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			
STATEWIDE	EX																						

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## STATEWIDE PROJECTS HIGHWAY PROGRAM

															TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED					
COUNTY	NUMBER	FY 2018			FY 2019	FY 2020		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																		
ENHANCEMENT (ROADSIDE PROJECTS)																																	
VARIOUS	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.	42182	2182	STBG	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV				
					STBG	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE				
					STBG	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW				
STATEWIDE					DIV DIV VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - DIVISION CATEGORY. - IN PROGRESS																												
					REG REG VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - REGIONAL CATEGORY. - IN PROGRESS																												
					SW SW VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - STATEWIDE CATEGORY. - IN PROGRESS																												
IN PROGRESS																																	
VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.	1312	612	T		PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV			
					T		PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE			
					T		PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW			
STATEWIDE					DIV DIV STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
					REG REG STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
					SW SW STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																												
SAFE ROUTES TO SCHOOLS PROJECTS																																	
VARIOUS	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM.	13519	13519																													
STATEWIDE	DIV	PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.																															
IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																																	
VARIOUS	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM.	6435	6435																													
STATEWIDE	DIV	EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.																															
IN PROGRESS																																	

DIV - Division Category	EX - Exempt Category
HF - State Dollars (Non STI)	REG - Regional Category
SW - Statewide Category	TRN - Transition Project

## STATEWIDE PROJECTS NON HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED
COUNTY	NUMBER	FY 2018			FY 2019	FY 2020		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS													
BICYCLE AND PEDESTRIAN PROJECTS																												
VARIOUS	E-4018	NATIONAL RECREATIONAL TRAILS.		12645	645	TAP	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200								
STATEWIDE	DIV																											
IN PROGRESS																												
VARIOUS	EB-3314	STATEWIDE PEDESTRIAN FACILITIES		6476	6476																							
STATEWIDE	TRN	PROGRAM.																										
UNDER CONSTRUCTION																												
VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE																										
STATEWIDE		SAFETY ON STATE AND LOCAL																										
		DESIGNATED BIKE ROUTES.																										
IN PROGRESS																												
VARIOUS	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN		11503	1503	STBG	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000								
STATEWIDE	DIV	PROGRAM.																										
VARIOUS	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN		25408	25408																							
STATEWIDE	TRN	HIGHWAY DIVISIONS.																										
IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E																												
PUBLIC TRANSPORTATION PROJECTS																												
GREYHOUND LINES	TI-6108	INTERCITY BUS SERVICE FROM RALEIGH TO		4081	4081	FNU																						
		JACKSONVILLE VIA WILMINGTON ALONG US				L																						
STATEWIDE	HF	70, US 117, AND US 17 AND FROM																										
		JACKSONVILLE TO MYRTLE BEACH VIA																										
		WILMINGTON ALONG US 17																										
GREYHOUND LINES	TI-6105	INTERCITY BUS SERVICE FROM RALEIGH TO		1402	1402	FNF																						
		NORFOLK ALONG US 64 AND US 258 WITH				L																						
STATEWIDE	HF	STOPS AT RALEIGH, ROCKY MOUNT,																										
		AHOSKIE, AND SUFFOLK																										
GREYHOUND LINES	TI-6106	INTERCITY BUS SERVICE FROM RALEIGH TO		1592	1592	FNU																						
		WILMINGTON ALONG US 70 AND US 117																										
STATEWIDE	HF	WITH STOPS AT RALEIGH, SMITHFIELD,																										
		GOLDSBORO, WALLACE, AND WILMINGTON																										
GREYHOUND LINES	TI-6107	INTERCITY BUS SERVICE FROM RALEIGH TO		1910	1910	FNU																						
		JACKSONVILLE ALONG US 70 AND US 17																										
STATEWIDE	HF	WITH STOPS AT RALEIGH, SMITHFIELD,																										
		GOLDSBORO, KINSTON, AND NEW BERN																										

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# STATEWIDE PROJECTS NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
ROUTE/CITY		ID	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED	
COUNTY	NUMBER	LOCATION / DESCRIPTION		FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
PUBLIC TRANSPORTATION PROJECTS																		
NCDOT FERRY DIVISION	TA-6535	CAPITAL		789	789	FNF												
STATEWIDE	HF					S												
REGIONAL COORDINATED AREA TRANSPORTION																		
STATEWIDE	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	5579	FSPR	CP	600	CP	600	CP	600						
						S	CP	150	CP	120	CP	120						
FUNDS AUTHORIZED IN PROGRESS																		
REGIONAL COORDINATED AREA TRANSPORTION	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH												
STATEWIDE	HF																	
STATEWIDE																		
	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		18676	11823	FNU	CP	4262										
						L	CP	620										
STATEWIDE	HF					S	CP	1971										
FUNDS AUTHORIZED IN PROGRESS																		
STATEWIDE	TA-6666	PURCHASE REPLACEMENT VEHICLES		3735	1527	FBUS	CP	1806										
						L	CP	201										
STATEWIDE	HF					S	CP	201										
FUNDS AUTHORIZED IN PROGRESS																		
STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON- PROFIT AGENCIES ACROSS THE STATE		443	443	FNF												
STATEWIDE	HF																	
STATEWIDE																		
	TC-5004	5311 ADTAP CAPITAL PROJECTS FOR RURAL AREAS		5129	2310	ADTAP	CP	2264										
						L	CP	278										
STATEWIDE	HF					S	CP	277										
FUNDS AUTHORIZED IN PROGRESS																		
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L												
						S												
STATEWIDE	HF																	
FUNDS AUTHORIZED IN PROGRESS																		

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## STATEWIDE PROJECTS NON HIGHWAY PROGRAM

ROUTE/CITY COUNTY		ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED FUTURE YEARS				
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM									
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027				
PUBLIC TRANSPORTATION PROJECTS																					
STATEWIDE	TI-6109	INTERCITY BUS SERVICE			9043	9043	FNU														
							L														
							S														
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TK-6181	5311 ADMINISTRATIVE PROJECTS FOR RURAL AREAS			35682	17973	FNU	AD	13423												
							L	AD	2630												
							S	AD	1656												
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM			561	330	ADTAP	AD	231												
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TK-4900Z	STATE ADMINISTRATION - RURAL AREA GENERAL PUBLIC TRANSIT SERVICES			19423	12180	FNU	AD	1743	AD	1100	AD	1100	AD	1100	AD	1100				
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE			350	350	JARC														
							L														
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS			4293	4293	FNU														
							L														
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311			3710	3710	FNU														
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					
STATEWIDE	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS			7551	3226	FEPD	CP	3459												
							L	CP	433												
							S	CP	433												
STATEWIDE	HF																				
FUNDS AUTHORIZED IN PROGRESS																					

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## STATEWIDE PROJECTS NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																	
ROUTE/CITY	ID	LOCATION / DESCRIPTION	LENGTH	TOTAL	PRIOR	STATE TRANSPORTATION PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED
COUNTY	NUMBER		(Miles)	PROJ COST (THOU)	YEARS COST (THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE	TQ-9039	5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS		657	657	FEPD											
						L											
						S											
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
STATEWIDE	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		8670	4208	FEPD	O	2231									
						L	O	2231									
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
STATEWIDE	TS-7000	DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO											
STATEWIDE	HF																
STATEWIDE	TS-4900Z	STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT)		2285	1873	RTAP	AD	412									
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
STATEWIDE	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF											
						S											
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	4092	JARC	AD	500		AD	500		AD	500			
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3184	FNF	AD	386		AD	350		AD	350			
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	
SUB REGIONAL	TV-4903	STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)		9749	5930	FEPD	AD	569		AD	650		AD	650		AD	650
STATEWIDE	HF																
FUNDS AUTHORIZED IN PROGRESS																	

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# STATEWIDE PROJECTS NON HIGHWAY PROGRAM

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																													
ROUTE/CITY		ID	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED											
COUNTY	NUMBER	FY 2018FY 2019FY 2020FY 2021FY 2022										FY 2023FY 2024FY 2025FY 2026FY 2027										FUTURE YEARS																	
PASSENGER RAIL PROJECTS																																							
VARIOUS		P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		12001	2001		T	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV							
								T	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE							
								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							
STATEWIDE								DIV	DIV	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
								REG	REG	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
								SW	SW	STATEWIDE RAIL PRELIMINARY ENGINEERING																													
VARIOUS		Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31087	1087		RR	R	500		R	500		R	500		R	500		R	500		R	500		R	500		R	500								
								RR	C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500		C	2500								
STATEWIDE		DIV																																					
								IN PROGRESS																															
VARIOUS		Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		23316	23316																																	
STATEWIDE		DIV																																					
								IN PROGRESS																															
VARIOUS		Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		17500			RR																															
								RR																															
STATEWIDE		DIV																																					
VARIOUS		Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7404	404		RR	R	500		R	500																										
								RR	C	3000		C	3000																										
STATEWIDE		DIV																																					
								IN PROGRESS																															
VARIOUS		Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		10500			RR				R	500		R	500		R	500																				
								RR				C	3000		C	3000		C	3000																				
STATEWIDE		DIV																																					
NORTH CAROLINA RAILROAD STATEWIDE		C-5571 EX	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456																																	
								IN PROGRESS																															

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HF - State Dollars (Non STI)	REG - Regional Category
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**RESOLUTION NO. 2017-01-GUAMPO**  
**ADOPTING THE GREENVILLE URBAN AREA METROPOLITAN PLANNING**  
**ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2018-2027**

WHEREAS, the Transportation Advisory Committee for the Greenville Urban Area has found that the Greenville Urban Area 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 Transportation Advisory Committee has found the Metropolitan Transportation Improvement Program to be in full compliance with title VI of the 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. 794; and

WHEREAS, the Transportation Advisory Committee has considered how the Metropolitan Transportation Improvement Program will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); and

WHEREAS, the Transportation Advisory Committee has considered how the Metropolitan Transportation Improvement Program will affect the elderly and disabled per the provision 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

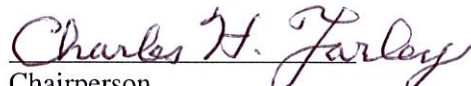
WHEREAS, the Metropolitan Transportation Plan (MTP) has a planning horizon year of 2040, and meets all the requirements of an adequate MTP; and

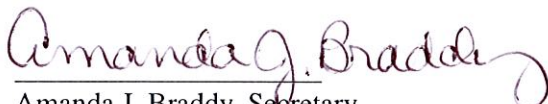
WHEREAS, the Transportation Advisory Committee (TAC) has provided for a formal 30-day public comment period for the proposed Transportation Improvement Program; and

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comments; and

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area adopts the FY 2018-2027 Transportation Improvement Program for the Greenville Urban Area Metropolitan Planning Organization.

This 23<sup>rd</sup> day of August 2017

  
Chairperson  
Transportation Advisory Committee  
Greenville Urban Area MPO

  
Amanda J. Braddy, Secretary

**METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FOR FY 2018-2027**

WHEREAS, the City of Greenville Urban Area Metropolitan Planning Organization has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and

WHEREAS, the Transportation Advisory Committee has reviewed the FY 2018-2027 Metropolitan Transportation Improvement Program (MTIP) and found the need to amend said document for projects identified below; and

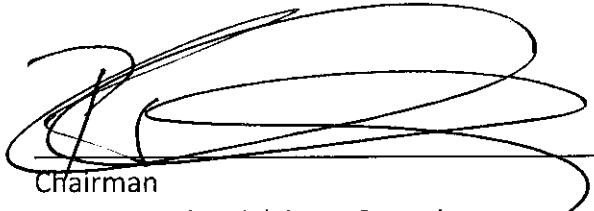
WHEREAS, the following amendment has been proposed for Federal, and State, and/or local funds:

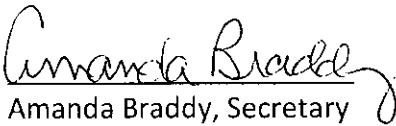
[illegible]

<b>PROJECT DELETIONS: FOLLOWING PROJECTS TO BE DELETED FROM TIP.</b>												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2018	FY 2019	FY 2020	FY 20 21	FY 20 22	F Y 20 23	F Y 20 24	F Y 20 25	F Y 20 26	FY 2027
<b>U-5953 NC 102, Ayden Elementary School Construct Right Turn Lane</b>												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2018	FY 2019	FY 2020	FY 20 21	FY 20 22	F Y 20 23	F Y 20 24	F Y 20 25	F Y 20 26	FY 2027
500		T		(R/U) 200	(Const.) 300							

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area Metropolitan Planning Organization resolves to adopt the above referenced modifications to the 2018-2027 Metropolitan Transportation Improvement Program (MTIP) in conformance with the North Carolina State Transportation Improvement Program (STIP).

Today, February 27, 2018.

  
 Chairman  
 Transportation Advisory Committee,  
 Greenville Urban Area MPO

  
 Amanda Braddy, Secretary