#### BURLINGTON – GRAHAM METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION ADVISORY COMMITTEE

#### TUESDAY, JANUARY 25, 2021 5PM

The meeting will be held remotely via WebEx

Meeting Information Dial in: (408-418-9388) Meeting number: 132 305 7775 Password: 82201252

Any member of the general public who wishes to make public comment should send an email to <u>comments@burlingtonnc.gov</u> or (336) 513-5418 by 12:00 p.m., noon, Monday, January 25, 2021 and the comment will be read during the public comment portion of the meeting

#### **AGENDA**

#### 1) Call to Order

#### - Welcome

- Introduction of new TAC members Steve Carter, Alamance County
- Roll Call Attendance
- Changes to Agenda / Add On Items
- Speakers from the Floor 3 minutes per speaker
- NC Ethics Statement for TAC members

#### 2) Approval of Minutes from October 20, 2020 TAC Meeting

#### 3) Election of TAC Officers for 2021

**INFORMATION:** Per the BGMPO bylaws, the TAC shall elect a Chair and Vice Chair during the first meeting of each calendar year. All voting members of the TAC are eligible to hold an elected office for a one-year term.

**RECOMMENDATION/ACTION:** 1) Elect Chair and Vice-Chair

#### 4) Approval of 2021 TAC Meeting Calendar

**INFORMATION**: Staff requests approval of the draft TAC 2021 meeting calendar.

**<u>RECOMMENDATION/ACTION:</u>** 1) Receive information and discuss; 2) Approve the 2021 TAC Meeting Calendar.

#### 5) Draft FY22 Unified Planning Work Program (UPWP)

**INFORMATION**: The Unified Planning Work Program (UPWP) for the Burlington-Graham Metropolitan Planning Area is federally required and outlines all major transportation planning and related activities within the BGMPO Urban Area for the upcoming fiscal year (July 1, 2021 – June 30, 2022). While it is the mission of the BGMPO to complete work tasks within a fiscal year, projects may span fiscal years and therefore carried forward until completed. Implementation of UPWP work tasks are funded with Federal PL funds received

Wannetta Mallette

Chair

Chair

Chair

Chair

through a PL104 planning grant from the Federal Highway Administration (FHWA), North Carolina Department of Transportation and Section 5303 and 5307 Transit Planning Funds from the Federal Transit Administration (FTA). The federal government requires MPO's to certify their transportation planning processes on an annual basis as part of the UPWP approval process.

**<u>RECOMMENDATION/ACTION</u>**: 1) Receive the FY22 Draft UPWP as information and discuss; 2) Release draft FY22 UPWP for a 30-day public review period.

#### 6) FY 2020-2024 TIP and 2045 MTP Amendments

#### Wannetta Mallette

**INFORMATION**: The BGMPO Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) consists of projects that have been amended in the NCDOT 2020 - 2029 State Transportation Improvement Program (STIP) as a result of STIP reprogramming. As the adopted Metropolitan Transportation Improvement Program (TIP) is a subset of the STIP, the TIP and MTP are in need of amendment to align with state and federally funded transportation projects within the BGMPO urban area. At its October 2020 meeting, the TAC approved releasing the amended TIP for public review and scheduled public hearing at its January 19, 2021 meeting.

**<u>RECOMMENDATION/ACTION:</u>** 1) Receive information and discuss; 2) Approve the amended TIP and 2045 MTP by resolution.

#### 7) NCDOT Traffic Safety Unit Presentation Brian Mayhew, State Traffic Safety Engineer

**INFORMATION:** At its October 2020 meeting, the TCC and TAC approved the MPO Highway Safety Program with the goals to reduce transportation related fatalities and serious injuries in alignment with the state goal of achieving Vision Zero by 2050. As the MPO is required to integrate performance measures and targets into their transportation planning processes, the TCC requested additional information as to the progress NCDOT is making towards meeting its performance targets. Since that time, staff coordinated with NCDOT's Traffic Safety Unit, specifically in areas of data sharing, safety tools development, and shared safety project implementation. Representatives from the Traffic Safety Unit will present an overview of performance measures target setting and programs and projects designed to improve safety on North Carolina's roadways.

**<u>RECOMMENDATION/ACTION:</u>** 1) Receive information and discuss

#### Agenda Items #8 Tabled from October 20, 2020 TAC meeting

#### 8) MPO Transportation Performance Measures and Targets Wannetta Mallette

**INFORMATION:** The MAP-21 final rule established the framework for States and MPOs to integrate performance measures and targets into their transportation planning processes. The MPO is required to set and show demonstrable progress towards meeting the performance targets and reflect those targets in their MTPs and MPO Planning Agreements with transit agencies, DOTs and planning partners. The STIP and TIP will also be aligned with the performance targets. MPO's have until February 27, 2021 to agree to adopt NCDOT's safety targets or commit to developing its own quantifiable performance measures. The five safety-related performance measures that were recently submitted as part of NCDOT's yearly Highway Safety Improvement Program annual report are: 1) Number of fatalities, 2) Fatality Rate (per 100 million VMT), 3) Number of Serious Injuries, 4) Serious Injury Rate (per 100 million VMT), and 5) Number of Non-motorized (Pedestrians + Bicyclists) Fatalities and Serious Injuries.

**<u>RECOMMENDATION/ACTION:</u>** 1) Receive information and discuss; 2) Endorse NCDOT's safety targets (for each of the five measures) for FY21 by resolution.

#### 9) BGMPO Highway Safety Program Presentation

The BGMPO will develop a Highway Safety Program with the objectives of raising awareness and changing public attitudes, behaviors and transportation systems to improve traffic safety within the region. Preliminary research conducted by staff highlights the necessity and potential benefits of the BGMPO Highway Safety Program. A component of the program is to establish a MPO Safety Subcommittee. One of the subcommittee's first actionable items will be the development of the Highway Safety Plan.

**<u>RECOMMENDATION/ACTION:</u>** 1) Receive information and discuss; 2) Approve establishment of the MPO Safety Subcommittee; 3) Appoint TAC Subcommittee members.

10) <u>NCDOT BOT Update</u>	Mike Fox
11) <u>FHWA Update</u>	Suzette Morales
12) <u>NCDOT TPD Update</u>	Daryl Vreeland
13) <u>NCDOT Division Engineer Report</u>	Stephen Robinson
<ul><li>14) <u>Other Business</u></li><li>P7.0 Subcommittee Update</li></ul>	Wannetta Mallette

- Reports and Questions from TAC Members

- Next Meeting Scheduled March 16, 2021

#### ACCESS TO INFORMATION:

ALL MPO DOCUMENTS AND DATA CAN BE PROVIDED IN ALTERNATIVE FORMAT UPON REQUEST PLEASE CONTACT THE MPO OFFICE FOR ADDITIONAL ASSISTANCE AND INFORMATION 336-513-5418 ACCESO A INFORMACION <u>TODOS LOS DOCUMENTOS Y DATOS DE MPO SE PUEDEN PROPORCIONAR EN FORMATOS ALTERNOS A PETICION</u> POR FAVOR COMUNIQUESE CON LA OFICINA DE MPO PARA INFORMACION E ASISTENCIA ADICIONAL 336-513-5418

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

**Blake Cashmore** 

#### MINUTES

#### BURLINGTON-GRAHAM URBAN AREA TRANSPORTATION ADVISORY COMMITTEE TUESDAY, OCTOBER 20, 2020 VIA CONFERENCE CALL 5PM

<u>MEMBERS PRESENT</u> Leonard Williams, Gibsonville (Chair) Mike Fox, NCDOT BOT Jamezetta Bedford, Orange County Monti Allison, Elon Ken Jacobs, Whitsett Melody Wiggins, Graham

OTHERS PRESENT Nathan Page, TCC Chair BGMPO STAFF PRESENT Wannetta Mallette Blake Cashmore

<u>NCDOT STAFF PRESENT</u> Stephen Robinson, Division 7 Daryl Vreeland, TPD

<u>FHWA PRESENT</u> Suzette Morales

#### Call to Order

Chair Leonard Williams called the October 20, 2021 TAC meeting to order at 5:04 p.m. and welcomed all members and guests. Mr. Blake Cashmore introduced himself as the MPO Transportation Planner. Ms. Wannetta Mallette conducted the membership roll call and determined a quorum. Ms. Mallette read aloud the NC Ethics Statement for TAC members. No known conflicts of interest were identified. Chair Williams then recognized those wanting to make public comments. No comments were made and Ms. Mallette reported none received in advance of the meeting. Chair Williams requested a motion to approve the agenda. Mr. Monti Allison made the motion seconded by Ms. Melody Wiggins. Chair Williams called for the voice vote:

Leonard Williams - Aye
Mike Fox - Aye
Jamezetta Bedford - Aye
Monti Allison - Aye
Ken Jacobs - Aye
Melody Wiggins - Aye

The motion carried by unanimous voice vote.

#### Approval of Minutes from October 20, 2020 TAC Meeting

Chair Williams requested a motion to approve the October 20, 2020 TAC meeting minutes. Ms. Jamezetta Bedford made the motion to approve the meeting minutes and Ms. Wiggins seconded the motion. Chair Williams then called for the voice vote:

Chair Williams - Aye
Jamezetta Bedford - Aye
Melody Wiggins – Aye
Mike Fox - Aye
Ken Jacobs - Aye
Monti Allison - Aye

The motion carried by unanimous voice vote.

Chair Williams said the next two agenda items were tabled from the August 18, 2020 meeting.

#### NCDOT Transportation Performance Management Update

Mr. Daryl Vreeland provided a brief overview of NCDOT's Transportation Performance Management midterm performance measures report and reporting schedule, current targets, and progress towards meeting those targets. Mr. Vreeland explained that during the mid-term reporting period, NCDOT has the option of adjusting its 2018 four year targets. The state made no adjustments to its targets for safety, pavement and bridge, system reliability, freight, air quality for non-attainment and maintenance regions, or transit related measures.

#### 2020 BGMPO Transportation Performance Measures and Targets

Ms. Mallette informed the TCC that the MPO is federally required to endorse NCDOT's regional performance targets or commit to developing its own by February 27, 2021. The five safety-related performance measures that were recently submitted as part of NCDOT's yearly Highway Safety Improvement Program annual report are: 1) Number of fatalities, 2) Fatality Rate (per 100 million VMT), 3) Number of Serious Injuries, 4) Serious Injury Rate (per 100 million VMT), and 5) Number of Non-motorized (Pedestrians + Bicyclists) Fatalities and Serious Injuries. State data shows the region's five year fatalities and serious injuries rolling averages are trending upward. As a result, the MPO is proposing to implement a Highway Safety Program with the goals of reducing crashes and increasing public safety awareness.

She relayed that the TCC requested tabling this agenda item until obtaining more information from NCDOT's Traffic Safety Unit regarding target setting data analysis and an explanation of measures taken to meet or exceed performance goals.

Chair Williams requested a motion. Ms. Bedford made the motion to table the agenda item until more information is obtained from NCDOT's Traffic Safety Unit. Mr. Ken Jacobs seconded the motion and Chair Williams called for the voice vote.

Leonard Williams - Aye
Mike Fox - Aye
Jamezetta Bedford - Aye
Monti Allison - Aye
Ken Jacobs - Aye
Melody Wiggins - Aye

The motion was approved by unanimous voice vote.

#### **BGMPO Highway Safety Program**

Mr. Cashmore provided an overview of the MPO's proposed Highway Safety Program. The program's purpose is to follow a data-driven approach that will lead to zero traffic deaths in the BGMPO by 2050. The program includes development of a Highway Safety Plan and formation of a MPO Safety Subcommittee. He discussed the overall project schedule, key stakeholders and public engagement plan.

Mr. Allison applauded the MPO's efforts and requested the collection of accident frequencies by location and the development of an app that identifies high crash locations. Ms. Bedford said the MPO should ensure its goals are aligned with the state's performance goals.

There being no further discussion, Chair Williams called for a motion to approve the Highway Safety Program. Ms. Wiggins made the motion and Ms. Bedford seconded the motion. Chair Williams called for the voice vote.

Leonard Williams - Aye
Mike Fox - Aye
Jamezetta Bedford - Aye
Monti Allison - Aye
Ken Jacobs - Aye
Melody Wiggins - Aye

The motion was approved by unanimous voice vote

#### 2020 - 2029 TIP and 2045 MTP Amendment

Ms. Mallette explained that NCDOT recently reprogrammed projects in the State Transportation Improvement Program (STIP) to ensure that the STIP remains fiscally constrained. A list of BGMPO projects affected by the STIP reprogramming was included in the agenda packets. As the adopted 2020-2029 Metropolitan Transportation Improvement Program (TIP) is a subset of the STIP, the TIP and recently adopted 2045 MTP are in need of amendment to align with state and federally funded transportation projects within the BGMPO urban area. MPO staff and the TCC are recommending the TAC approve the draft 2020 – 2029 TIP and release the draft for a 10-day public comment period in accordance with the Public Involvement Plan.

Chair Williams requested a motion to approve the draft amended TIP and to release the draft for public review. Mr. Mike Fox made the motion that was seconded by Ms. Bedford. Chair Williams then called for the voice vote.

Leonard Williams - Aye
Mike Fox - Aye
Jamezetta Bedford - Aye
Monti Allison - Aye
Ken Jacobs - Aye
Melody Wiggins - Aye

The motion carried by unanimous voice vote

#### SPOT 6.0 Proposed Division Needs Alternative Criteria and Weights

Ms. Mallette explained that alternate scoring criteria can be used for P6.0 Division Needs highway projects if there is concurrence among NCDOT Divisions and their respective MPOs and RPOs. Divisions 7 and its respective MPOs and RPOs are currently discussing whether to move all points from the Freight (5%) criteria to the Safety (10%) criteria as done in SPOT 5.0. Area specific weights are due to the SPOT office by October 23, 2020. Staff and the TCC are recommending the TAC endorse SPOT 6.0 Option #1 Alternative Criteria and Weights for Division Needs highway projects by resolution.

Chair Williams requested a motion to endorse SPOT 6.0 Option #1 by resolution. Mr. Fox made the motion and Ms. Wiggins seconded the motion. Chair Williams then called for the voice vote.

Leonard Williams - Aye
Mike Fox - Aye
Jamezetta Bedford - Aye
Monti Allison - Aye
Ken Jacobs - Aye
Melody Wiggins - Aye

The motion carried by unanimous voice vote

#### **Transportation Planning Division**

Mr. Vreeland announced the TAC's final opportunity to provide comments on NCDOT's NC Moves 2050 long-range plan. The draft recommendations and report were presented to the Board of Transportation at their October meeting and released for a 30-day comment period that will end November 9<sup>th</sup>. He said the survey and draft report are posted on the web at <u>www.ncmoves.gov</u>. Mr. Vreeland also thanked the TAC members for their assistance with the development of the NC Moves 2050 Plan over the past 2 years.

#### **Division 7 Engineer Report**

Mr. Stephen Robinson said there were no updates to the August 2020 Division report and that he would be the point of contact for Division 7 until further notice.

#### NCDOT BOT Update

Mr. Fox announced that the BOT approved NCDOT's annual spend plan and recommended the TAC view the plan posted on their website. The BOT also approved the reprogrammed STIP that changed a few of the region's construction project schedules.

#### **FHWA**

Ms. Suzette Morales announced FHWA's Every Day Counts initiative. The program is designed to identify innovative projects designed to enhance safety and protect the environment. She referred the TAC to the website for more information at <u>https://www.fhwa.dot.gov/innovation/everydaycounts</u>.

#### Adjournment

Ms. Mallette reported that the SPOT 7.0 Subcommittee held its first meeting. Subcommittee members elected Mr. Nish Trivedi as its Chair and expanded its membership to include a representative from Alamance County.

Ms. Mallette also announced the UPWP Special Studies Call for Projects. The deadline for applications is December 31, 2020.

There being no further comments, Chair Williams requested a motion to adjourn. Ms. Bedford made the motion seconded by Ms. Wiggins and the meeting adjourned at 5:46 p.m. The next TAC meeting is scheduled on January 19, 2021.



#### Burlington – Graham MPO Transportation Advisory Committee Schedule of 2021 Regular Meetings

All Transportation Advisory Committee (TAC) meetings are held at 5:00 p.m. in the City of Burlington Municipal Building 1<sup>st</sup> Floor Conference Room located at 425 S. Lexington Avenue. The TAC will hold all regular meetings in a virtual platform for the duration of the North Carolina Governor's Covid-19 Executive Order.

January 19, 2021 March 16, 2021 May 18, 2021 August 17, 2021 October 19, 2021

### Burlington-Graham Metropolitan Planning Organization

### DRAFT UNIFIED PLANNING WORK PROGRAM

### FISCAL YEAR JULY 1, 2021 – JUNE 30, 2022 ADOPTED

FUNDS FOR THIS PLANNING WORK PROGRAM PROVIDED BY

FEDERAL HIGHWAY ADMINISTRATION FEDERAL TRANSIT ADMINISTRATION NCDOT PUBLIC TRANSPORTATION DIVISION CITY OF BURLINGTON

### BGMPO Unified Planning Work Program

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Prepared by the Burlington-Graham Metropolitan Planning Organization. For more information regarding this plan or any other BGMPO activity, please contact us at: Burlington-Graham Metropolitan Planning Organization, PO Box 1358, Burlington, NC 27216-1358. Visit our website for the most up-to-date information and downloadable documents at: www.bgmpo.org.

#### Overview

This document presents the FY 2021 - 2022 Unified Planning Work Program (UPWP) for the Burlington-Graham Metropolitan Planning Organization (BGMPO) study area. It delineates the activities to be accomplished during the period of July 1, 2021 through June 30, 2022, the funding requirements, and the work elements of the FY 2021 - 2022 UPWP.

#### Resolutions Certifying the Planning Process and UPWP

As part of the annual UPWP adoption process, the BGMPO TAC is required to approve the FY2021 – 2022 BGMPO UPWP and to certify that it adheres to the 3-C transportation planning process. The resolutions adopting the UPWP and certifying the transportation planning process is included as part of this work program.

#### RESOLUTION CERTIFYING THE BURLINGTON - GRAHAM METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2021 – 2022

- WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and,
- WHEREAS, the Transportation Advisory Committee has found the transportation planning pro process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d) (for nonattainment and maintenance areas only); and,
- WHEREAS, the Transportation Advisory Committee has found the transportation planning process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance; and,
- WHEREAS, the Transportation Advisory Committee has considered how the transportation planning process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects; and,
- WHEREAS, the Transportation Advisory Committee has considered how the transportation planning process will affect the elderly and the disabled per the provision of the Americans with Disabilities Act; and,
- WHEREAS, the Metropolitan Transportation Plan has a planning horizon year of 2045, and meets all the requirements for an adequate Transportation Plan.

NOW THEREFORE, be it resolved that the Burlington - Graham Urban Area Transportation Advisory Committee certifies the transportation planning process for the Burlington - Graham\_Metropolitan Planning Organization on this the \_\_\_\_\_day of \_\_\_\_\_2021.

**CERTIFICATE**: The undersigned certifies that the foregoing is a true and correct copy of a resolution adopted by the voting members of the TAC on

Date:

Ву:\_\_\_\_\_

TAC Chair

STATE of: North Carolina COUNTY of: Alamance

I, \_\_\_\_\_\_, Notary Public of \_\_\_\_\_ County, North Carolina do hereby certify that \_\_\_\_\_\_ personally appeared before me on the \_\_\_\_\_ day of \_\_\_\_\_ to affix his signature to the foregoing document. Subscribed and sworn to me this \_\_day of \_\_\_\_\_, 2021.

My commission expires \_\_\_\_\_.

Notary Public

#### RESOLUTION

#### APPROVING THE FY 2021 - 2022 PLANNING WORK PROGRAM OF THE BURLINGTON - GRAHAM URBAN AREA

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

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that federal funds for transportation projects are effectively allocated to the Burlington - Graham Urban Area; and,

WHEREAS, the Burlington – Graham Metropolitan Planning Organization has been designated as the recipient of Federal Highway Administration Planning Funds (PL 104(f)), Federal Transit Administration Metropolitan Planning Program (Section 5303) funds and Urbanized Area Formula Funding Program (Section 5307) funds; and,

WHEREAS, members of the Burlington - Graham Transportation Advisory Committee agree that the Planning Work Program will effectively advance transportation planning for FY 2021 - 2022;

NOW, THEREFORE, be it resolved that the Transportation Advisory Committee hereby endorses the FY 2021 - 2022 Planning Work Program for the Burlington - Graham Urban Area.

#### 

I, \_\_\_\_\_\_, Chairman of the Burlington - Graham Transportation Advisory Committee do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Burlington - Graham Urban Area Transportation Advisory Committee, duly held on the \_\_\_\_\_\_.

> Chairman Transportation Advisory Committee

#### 

STATE of: North Carolina COUNTY of: Alamance

I, \_\_\_\_\_\_, Notary Public of \_\_\_\_\_\_ County, North Carolina do hereby certify that Leonard Williams personally appeared before me on the \_\_\_\_\_\_ day of \_\_\_\_\_\_ to affix his signature to the foregoing document.

Notary Public My Commission expires: \_\_\_\_\_

#### Public Involvement and Title VI

Federal legislation requires MPOs to include provisions in the planning process to ensure the involvement of the public in the development of transportation plans and programs including the MTP, the short-term TIP, and the annual UPWP. Emphasis is placed on broadening participation in transportation planning to include key stakeholders who have not traditionally been involved, including the business community, members of the public, community groups, and other governmental agencies. Effective public involvement will result in opportunities for the public to participate in the planning process.

Public input into this document was achieved in accordance with the adopted Public Involvement Plan of the BGMPO. TCC and TAC members were requested to provide project submittals for consideration of PL, 5307 and 5303 funding. The draft document was also published on the BGMPO website at http://www.bgmpo.org. The availability of the final draft document was noted in the legal advertisement section posted in the local paper.

#### Background

The Metropolitan Planning Area (MPA) is the boundary in which the transportation planning process must be carried out. The MPA is made up of the census-defined Urbanized Area (UZA), plus the contiguous area expected to become urbanized within the next 20 to 25 years. A census-defined UZA consists of a central core (for the Burlington-Graham MPO the central core are the cities of Burlington and Graham) and the adjacent densely settled area that combined has a population of 50,000. The Burlington-Graham area was designated an urbanized area by the US Bureau of Census in 1974. As a result of this designation, the Burlington-Graham area formed the BGMPO by Memorandum of Understanding (MOU) in 1975. With this new designation came the responsibility of adhering to federal continuing planning requirements.

A revised MOU was executed between the cities of Burlington, Graham, and Mebane; the counties of Alamance, Guilford and Orange; towns of Elon, Gibsonville, Whitsett, Green Level and Haw River; Village of Alamance and the North Carolina Department of Transportation (NCDOT) in 2012. The MOU outlined responsibilities, established the City of Burlington as the Lead Planning Agency (LPA), and created a Technical Coordinating Committee (TCC) and Transportation Advisory Committee (TAC) to ensure coordination between the MPO, elected officials, and member agency planning staffs.

The BGMPO is required to prepare an annual UPWP that details and guides the work tasks undertaken within the fiscal year. The UPWP is funded in part by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). The federal funds are distributed to NCDOT and reallocated to state MPOs on an annual basis. These funds must be approved by the MPO TAC as part of the UPWP approval process. FHWA Section 104(f) planning funds are used by the LPA to support MPO administration and planning functions. The UPWP funding source tables reflect the eighty-percent (80%) FHWA funding and twenty-percent (20%) non-federal matching funds. The sources of funds for transit planning are the FTA Section 5303 and 5307 grants. Transit agencies can also use portions of their Section 5307 capital and operating funds for planning. The match is provided through either local or state funds or both.

#### **BGMPO** Area Boundary

The current BGMPO study area (Figure 1) encompasses over 435 square miles and includes all of Alamance County and portions of Guilford and Orange counties. The City of Burlington is the major population and employment center in the region. Like many urban areas, rapid growth and development have contributed to ever-increasing needs in transportation. By federal definition, the MPO's planning area must at least include the urbanized area (as defined by the U.S. Census Bureau) and the contiguous area that may reasonably be expected to become urbanized in the next 20 years.



#### Metropolitan Planning Factors and Federal and State Requirements

Federal transportation regulations require MPOs to consider specific planning factors when developing transportation plans and programs in the metropolitan area. Current legislation calls for MPOs to conduct planning that:

- 1. Supports the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- 2. Increases the safety of the transportation system for motorized and non-motorized users;
- 3. Increases the security of the transportation system for motorized and non-motorized users;
- 4. Increases the accessibility and mobility of people and for freight;
- Protects and enhances the environment, promote energy conservation, improve quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- 6. Enhances the integration and connectivity of the transportation system, across and between modes, for people and freight;
- 7. Promotes efficient system management and operation;
- 8. Emphasizes the preservation of the existing transportation system.
- 9. Improves the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
- 10. Enhances travel and tourism.

#### FAST Act Planning Factors

Pursuant to the Moving Ahead for Progress in the 21st Century Act (MAP-21) Act enacted in 2012 and the Fixing America's Surface Transportation Act (FAST Act) enacted in 2015, state Departments of Transportation (DOT), MPOs, and public transportation providers must apply a transportation performance management approach in carrying out their federally-required transportation planning and programming activities with the goal of achieving the most efficient and effective use of transportation funding. FAST Act retains the previous eight factors that should be considered when developing plans and programs and adds three planning factors. The following outlines the eleven factors:

- Support economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;
- Increase the accessibility and mobility of people and for freight;
- Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation;
- Emphasize the preservation of the existing transportation system;
- Improve transportation system resiliency and reliability;
- Reduce (or mitigate) the storm water impacts of surface transportation; and
- Enhance travel and tourism.

#### Moving Toward Performance Based Planning

The U.S. Secretary of Transportation, in consultation with stakeholders, established performance measures to chart progress toward accomplishment of national goals established in MAP-21. In accordance with 23 CFR 450.324(f)(3)-(4)(i)(ii) of the Planning Rule, MPOs must include a description of the applicable performance measures and targets in their metropolitan transportation plans. Performance targets established by NCDOT and the BGMPO are based on the national performance measures guidance with the goals to improve decision making and project funding efficiency through performance-based planning and programming. The MPO work plan activities outlined in this document are aligned with the FAST Act national goals.

The regulatory changes to the planning process are intended to improve transportation investment decisionmaking through increased transparency (through the requirement of performance targets) and accountability (via a requirement to report on progress toward meeting targets) and to support a core set of national goals. State DOTs and MPOs are free to adopt additional locally defined performance measures and targets through a coordinated process that also includes transit service providers.

Additional performance plans are now required under MAP-21 for the BGMPO include the:

- Metropolitan System Performance Report
- Transit Asset Management Plan
- Target Achievement
- Special Performance Rules performance elements related to safety (high-risk rural roads and older drivers and pedestrians), Interstate Pavement Condition, and National Highway System Bridge Condition
- Performance Reporting MPOs must report to NCDOT its progress toward achieving targets and NCDOT will assess such progress

Moreover, MPOs and public transportation service providers are required to establish performance targets and to coordinate the development of these targets to ensure consistency. The BGMPO current performance measures are included in the 2045 Metropolitan Transportation Plan described below.

#### Metropolitan Transportation Plan

The Metropolitan Transportation Plan (MTP) is a long-range plan for transportation improvements across the region. This plan includes roadway, transit, bicycle, pedestrian, aviation, freight, and other transportation projects expected to be constructed within a minimum 20 to 25-year planning horizon. The BGMPO is required to update its MTP required every five years. The BGMPO 2045 MTP was developed over a sixteen-month period which began March 2019 and ended with final plan adoption on June 16, 2020. The planning process involved the general public, member jurisdictions, key stakeholders, the TCC and TAC, NCDOT and federal and state regulators.

#### Metropolitan Transportation Improvement Program

The BGMPO is also responsible for developing a Metropolitan Transportation Improvement Program (TIP). The TIP is a financially constrained program for addressing transportation priorities within a five-year time horizon consistent with the MTP. The TIP is regional in scope and lists the construction and anticipated funding schedule for each included project. Project phases can include preliminary engineering, design, environmental review, right-of-way acquisition, and construction. The TIP must include the following:

- A list of proposed federally supported projects and strategies to be implemented during the TIP reporting period to include project schedules and costs.
- A proactive public involvement process.

#### Air Quality Conformity Process

Transportation-air quality conformity ("conformity") is a way to ensure that federal funding for transportation improvements are consistent with regional air quality goals. Conformity applies to MTPs and TIPs and to projects funded or approved by the FHWA or FTA in areas that do not meet -- or have recently not met -- air quality standards for ozone, carbon monoxide, particulate matter, or nitrogen dioxide. These areas are known as "non-attainment areas" or "maintenance areas," respectively. A conformity determination demonstrates that the total emissions projected for a plan or program are within the emissions limits ("budgets") established by the State Implementation Plan (SIP) for air quality, and that transportation control measures – specific projects or programs enumerated in the SIP that are designed to improve air quality – are implemented in a timely fashion.

A portion of the BGMPO planning area that falls within the Triangle region boundary is currently designated as a "maintenance area" for the 8-hour ozone standard. The BGMPO will continue to implement activities, including air quality analysis and conformity determination in its MTP and TIP. The BGMPO will work with the FHWA and NCDOT in making conformity determinations by performing systems level conformity analysis on the highway portion of the MTP.

#### **Comprehensive Transportation Plan**

Under State law (N.C.G.S. § 136-66.2), for municipalities and counties, or portions thereof, located within an MPO planning area, the development of a Comprehensive Transportation Plan (CTP) is the responsibility of NCDOT. The CTP is the element of the Metropolitan Transportation Plan that identifies unfunded regional transportation needs. The CTP is not required to be fiscally constrained and no minimum horizon year or update timeframes are specified. The BGMPO and NCDOT share the responsibility of recommending projects to ensure that transportation facilities reflect the needs of the region.

#### Proposed FY 2022 UPWP Activities

BGMPO activities and emphasis areas for the FY 2022 UPWP are summarized as follow:

- Continued NCDOT, Division and NC AMPO coordination
- Implementation of MAP-21 and Fast Act MPO requirements
- Implementation of Highway Safety Program
- Development of CommunityViz future year parcel line layer; participation in regional growth workshops; cohosting MPO CommunityViz Workshops
- Continued P6.0 work activities associated with STI Prioritization
- Continued Title VI Program and Public Involvement Plan compliance
- Monitoring of MPO Transit Performance Measure Targets and TAM Plans
- Continued administrative tasks TCC and TAC coordination, UPWP, GIS, etc.
- Continued implementation and update of TIP and MTP
- Implementation of Special Studies
- Continued of data collection/inventory and assessment of travel behavior patterns
- Development of P7.0 project selection criteria
- Other Comprehensive, Cooperative, and Continuing (3-C) initiatives eligible for Federal transportation funding

#### FY 2022 Special Emphasis Projects

Special emphasis projects and new initiatives for the FY2022 UPWP are described below:

#### **Special Studies**

The BGMPO annually designates a portion of planning funding for Special Studies. Special Studies include staff time for project management activities to ensure consistency with FHWA, FTA and NCDOT procurement requirements and intergovernmental project coordination. At least two specials studies are anticipated in FY 2021 – 2022. The MPO anticipates soliciting consultants to assist MPO staff and member jurisdictions with project implementation on an as-needed basis (on-going throughout fiscal year).

#### US 70 West Multimodal Corridor Study

This study would analyze the US 70 Corridor from NC-119 Bypass - Lake Latham Road intersection - in Mebane to the NC-751 intersection. The study will evaluate existing multimodal corridor needs, existing and future regional travel needs, safety improvements, potential transit service and facilities, and the community vision and desires for this portion of the US 70. Prior corridor studies have not addressed the need to identify designated non-arterial (local) streets access points for residents and businesses (access management). Additionally, there are potential opportunities for transit improvements with connections to other regional transit service extending to Durham, RTP, RDU or Raleigh. The project sponsors are identified as the City of Mebane, Town of Hillsborough, Orange County, DCHC MPO and BGMPO, and NCDOT. The study would commence early 2022 and conclude summer 2023, thus spanning two UPWP fiscal years. The study will be managed by Orange County and conducted by a consultant.

#### **BGMPO Highway Safety Plan**

The BGMPO will develop a Highway Safety Program with the objectives of raising awareness and changing public attitudes, behaviors and transportation systems to improve traffic safety within the region. The overriding goal of the program is to achieve zero traffic deaths in the BGMPO by 2050 aligning the MPO with the North Carolina Strategic Highway Safety Plan. Approval to develop and implement the program was granted by the TAC, October 2020. A component of the program is to develop a regional Highway Safety Plan. The BGMPO will develop the plan in collaboration with and support of NCDOT's Vision Zero initiative with the goal to reduce the human and economic toll on the region's multi-modal transportation system due to transportation crashes and injuries. The plan's scope will include evaluating risk reduction measures – transportation engineering, traffic enforcement, public awareness and education, and assessing travel behavior patterns – in an effort to improve transportation safety.

The plan will also establish performance measurement baselines and an evaluation criterion to assess progress towards meeting or exceeding performance targets. The proposed project schedule for developing the plan is July 1, 2021 – March 31, 2022. The study will be managed by the MPO and conducted by a consultant.

#### **Data Collection and Management**

The MPO is required by federal regulations and the 3-C process to perform continuous data monitoring and maintenance. The purpose of this task is to collect, maintain and analyze traffic count, regional land use, socioeconomic and environmental data that will be used in regional demographic forecasting, transportation planning, land use planning, air quality planning, emergency planning, Title VI and economic development efforts. BGMPO will continue to participate, provide input to member jurisdictions and agencies in the development of local comprehensive plans, and provide guidance to NCDOT Project Development and NEPA on land use and zoning issues affecting the project development and process.

#### Regional Traffic Count Program

The BGMPO, in cooperation with the City of Burlington, will use traffic cameras for (13-hour) full-turning movement counts and submit the data to a private contractor for analysis. All of the proposed count sites will be scheduled on a biennial schedule. The traffic count data will be part of the metrics used to measure performance targets under MAP-21 and included in our Piedmont Regional Travel Demand Model update, as well as to fill a jurisdiction's particular need. In addition to the regularly schedule traffic counts, numerous other special counts will be taken to support specific transportation planning projects, or at the request of local governments for various reasons. A number of transportation and traffic conditions will be continuously surveyed and compiled annually to feed into various MPO technical analyses such as modeling, Metropolitan Transportation Plan update, project development, Title VI planning, EJ/LEP demographic profiles, TIP, project prioritization, etc.

The BGMPO re-evaluated its traffic count program in an effort to begin a comprehensive and systematic approach to data collection and management, to be consistent with statewide traffic data collection, and for use in the regional travel demand model. Expansion of traffic count location program will be delayed to the next fiscal year due to Covid-19 traffic variabilities.

#### Piedmont Triad Regional Model (PTRM) - Travel Demand Model Enhancement

The Piedmont Authority for Regional Transportation (PART), in coordination with NCDOT, is the custodial manager of the BGMPO Regional Travel Demand Model (RTDM). The travel demand model program consists of four elements: the RTDM, the Advanced Freight Model (AFM), the Transit Boarding and Estimation Simulation Tool (TBEST) and CommunityViz Scenario Model (CVSM). The program is jointly funded by MPOs within the Triad area. The BGMPO assists PART in the collection and analysis of socio-economic and travel characteristics data to determine future year travel demand. Specifically:

- Assisting member jurisdictions with review of parcel tagging and verifying application of appropriate suitability factors for the Piedmont Triad CommunityViz Model
- Coordination with the integration of the Piedmont Triad CommunityViz Model for updating SE data and forecasts used by the travel demand model
- Review and update SE data with the Piedmont Triad CommunityViz and other data from different sources
- Tracking and documenting population estimates and projections from Office of State Budget and Management and socioeconomic databases
- Utilizing NCDOT shapefiles and HERE data to update attributes of the travel demand network
- Obtaining Phase III freight data such as truck count data and survey data for the calibration and validation of the freight tour-based model
- Completing Household Travel Survey data collection for inclusion in Regional Travel Demand Model

#### **Targeted Planning**

The BGMPO's Complete Streets Initiative creates a safe and efficient transportation network that promotes the health and mobility of all residents and visitors by providing safe, high quality multimodal (pedestrian, bicycle, transit and automobile) access throughout the region. The BGMPO will take the necessary steps to assess the pre- and postconditions of our Complete Streets projects during the prioritization process and project scoping meetings for STIP committed projects. Metrics related to the mobility, safety, health and sustainability, and economic vitality will be used to evaluate the success of all of our future projects. As part of the Complete Streets Initiative, the BGMPO also will conduct walking and bike audits, trainings and hosts community engagement events to promote active transportation. Additionally, the BGMPO provides technical assistance to its partners by offering workshops and attending Healthy Alamance meetings, trainings and workshops. To complement these efforts, the BGMPO will create develop P7.0 project selection criteria that to guide investments in Complete Streets and prioritizes active transportation projects.

#### **Title VI Planning**

The purpose of this work task is to ensure that no person will, on the grounds of race, color, national origin, income, gender, age, and disability, as provided by Title VI of the Civil Rights Act of 1964 and the Civil Rights Restoration Act of 1987 (PL 100.259), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity administered by the BGMPO. The BGMPO will update its Title VI and Limited English Proficiency (LEP) Program Plans to ensure consistency with current guidelines and continue to monitor the Title VI program and implement Title VI Assurance.

#### Anticipated DBE Contracting Opportunities for FY 2021 – 2022

The BGMPO is anticipating two Special Studies contracting opportunities for Disadvantaged Business Enterprises (DBEs) for FY 2021-2022; the US 70 West Corridor Study and MPO Highway Safety Plan. It is the policy of the BGMPO to ensure that DBEs as defined in 49 CFR Part 26 have an equal opportunity to receive and participate in federally-assisted contracts. Implementation of the DBE program is in compliance with all other legal obligations incurred by the BGMPO in its financial assistance agreements with the Department of Transportation. Contracting opportunities will be distributed to DBE and non-DBE business communities that perform work for the BGMPO on federally assisted contracts. The dissemination will be accomplished by posting a link on the BGMPO website and through targeted bid solicitations.

#### BGMPO Administration and Management

The BGMPO has a "hosted" administrative structure. The MPO is housed within the City of Burlington and the City acts as the fiscal agent for the MPO. Although hosted, the BGMPO retains a separate name and identity from that of its host. In recent years, federal and state legislation, regulations, and technological innovations have increased the complexity of the BGMPO activities and work tasks. The BGMPO functions include preparing planning and programming documents, procurement, general agency administration, staff training, managing and serving on project team and steering committees, and conducting public involvement to engage the public in the activities and decision-making processes of the MPO.

#### FY 2022 UPWP Funding Sources

FY 2022 UPWP funding levels as well as the descriptions of funding sources is summarized below.

**Planning (PL) Section 104(f)** – The proposed Section 104(f) funding level is based on the FAST-ACT Section 104(f) allocation. The PL funding apportionment to the state is distributed to the MPOs through a population-based formula. Federal funding accounts for 80% of UPWP funding and require a 20% local match. Local match is a resource commitment, beyond federal funding, made by the sub-grantee and/or other local agencies. Local match cash contributions cannot include cash from any federal funding sources or reimbursements made with federal dollars. The City of Burlington has agreed to provide \$100,772 in matching funds needed to receive the regional federal funding.

The BGMPO PL fund allocation for FY 2022 is below:

PL Section 104(f) Funds (80%) \$261,493 Local match/City of Burlington (20%) \$65,374 Total \$326,867 **FTA Funds** - Two types of funds are used for transit planning purposes by the BGMPO; Section 5303 and Section 5307 funds administered through the Federal Transit Administration (FTA) and the NCDOT Public Transit Division. The BGMPO is served by four regional and one fixed route transit systems: Orange County Public Transportation (OPT) serves all of Orange County and parts of Alamance County. Go Triangle operates a regional bus service connecting Durham to Raleigh, Chapel Hill, Apex, Hillsborough, and Wake Forest. The Alamance County Transportation Authority serves the transportation needs of the elderly, disabled, and general public in Alamance County. The Authority utilizes vans and buses which are ADA equipped, including wheelchair lifts, to assist persons with specialized needs. The Piedmont Authority for Regional Transportation (PART) Alamance Burlington Express connects Greensboro, Burlington, Graham, Mebane, and Chapel Hill and the Burlington Link Transit serves Burlington, Gibsonville, and Alamance Community College. At the time of the draft UPWP, the previous FTA fiscal year distributions are listed as the FY21 allocations are not yet known.

**Section 5303** funds are grant monies from FTA that provide assistance to urbanized areas for transit planning. The funds are for planning and technical studies related to urban public transportation. They are provided from the FTA through the NCDOT-PTD to the MPO (80% from FTA, 10% from NCDOT-PTD, and 10% local match).

Federal (80%) \$53,980 State (10%) \$43,184 Local/City of Burlington (10%) \$5,398 Total Sect. 5303 \$5,398

**Section 5307** funds can be used for transit planning as well as other related purposes, and are distributed by formula by FTA. These planning funds require a 20% local match. The MPO is eligible to use Section 5307 funds for assistance on a wide range of planning activities and will utilize funding for administration associated with regional transit planning, safety target setting and monitoring, prioritization, etc. Activities include implementation of the Regional Transit Operators MOU and Transit Safety Subcommittee facilitation. These planning funds require a 20% local match.

Federal (80%) \$120,000 Local/City of Burlington (20%) \$30,000 Total Sect. 5307 \$150,000

#### UPWP Work Items

<u>II-A</u> Objective:	Data Management and Planning Support To monitor travel and development patterns in order to determine growth areas and identify potential transportation/congestion management issues and intermodal linkages.						
1	Programmed Amount: \$68,000	21% Staff Budget					
II-A-1	(Traffic Volume Counts) Traffic data is needed for continuous and on-going MPO planning activitie The work task includes annual intersection counts for maintenance and monitoring of the computerize signal system. Traffic count data analysis will be made available to PART, the NCDOT, and memb jurisdictions upon request. Counts will include intersection turning movement and average daily traff counts as needed.						
II-A-1	MPO will monitor regional street network cha	inues and travel demand boundaries are modified, the nges for revisions and updates to the MTP, CTP and/or o involves the review of construction project schedules, NCDOT routine coordination.					

- II-A-1 (Traffic Accidents) Use NCDOT Crash Data as needed for planning studies, mapping high accident locations, and developing infographics.
- II-A-1 (Transit System Data) Short-range and mid-range transit planning efforts will be conducted by the MPO in cooperation with regional transit providers. Data will continue to be collected to inform various transit planning efforts to include the evaluation of transit service performance, development of cross-regional route(s), universities/college route(s) and urban service routes that extend beyond the boundaries of the general BGMPO area. Data collected will be used to monitor service to meet NCDOT and FTA reporting requirements. The MPO will continue to assist and support the transit planning and administration of the Link fixed route system.
- II-A-1 (Mapping) Create and maintain GIS mapping of MTP, TIP, CTP, TAZ and census data maps for the MPO.
- II-A-1 (Bicycle & Pedestrian Inventory) Assist with area-wide bike and pedestrian improvement projects and update MTP accordingly. Conduct activities associated with the Highway Safety Program. Identify grant programs for MPO members to participate/apply.

#### II-A-2 Travelers and Behavior

- Objective: To improve the quality of transportation plans and other planning endeavors in the BGMPO planning area through ongoing collection and maintenance of data related to existing and proposed land uses and evolving socioeconomic conditions affecting transportation planning.
- II-A-2 (DU/Population & Employment Changes) Review, analyze, and evaluate information collected from census data, private and public demographic databases and other sources as it is available and required for transportation planning efforts.
- II-A-2 (Collection of Base Year Data) Monitor changes that are related to planning tasks within the MPO planning boundary. Compare existing characteristics with projections to anticipate planning needs and activities. Continue to build and maintain a data repository of information to support local and regional transportation efforts. This task is also supported by the Piedmont Triad Regional Travel Model process via the Piedmont Authority for Regional Transportation (PART). Evaluate by TAZ if needed to determine population, housing density, employment, etc.
- II-A-2 (Travel Time Surveys) This work task will be conducted by PART in cooperation with area Triad MPO's. Travel surveys will collect origin and destination data used for travel demand modeling.
- II-A-2 (Capacity Deficiency Analysis) Collect and review existing and traffic forecasts and the travel demand model to evaluate systemwide LOS conditions. This data will be used to evaluate transportation improvements and develop problem statements (purpose and need) for priority projects.

#### II-A-3 Transportation Modeling

- Objective: To assist in maintaining the Piedmont Triad Regional Model (PTRM) for the BGMPO planning area that provides capacity to perform simulations and scenario planning on a continuing basis for examining localized modeling for traffic activity within the BGMPO planning area.
- II-A-3 (Travel Model Update) The MPO will continue to coordinate with the NCDOT, PART and regional MPO's to develop the regional travel model and assist as needed in assessment of transportation modeling databases and planning tasks to be completed for long range planning updates. The MPO will utilize the updated regional model in cooperation with all model team members and provide staff support and financial resources for model maintenance. Consultants may be contracted to provide additional model support during the year.

- II-A-3 (Forecast of Future Travel Patterns) Review of transportation planning documents, ITS studies and new technologies for impacts to future travel patterns. Testing of alternative/future travel patterns is also an element in the Regional Model and CTP Update task. Provide guidance and expertise on the variables and characteristics of travel behaviors and encourage modal choice.
- II-A-3 (Financial Planning) Update and adjust cost estimates on regional projects as needed based on NCDOT's spending plan. The MPO will develop realistic, best estimates of funding sources available and project cost estimates throughout the forecast years for the STIP, MTP and TIP and other pertinent planning efforts. Monitor and adjust cost estimates prepared for MTP Horizon Year tables.

#### II-B Planning Process

Objective: To plan for efficient movement of people and goods through linkages between modes of transportation by updating both the MTP and CTP; to examine transportation system deficiencies and determine areas of congestion (incident and recurring) throughout the urban area, which may be reduced by congestion management techniques and strategies, making more efficient use of the existing transportation system including times of emergencies to include improvements in the City of Burlington signal system.

#### Programmed Amount: \$105,000

II-B-1 (Air Quality Planning/Conformity Analysis) Monitor regulatory agencies and review proposed standards - in combination with the Triad and Triangle Modeling effort. The MPO staff also monitored state and federal air quality regulations and their relationship to the Travel Demand Model process. Participation on the Triad Interagency Coordination Team and consultation process.

32% Staff Budget

II-B-1 (Freight Movement / Mobility) Regional Freight Study Phase III that the MPO will use to better integrate freight and goods movement into the regional transportation planning process. Freight policies, strategies, and projects specific to BGMPO region identified in the study will be incorporated into the next update of the MTP and MTIP. Freight deficiencies and improvement strategies will be developed. This work is also associated with the Model Development work task.

II-B-2 Regional Planning

- Objective: To increase public awareness and implement the shared vision of the BGMPO planning area in 2045, particularly focused on enhancement of identified multimodal corridors and systems.
- II-B-2 (Community Goals & Objectives) Conduct open TCC and TAC meetings to allow public input and community involvement. The MPO will work with member agencies and the public to gather community input on the region's transportation goals and objectives for all modes.
- II-B-2 (Highway Element of the MTP) Continue update of traffic data for MTP/CTP and Travel Model. Incorporate the Comprehensive Transportation Plan mapping and descriptions.
- II-B-2 (Transit Element of the MTP) Collect, analyze and store data necessary for conducting a viable transit planning process. Coordinate local and regional transit planning activities, and encourage citizen knowledge and awareness of public and private transit services.
- II-B-2 (Bike & Ped Element of the MTP) Work with MPO partners to update bike and pedestrian maps as needed. Work with MPO partners to consider local bike and pedestrian plans for future adoption.

<u>II-B-3</u> Objective:	<u>Special Studies</u> To examine specific projects involving multimodal issues and linkages with land use, as well as factors that affect future growth patterns, economic development, community design, and impacts on the transportation systems (special area plans, traffic impact studies, corridor studies, CTPs, etc). The MPO will conduct and assist member jurisdictions conducting transportation planning studies on an as- needed basis pending TAC approval. Two studies have been identified for FY 22: US 70 West <i>Multimodal Corridor Study</i> to analyze the US 70 Corridor from NC-119 Bypass - Lake Latham Road intersection - in Mebane to the NC-751 intersection. The study would commence early 2022 and conclude summer 2023, thus spanning two UPWP fiscal years. The study will be managed by Orange County and conducted by a consultant. <i>BGMPO Highway Safety Plan to</i> establish performance measurement baselines and an evaluation criterion to assess progress towards meeting or exceeding NCDOT regional performance targets. The proposed project schedule for developing the plan is July 1, 2021 – March 31, 2022. The study will be managed by the MPO and conducted by a consultant.						
<u>III-A</u> Objective:	To maintain the current fiscal year UPWP	<u>Planning Work Program</u> and develop a UPWP on an annual basis.					
	Programmed Amount: \$12,500	4% Staff Budget					
III-A-1	(Planning Work Program) MPO staff will continue to develop a draft UPWP; present draft UPWP to TCC and TAC for review and adoption; evaluate, administer, and amend the final UPWP as necessary; and, develop quarterly reports and invoices to NCDOT for reimbursement of planning funds. Prepare UPWP amendments and corresponding resolutions as needed.						
<u>III-B</u> Objective:	<u>Transportation Improvement Program</u> To maintain the Transportation Improvement Program (TIP) and appropriate revisions as needed through the Strategic Prioritization Process and STIP updates; to develop the TIP with a comprehensive update for adaption every five years.						
	Programmed Amount: \$40,000	12% Staff Budget					
III-B-1	(Prioritization/Transportation Improvement Program) Continue to refine the previous year TIP based on NCDOT program changes, satisfying federal and state requirements. Prepare and process changes or amendments necessary. Staff will participate as necessary in workshops, training, and meetings regarding the NCDOT prioritization process (Ongoing throughout fiscal year). Coordinate with SPOT Office and member jurisdictions with development of draft STIP and TIP. Monitor TIP and MTP and present updates based upon STIP updates and amendments.						
III-C	Civil Rights Compliance/Other Regulations						
Objective:	To continue active citizen education, partic in all aspects of the BGMPO planning proc	ipation and underrepresented populations involvement ess.					
	Programmed Amount: \$10,000	3% Staff Budget					

- III-C-2 (Environmental Justice) Review and monitor public participation processes for environmental justice compliance. Evaluate Public Involvement Plan and project planning for updates or improvements.
- III-C-3 (Disadvantaged Business Enterprise/Minority Business Enterprise) Develop procurement programs and adhere to federal, state and local policies regarding the active participation of disadvantaged and minority businesses in MPO solicitations.
- III-C-6 (Public Involvement) To increase public participation in the metropolitan transportation planning process especially from those segments of the population that are considered to be traditionally underserved through a comprehensive public outreach program in accordance with the Public Involvement Plan; increase public awareness of the MPO and its role; increase the opportunities for public involvement; and update the Public Involvement Plan as necessary.

#### III-D Statewide and Extra-Regional Planning

Objective: To support statewide and regional transportation and related planning efforts. To foster better coordination of planning efforts across jurisdictional boundaries, promote better informed decision-making by policy makers and an informed general public. To support implementation of the 2045 MTP.

Programmed Amount: \$10,000

III-D-1 (Regional & Statewide Studies) Coordination with federal, state and regional stakeholders on various transportation planning efforts.

3% Staff Budget

25% Staff Budget

#### III-E Management Operations/Program Support Admin.

Objective: To effectively and efficiently administer and manage initiatives of the MPO, facilitate TAC and TCC advisory committees and subcommittees; ensure compliance with federal and state requirements with regard to MPO activities; special studies procurement; review and development of various reports; staff training and resources to conduct MPO activities.

#### Programmed Amount: \$81,367

III-E (Incidental Planning & Project Development/Operations)

To maintain an effective and efficient continuing, cooperative and comprehensive (3-C) transportation planning process in the administration and operation of MPO duties and functions. Monitor of state and federal transportation legislation, assist in the procurement of MPO and member jurisdiction special studies. Facilitate and attend MPO-meetings, webinars, workshops and conferences. Technical review and analysis of transportation plans and documents. TCC and TAC member coordination to include the facilitation of meetings and public hearings, public notification and website maintenance and updates. Provide technical services in support and maintenance of GIS data layers, shapefiles and geodatabases.

(Travel)

Given the increased risk exposure inherent in traveling, the BGMPO will discourage business travel and follow local and state travel policies related to COVID-19. NCDOT has implemented a pre-approval procedure to review the eligibility for all training paid with federal funds unless included in the UPWP. The BGMPO anticipates attending the following virtual events, meetings, conferences and training in addition to those that are reasonable and necessary for the normal course of business:

- NCAMPO (conference and all other meetings/events)
- AMPO (conference and all other meetings/events)
- TRB (conference and all other meetings/events)
- AASHTO (conference and all other meetings/events)
- NHI (conference and all other meetings/events)

- NTI (conference and all other meetings/events)
- APA (conference and other meetings/events related to transportation/land use/ tech skills/law/ethics)
- APA-NC (conference and other meetings/events related to transportation/land use/ technical skills/law/ethics)
  - Alamance Community College (continuing education/professional certification classes)
- USDOT (conference and all other meetings/events)
- NCSU ITRE (training and all other meetings/events)
- ESRI (conference and other meetings/events related to transportation/land use/ tech skills/law/ethics)
- Caliper (conferences and other meetings/events related to transportation/land use/tech skills)
- NCDOT (meetings/classes/summits/workshops/workgroups/public meetings/steering committees, etc.)
- MPO/RPO (regional or division wide meetings)
- Member jurisdictions (transportation related public meeting, workshops, events, steering committees, etc.)

#### Burlington - Graham Urban Area MPO 2021-2022 PWP

#### Metropolitan Planning (PL) 23 U.S.C. 104(f) Funding Summary

		tan Planning (PL) 23 U.S.C. 104(r) Funding Summary	MPO Planning and Admin - PL					Ľ
				Highway / Transit				
FTA CODE	TASK CODE	TASK DESCRIPTION		Local Federal 20% 80%		TOTAL		
	II-A	Data and Planning Support	\$	13,600	\$	54,400	\$	68,000
44.24.00	II-A-1	Networks and Support Systems • Traffic Volume Counts • Vehicle Miles of Travel (VMT) • Street System Changes • Traffic Crashes • Transit System Data • Air Travel • Central Area Parking Inventory • Bike/Ped Facilities Inventory • Collection of Network Data • Capacity Deficiency Analysis • Mapping	\$	5,600	\$	22,400	\$	28,000
44.23.01	II-A-2	II-A-2 Travelers and Behaviour • Dwelling Unit, Population and Employment Changes • Collection of Base Year Data • Travel Surveys • Vehicle Occupancy Rates (Counts) • Travel Time Studies		3,000	\$	12,000	\$	15,000
• Tra • Fo • Fo		Transportation Modeling • Travel Model Update • Forecast of Data to Horizon Year • Forecast of Future Travel Patterns • Financial Planning	\$	5,000	\$	20,000	\$	25,000
	ШВ	Planning Process	¢	21 000	¢	84.000	¢	105 000
44.23.02	II-B-1	Planning Process Targeted Planning	\$ \$	<b>21,000</b> 1,000	<b>\$</b> \$	<b>84,000</b> 4,000	\$ \$	<b>105,000</b> 5,000
		<ul> <li>Air Quality Planning/Conformity Analysis</li> <li>Alternative Fuels/Vehicles</li> <li>Hazard Mitigation and Disaster Planning</li> <li>Congestion Management Strstegies</li> <li>Freight Movement/Mobility Planning</li> </ul>	Ŷ	1,000	Ŷ	1,000	Ŷ	0,000
44.23.01	II-B-2	Regional Planning • Community Goals and Objectives • Highway Element of the CTP/MTP • Transit Element of the CTP/MTP • Bicycle and Pedestrian Element of CTP/MTP • Airport/Air Travel Element of CTP/MTP • Collector Street Element of CTP/MTP • Rail, Waterway, or other Mode of the CTP/MTP	\$	2,000	\$	8,000	\$	10,000
44.27.00	II-B-3	Special Studies	\$	-	\$	-	\$	-
		BGMPO Highway Safety Plan	\$	15,000		60,000	\$	75,000
		US 70 West Multimodal Corridor Study	\$	3,000	\$	12,000	\$	15,000
	III-A	Planning Work Program	\$	2,500	\$	10,000	\$	12,500
44.21.00	III-A-1	Planning Work Program	\$	1,000	\$	4,000	\$	5,000
44.24.00	III-A-2	Metrics and Performance Measures	\$	1,500	\$	6,000	\$	7,500
	III-B	Transp. Improvement Plan	\$	8,000	\$	32,000	\$	40,000
44.25.00	III-B-1	Prioritization	\$	5,000	\$	20,000	\$	25,000
44.25.00	III-B-2	Metropolitan TIP	\$	2,000	\$	8,000	\$	10,000
44.25.00	III-B-3	Merger/Project Development	\$	1,000	\$	4,000	\$	5,000
	III-C	CvI Rgts. Cmp./Otr .Reg. Reqs.	\$	2,000	\$	8,000	\$	10,000
44.27.00	III-C-1	Title VI Compliance	<b>ə</b> \$	2,000	э \$	2,000	<b>₽</b> \$	2,500
44.27.00	III-C-2	Environmental Justice	\$	500	\$	2,000	\$	2,500
44.27.00	III-C-3	Minority Business Enterprise Planning	\$	500	\$	2,000	\$	2,500
44.27.00	III-C-4	Planning for the Elderly	\$	-	\$	-	\$	-
44.27.00	III-C-5	Safety/Drug Control Planning	\$	-	\$	-	\$	-
44.27.00	III-C-6	Public Involvement	\$	500	\$	2,000	\$	2,500
44.27.00	III-C-7	Private Sector Participation	\$	-	\$	-	\$	-
44.27.00	III-D	Statewide and Extra-Regional Planning	\$	2,000	\$	8,000	\$	10,000
44.27.UU	ט-ווו		Φ	2,000	Φ	0,000	φ	10,000
44.27.00	III-E	Management Ops, Program Support Admin TOTALS	\$ \$	16,274 16,274	\$ \$	65,093 261,493	\$ \$	81,367 326,867

#### Disadvantaged Business Enterprise Opportunities

#### Name of MPO: Burlington - Graham Metropolitan Planning Organization

Person Completing Form: Wannetta Mallette

**Telephone Number: (336) 513-5418** 

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal funds to be Contracted Out	Total Funds to be Contracted Out
45, 141,260, 261	US 70 West Mulitmodal Corridor Study	TBD	Consultant	\$15,000	\$150,000
45, 141,260, 261,458,459,497,462	BGMPO Highway Safety Plan	TBD	Consultant	\$60,000	\$75,000

## BURLINGTON GRAHAM METROPOLITAN PLANNING ORGANIZATION

# FY 2022 Draft Unified Planning Work Program January 19, 2021





Overview

Funding Sources
FY 21 Accomplishments
FY 22 Proposed Work Tasks and Budget
Submission Schedule
Questions

# **UPWP** Overview

- The Unified Planning Work Program (UPWP) is the MPO's federally required annual work program.
- The UPWP identifies MPO staff work tasks conducted within the fiscal year (July 1, 2021 – June 30, 2022).
- The UPWP affirms the MPO will conduct its activities in a continuing, cooperative and comprehensive (3-C) manner.

# **UPWP** Funding Sources

- UPWP funding consists of federal funds (Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)) and local match contribution(s).
- Federal funding is allocated to the states. State funds are sub-allocated to MPOs by a distribution allocation based on the urbanized area population and planning needs identified in the work program.
- FHWA provides 80% of the funding for non-transit activities.
   FTA (5303 and 5307) provides 90 80% of funding for transit related activities.

# FY 2021 UPWP Accomplishments

- Adoption of 2045 regional travel demand model
- Adoption of 2045 MTP
- Public Involvement Plan update
- Submission of P6.0 projects and coordination with NCDOT staff and stakeholders regarding P6.0 Express Feasibility Design Projects
- Expanded staff to include GIS/Transportation Planner
- Hosted CommunityViz Workshop
- Completion of two Special Studies
- Implementation of 3-C planning processes
   And more...

# FY 2022 UPWP Proposed Activities

- Assist the Model Custodian with needed travel demand model updates and development of a Triad Household Travel Survey
- Implement a Highway Safety Program
- Develop CommunityViz regional growth strategies and scenarios
- Integrate GIS capabilities into the metropolitan planning process
- Develop two Special Studies US 70 West Corridor Plan and MPO Highway Safety Plan
- Continued work activities associated with P6.0/2022-2031 TIP Development
- Host meetings with transit agencies and NCDOT PTD; Sponsor MPO workshops and training sessions; coordinate with regional stakeholders
- Routine 3-C planning, MTP and UPWP updates
- And more....

# FY 2022 Draft UPWP PL Budget

Funding Summary (July 1, 2021 – June 30, 2022)

		8						
	PL Funds	s			Tra	insit Funds*		
Task Description	FHWA (80%)	City of Burlington/ Local Match (20%)	Total	۶T	A (8o%)	NCDOT – PTD (10%)	City of Burlington/ Local Match (10/20%)	Total
Data and Planning	\$54,400	\$13,600	\$68,000	5303	\$43,184	\$5,398	\$5,398	\$53,980
Planning Process	\$84,000	\$21,000	\$105,000	5307	\$120,000		\$30,000	\$150,000
Work Program	\$10,000	\$2,500	\$12,500					
TIP	\$32,000	\$8,000	\$40,000	*Antici	pated based	on FY21 alloc	ations	
Reg. Compliance	\$8,000	\$2,000	\$10,000					
State and Regional Planning	\$8,000	\$2,000	\$10,000					
Administrative Support	\$65,093	\$16,274	\$81,367					
Total	\$261,493	\$65,374	\$326,867					
FY 21 PL Fund Allocation	\$213,179							
% Increase in Funding	23%							

# FY 2022 UPWP SUBMISSION SCHEDULE

Dates	Activity
January 19, 2021	Draft UPWP release for public comments
January 22 – February 23, 2020	Public review period
February 26, 2021	Deadline to submit Draft UPWP to NCDOT-TPD/PTD for review
March 16, 2021	Public hearing and TCC and TAC approval of FY 22 UPWP and certification of planning process
March 15, 2021	Deadline for Final UPWP submitted to NCDOT-TPD/PTD (Extended to May 31, 2021 due to ongoing Covid pandemic.

# Staff Recommendation

# Recommend TAC release the FY 2022 draft UPWP for 30-day public comment period



# For More Information

Wannetta Mallette BGMPO Administrator wmallette@burlingtonnc.gov (336) 513-5418

www.bgmpo.org



## BURLINGTON-GRAHAM METROPOLITAN PLANNING ORGANIZATION

2020-2029 Transportation Improvement Program As Amended December 2020





### RESOLUTION ADOPTING THE AMENDED 2020 – 2029 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM AND AMENDED 2045 METROPOLITAN TRANSPORTATION PLAN FOR THE BURLINGTON - GRAHAM METROPOLITAN PLANNING ORGANIZATION

A motion was made by TAC member \_\_\_\_\_\_ and seconded by \_\_\_\_\_\_ for adoption of the resolution below, and upon being put to a vote was duly adopted on this \_\_\_\_\_ day of \_\_\_\_\_\_, 2021.

- WHEREAS, the provisions of 23 CFR Part 450 requires Metropolitan Planning Organizations (MPOs) to develop a multimodal, financially constrained Metropolitan Transportation Plan (MTP) with at least a twenty year planning horizon and,
- WHEREAS, the Transportation Advisory Committee (TAC) of the Burlington Graham Metropolitan Planning Organization (BGMPO) is the MPO for the Burlington - Graham metropolitan planning area; and,
- WHEREAS, through the conduct of a continuing, comprehensive and coordinated transportation planning process in conformance with applicable federal and state requirements, the BGMPO developed the latest MTP with a 2045 horizon year; and,
- WHEREAS, the BGMPO, in cooperation with the North Carolina Department of Transportation and with operators of publicly owned transit services, rail operators, the aviation authority and the bicycle and pedestrian community, adhered to the metropolitan transportation planning process in the development of the BGMPO 2045 MTP; and,
- WHEREAS, the 2045 MTP was developed through a strategic, proactive, comprehensive public outreach and involvement program and local, regional and federal interagency coordination and involvement; and,
- WHEREAS, the 2045 MTP contains an integrated set of strategies and investments to maintain, manage and improve the transportation system in the planning region through the year 2045 and calls for development of an integrated intermodal transportation system that facilitates the based reasonable available funding provisions; and,
- WHEREAS, the 2045 MTP integrates a Congestion Management Process identifying the most serious congestion problems and evaluating and incorporating, as appropriate, all reasonably available actions to reduce congestion, such as travel demand management and operational management strategies for all corridors with any proposed capacity increase; and,
- WHEREAS, the 2045 MTP meets federal air quality standards and is in attainment status for these standards; and,
- WHEREAS, the 2045 MTP includes, to the maximum extent practicable, a discussion of the performance measures and targets used in assessing the performance of the transportation system (Ref: 23 CFR 450.324) (f) (3)); and subsequent updates evaluating the condition and performance of the transportation system with respect to the performance targets described in 23 CFR §450.306(d); and,
- WHEREAS, the 2045 MTP includes a financial plan that demonstrates how the adopted transportation plan can be implemented; and,
- WHEREAS, the BGMPO shall review and update the 2045 MTP at least every 5 years in attainment areas to confirm the transportation plan's validity and consistency with current and forecasted

transportation and land use conditions and trends and to extend the forecast period to at least a 20-year planning horizon; and,

WHEREAS, the projects listed in the FY 2020 – 2029 MTIP as amended are included in the State Transportation Improvement Program and balanced against anticipated revenues; and

WHEREAS, the BGMPO 2020 – 2024 MTIP as amended is a direct subset of the 2045 MTP; and,

WHEREAS, the public has had the opportunity to review and comment on the Amended 2020 – 2024 MTIP through public meetings and document sharing; and

NOW, THEREFORE, BE IT RESOLVED, that the Burlington - Graham Metropolitan Planning Organization Transportation Advisory Board hereby approves the amended 2020 – 2024 Metropolitan Transportation Improvement Program and 2045 Metropolitan Transportation Plan.

CERTIFICATE: The undersigned certifies that the foregoing is a true and correct copy of a resolution adopted by the voting members of the TAC on \_\_\_\_\_, 2021.

Chair Transportation Advisory Committee

STATE of: North Carolina COUNTY of Alamance

I, \_\_\_\_\_\_, Notary Public of \_\_\_\_\_\_ County, North Carolina do hereby certify that \_\_\_\_\_\_personally appeared before me on the \_\_\_\_\_day of \_\_\_\_\_\_ 2021 to affix his signature to the foregoing document.

Notary Public
My Commission expires: \_\_\_\_\_

### **Burlington – Graham Metropolitan Planning Organization (BGMPO)**

The Burlington-Graham area was designated an "Urbanized Area" by the U.S. Bureau of Census in 1974. As a result of this designation, the Burlington-Alamance area formed the Burlington Graham Metropolitan Planning Organization (BGMPO) in 1975. MPOs represent areas greater than 50,000 in population, and North Carolina has 19 MPOs throughout the state. With this new designation came the responsibility of adhering to federal continuing planning requirements. Furthermore, a Memorandum of Understanding (MOU) was executed between the Cities of Burlington, Graham, and Mebane; the Towns of Elon, Gibsonville, Whitsett, Green Level and Haw River; the Village of Alamance; Guilford County, Orange County and Alamance County; and the North Carolina Department of Transportation (NCDOT) in 2012. The memorandum delineated responsibilities in maintaining and continuing planning process and established a Technical Coordinating Committee (TCC) with the responsibility for general review, guidance, and coordination of the continuing planning process. A Transportation Advisory Committee (TAC), comprised of representatives of the elected policy boards in the urban area, was also established to assure coordination between the elected officials, policy boards and the transportation planning process.

### 2020-2029 State Transportation Improvement Program

The N.C. Board of Transportation adopted the 2020-2029 State Transportation Improvement Program (STIP), December 2020. The STIP identifies transportation projects that will receive funding developed under the 2013 Strategic Transportation Investments (STI) law.

Work on the 2020-2029 State Transportation Improvement Program began in April 2018, when the N.C. Department of Transportation released data for over 2,100 projects for highway and non-highway modes (aviation, rail, bicycle and pedestrian, ferry and public transportation) across North Carolina. Projects scheduled in the first six years of the plan are considered committed and are not re-evaluated when a new plan is developed. Projects in the final four years of each plan are prioritized again based on technical data, as well as input from local officials and residents. These projects were scored through the data-driven scoring approach called Strategic Prioritization. Division engineers, along with metropolitan and rural planning organizations, collected public input and ranked potential projects, as required by the STI.

After the release of the Draft STIP in January 2019, NCDOT hosted regional information sessions in the spring to gather public input on the process that produced the Draft STIP. Feedback was also collected online. In August 2019, NCDOT released the final draft of the 2020-2029 STIP, which included both new projects and schedule adjustments. More than 1,700 projects are included in the N.C. Department of Transportation's 2020-2029 State Transportation Improvement Plan, or STIP; 1,319 highway projects, 86 aviation, 234 bicycle and pedestrian, 6 ferry, 23 public transit, and 50 rail projects were funded at the statewide, regional and division levels. NCDOT then accepted further public comment, before the NC Board of Transportation and the Federal Highway Administration approved the draft STIP in September 2019. The September 2019 STIP pended federal approval and received final approval, March 2020. In light of the COVID-19 pandemic and resulting impact on revenues, the passage of House Bill 77 into law, and project cost increases occurring over the past year, NCDOT conducted a reprogramming exercise to ensure the STIP remains fiscally constrained, August 2020.

### 2020 – 2029 Metropolitan Transportation Improvement Program

The Metropolitan Transportation Improvement Program (TIP) is based on federal requirements established and documented in the Code of Federal Regulations, Title 23. The primary goal of the federal requirements is to ensure that tax dollars are spent on useful, meaningful projects that are supported by the residents/taxpayers of the Burlington- Graham Urban Area (BGUA). The TIP is a subset of the STIP and lists regional transportation project schedules and estimated project costs. The MPO's adoption of the TIP typically follows the NCDOT Board of Transportation adoption of the STIP.

The BGMPO is responsible for maintaining a long-range Metropolitan Transportation Plan (MTP) for the MPO planning area. The MTP outlines the BGMPO's transportation-related goals and objectives and addresses transportation related issues and impacts over a minimum 20-year horizon. The TIP is the "short-range" component of the BGMPO's 2045 Metropolitan Transportation Plan (MTP). As NCDOT has demonstrated fiscal constraint in the 2020-2029 STIP adopted on December 4, 2020, the TIP is a subset of the STIP and by extension demonstrates fiscal constraint. The development of the TIP is a continuous process and is updated every two to three years to provide a platform for sharing updated information and to ensure compliance with federal regulations and established air quality requirements. Development of the TIP is conducted in accordance with the BGMPO Public Involvement Plan and adoption and associated actions are taken during an advertised public meeting with opportunity for public comment.

### PROPOSED AMENDMENTS AND MODIFICATIONS

### TO TRANSPORTATION PROJECTS IN THE

### BURLINGTON - GRAHAM MPO (BGMPO) TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

					TI	P As Amended	December	2020		
ID Number	Facility	City/County	Location	Project Description		nmitted 020-2024)		mental STIP 025-2029)		
					PE/ROW	Construction	PE/ROW	Construction	Cos	t/Funding
INTERSTATE										
I-5954	I-40/85	Alamance/Orange	East of N 54 In Graham to West of Buckhorn Road	Pavement Rehabilitation	Under	Construction			\$	11,179,000
I-5836	I-40/85	Graham	NC 49 to NC 54	Pavement Rehabilitation	Under	Construction			\$	100,000
I-5956	I-40/85	Alamance/Guilford	East of Rock Creek Dairy Road to West of University	Pavement Rehabilitation	Under	Construction			\$	4,702,000
				Construct left turn lane and improve Garden Road						
I-6009	I-40/85	Burlington	Huffman Mill Road	Operations			FY 2028	FY 2029	\$	1,597,000
I-5711	I-40/85	Mebane	Mebane Oaks Road	Interchange Improvements		FY 2021/2023			\$	19,919,000
I-5309	I-40/85	Alamance	Guilford County Line to East of NC 49	Pavement Rehabilitation	Under	Construction			\$	14,411,000
I-6059	I-40/85	Mebane	Trollingwood-Hawfields Road	Interchange Improvements			FY 2028	Post STIP	\$	12,400,000
I-5958	I-40/85	Mebane	Buckhorn Road to Orange Grove Road	Pavement Rehabilitation			FY 2027	FY 2028	\$	8,840,000
HIGHWAY										
R-5787	Various	Division 7	Division wide	ADA Intersection Upgrades	In I	Progress			\$	6,189,000
U-3110 A/B	New Route	Elon	US 70 to Westbrook	Construct Multilane Facility Part on New Location	C	omplete			\$	30,477,000
U-6011	US 70	Burlington	Huffman Mill Road	Intersection Improvements	FY 2023	FY 2025			\$	4,278,000
U-5752	US 70	Burlington	St. Marks Church Road	Intersection Improvements	Under	Construction			\$	4,278,000
U-6009	US 70	Burlington	Tarleton Avenue to Fifth Street	Widen and Construct Center Turn Lane			FY 2027	Post STIP	\$	11,969,000
U-6183	NC 49	Haw River	Wilkins Road and Bason Road	Intersection Improvements			FY 2027	Post STIP	\$	2,700,000
U-6115A	NC 54	Graham	Riverbend Road and Johnson Street	Intersection Improvements			FY 2028	Post STIP	\$	2,700,000
U-6115B	NC 54	Graham	I-40/85 Interchange	Upgrade Ramp Intersections			FY 2028	Post STIP	\$	6,300,000
U-6115C	NC 54	Graham	Woody Drive	Intersection Improvements			FY 2028	Post STIP	\$	2,900,000
U-6115D	NC 54	Graham	Woody Drive and Whittemore Road	Upgrade Pipe Culverts			FY 2028	Post STIP	\$	1,900,000
U-6184	NC 54	Burlington	South O'Neal Street	Intersection Improvements			FY 2027	Post STIP	\$	14,600,000
U-6010	US 70	Burlington	University Drive	Intersection Improvements and Widening of US 70		FY 2022			\$	8,400,000
U-5844	NC 62	Burlington	Ramada Road to Church Street	Widen to Multilanes	FY 2023	FY 2024		FY 2025	\$	11,400,000
U-6182	NC 87	Burlington	Flora Avenue	New Traffic Signal/Turn Lanes	2020	202 .	FY 2027	Post STIP	\$	1,300,000
U-3109	NC 119	Mebane	I-85 to North to Mrs. White Road	Relocation	Under	Construction	2021		\$ 1	31,561,000
U-6013	NC 119	Mebane	Trollingwood-Hawfields Road to Lowes Boulevard	Widen to Multilanes	FY 2022	FY 2024		FY 2025	\$	9,100,000
U-6214	E. Haggard	Elon	W. Webb at University Drive	Improve Intersection	1 1 2022	112024	FY 2027	Post STIP	Ŧ	13,000,000
U-5538	New Route	Mebane	Trollingwood-Hawfields Road to Industrial Site	Construct Two-Lane Road	Under	Construction	1 1 2021	1 001 0 1 1	\$	3,740,000
U-6114	NC 62	Burlington	Hatchery Road at Bonnie Lane	New Traffic Signal/Turn Lanes	FY 2025			FY 2027	\$	15.210.000
U-6014	Graham-Hopedale Road	Burlington	W. Hanover Road to Morningside Drive	Widen to Multilanes with Bike/Ped Lanes	FY 2022	FY 2024		FY 2026		15,900,000
U-6132	N. Main Street	Graham	W. Parker Street	Intersection Improvements	1 1 2022	1 2027	FY 2028	Post STIP	φ \$	3,000,000
U-6131	NC 54	Burlington	Maple Avenue	Intersection Improvements	FY 2025		1 1 2020	FY 2026	φ \$	1,610,000
U-6017	NC 54	Graham	East Elm Street	Intersection Improvements	FY 2025	FY 2022	-	1 2020	ф \$	1,696,000
U-5843	US 70	Burlington	Graham-Hopedale Road	Intersection Improvements	-	Construction			φ \$	7,160,000
SIGNAL SYSTEM	0070	Bunington			onder				φ	7,100,000
U-6015	Burlington	Burlington/Graham	Upgrade	Upgrade Signal System	Lindor	Construction	1		\$	16.439.000
BRIDGE REPLACEM		puningion/Granam			Under	Construction	1		φ	10,439,000
B-4960	1	Guilford	Little Alemanae Creek	Bridge Deplesement	Linder.	Construction	1		\$	3,514,000
B-4960 B-6052	Judge Adams Road	-	Little Alamance Creek	Bridge Replacement	FY 2024	Construction		EV 2026	\$	
B-5347	Trollingwood Road	Alamance	NCRR/Norfolk Southern Railroad	Bridge Replacement	-			FY 2026	\$ \$	3,000,000
D-004/	Pond Road	Alamance	Alamance Creek	Bridge Replacement	Under	Construction	ļ		5	1,560,000

					T	IP As Amended	December 2020		
ID Number	Facility	City/County	Location	Project Description	Co	mmitted	Developmental STIP		
	-				PE/ROW	Construction	PE/ROW Construction	Cos	t/Funding
				Safety improvements at various locations in Division					
W-5207	Various	Division 7	Division wide	/		Construction		\$	5,636,000
W-5707	Various	Division 7	Division wide	Safety improvements at various locations in Division		Progress		\$	4,757,000
VV-5707	Valious	DIVISION		Safety improvements at various locations in Division		Flogless		φ	4,737,000
W-5807B	Various	Division 7	Division wide	7	FY 2022	FY 2023		\$	76,000
R-5787	Various	Division 7	Division wide	Intersection Upgrades for ADA Compliance		Progress		\$	3,089,000
CONGESTION MANAGI	EMENT	•			•		•		
C-5602	Various	CMAQ		Air Quality and Congestion Improvements		FY 2020		\$	57,000
MITIGATION PROJECT	S			· · · ·					
EE-4907	Various	Division 7	Division wide	Project Mitigation	In	Progress		<b>\$</b> 1	18,169,000
AVIATION									
AV-5851	Burlington/Alamance Airport	Burlington	Runway	Construct Paved Overrun/Safety Improvements		FY 2022		\$	2,080,000
AV-5737	Burlington/Alamance Airport	Burlington	Runway 24 Approach Improvements	Easements and Construction Clearance	FY 2021			\$	1,363,000
BICYCLE AND PEDEST	RIAN								
EB-5879	US 70	Burlington	Graham-Hopedale Road to Sellars Mill Road	Construct Sidewalk	FY 2021	FY 2021		\$	94,000
EB-5885	US 70	Burlington	Beaumont Avenue to Graham-Hopedale Road	Construct Sidewalk		FY 2020		\$	120,000
EB-5882	Graham-Hopedale Road	Burlington	W. Hanover Road to N. Mebane Street	Construct Sidewalk	FY 2020	FY 2021		\$	137,000
EB-5887	NC 49/ NC 54	Graham	W. Pine Street to N. Marshall Street	Construct Sidewalk	FY 2021	FY 2022		\$	175,000
EB-5884	NC 87	Graham	Ivey Road to E. Gilbreath Street	Construct Sidewalk		roject Removed Pe		\$	539,000
EB-5988	Lee Avenue	Elon	W. Lebanon Avenue to W. Haggard Avenue	Construct Sidewalk	FY 2024/25		FY 2026	\$	307,000
TRANSIT		1	1		T			1	
TG-6187	Statewide			Formula Funding		FY 202		\$	3,751,000
TG-6811B	ACTA	Alamance		Funding for Preventive Maintenance		FY 20		\$	46,000
TA-6733	LinkTransit	Alamance		Capital Assistance		FY 20		\$	1,235,000
TD-6322	LinkTransit	Alamance		Capital Assistance		FY20		\$	60,000
TG-6812A	LinkTransit	Alamance		ADA Services		FY 20	020	\$	211,000
TO-6170	LinkTransit	Alamance		Operating Assistance		FY 20	020	\$	3,394,000
TP-5162	LinkTransit	Alamance		Planning for Facility Feasibility Study		FY 20	020	\$	95,000
TP-5161	LinkTransit	Alamance		Planning for Fixed Route Service Expansion		FY 20	020	\$	5,000
TO-5220	BGMPO	Orange		Operating Assistance		FY 20	)20	\$	282,000
TO-6151	LinkTransit	Guilford		Operating Assistance		FY 202	20/21	\$	4,032,000
TO-6142	Statewide	Statewide		Formula Funding		FY 202	20/22	\$	18,778,000
TO-5214	ACTA	Alamance		Operating Assistance		FY 202	20/27	\$	10,060,000
TK-6103	ACTA	Alamance		Administration		FY 202	20/23	\$	4,882,000
TG-6137B	PART	Alamance		Capital		FY 202	20/25	\$	1,000,000
TO-5136	PART	Alamance/Guilford		Operating Assistance		FY 202		\$	11,817,000
TO-5134	PART	Alamance		Operating Assistance		FY 202	20/25	\$	3,806,000
PASSENGER RAIL									
P-4405	Various	Division 7		Private Crossings Safety		In Prog		\$	10,291,000
RC-2007	Various	Division 7		Traffic Separation Study		To Be Re	quested		
RX-2007	Various	Division 7		Highway-Rail Grade Crossing Safety Improvements		To Be Re	quested		
Y-5807	Various	Division 7		Traffic Separation Study		To Be Re	quested		
Z-5807	Various	Division 7		Highway-Rail Grade Crossing Safety Improvements		To Be Re	quested		
P-5719	Piedmont Corridor	Division 7		Purchase and Refurbish Rail Cars		In Prog	ress	\$ 4	45,277,000
P-5205	Piedmont Corridor	Alamance	Graham to Haw River	Siding and Curve Realignment	1	Under Con			11,605,000
P-2918	Piedmont Corridor	Division 7	Train 74/75	Equipment and Capital Yard Maintenance		In Proc	iress		74,422,000

			RESURFACI	NG			
020							
WBS	Plan Year	Route Name	County	From Description	To Description	To Description	Length
N/A	2020	US 70	001-Alamance	SR 1928	SR 1301	SR 1301	8.40
N/A	2020	Friendship-Patterson Mill Rd.	001-Alamance	NC 62	SR 2321	SR 2321	4.88
N/A	2020	Hatchery Rd.	001-Alamance	SR 1154	NC 62	NC 62	0.98
N/A	2020	O'Neal-Rockwood Conn.	001-Alamance	US 70	SR 1323	SR 1323	1.30
N/A	2020	Pond Rd.	001-Alamance	SR 1149	END MAINT	END MAINT	1.70
N/A	2020	Whitsell Dr.	001-Alamance	SR 1158	END MAINT	END MAINT	0.13
N/A	2020	Inge Rd.	001-Alamance	SR 1216	SR 1166	SR 1166	0.14
N/A	2020	Altamahaw Church St.	001-Alamance	SR 1571	CUL-DE-SAC	CUL-DE-SAC	1.31
N/A	2020	Alfred Rd.	001-Alamance	SR 2159	SR 2158	SR 2158	0.96
N/A	2020	Cedar Cliff Rd.	001-Alamance	SR 2116	NC 87	NC 87	1.67
N/A	2020	Harden St. (NC 54)	001-Alamance	US 70 (W)	NC 49	NC 49	2.17
)21						•	
WBS	Plan Year	Route Name	County	From Description	To Description	To Description	Length
N/A	2021.00	NC 62	001-Alamance	GCL	I-40	I-40	7.05
N/A	2021.00	Mt. Willen Rd.	001-Alamance	SR 2135	SR 2147	SR 2147	4.60
N/A	2021.00	Anthony Rd.	001-Alamance	NC 62	SR 1148	SR 1148	0.29
N/A	2021.00	Anthony Rd.	001-Alamance	NC 49	SR 1147	SR 1147	3.05
N/A	2021.00	Graham Hopedale Rd.	001-Alamance	PVMT JOINT	NC 54	NC 54	2.84
N/A	2021.00	Parker St.	001-Alamance	NC 49	SR 1716	SR 1716	1.00
N/A	2021.00	Lindley Mill Rd.	001-Alamance	CCL	SR 1005	SR 1005	4.31
N/A	2021.00	Timber Ridge Lake Rd.	001-Alamance	NC 49	GCL	GCL	2.50
N/A	2021.00	Flora Ave.	001-Alamance	NC 87	SR 1530	SR 1530	1.07
N/A	2021.00	Danieley Water Wheel Rd.	001-Alamance	SR 1594	SR 1593	SR 1593	1.27
N/A	2021.00	Hanover Rd.	001-Alamance	SR 1801	SR 1716	SR 1716	1.78
N/A	2021.00	Stone St.	001-Alamance	NC 49	SR 1936	SR 1936	0.48
N/A	2021.00	Stone St. Extension	001-Alamance	SR 1935	SR 1940	SR 1940	2.26
N/A	2021.00	Center St.	001-Alamance	NC 119	OCL	OCL	0.37
N/A	2021.00	Holt St.	001-Alamance	US 70	SR 1962	SR 1962	1.63
N/A	2021.00	Eighth St.	001-Alamance	Sr 1961	SR 1007	SR 1007	0.60
N/A	2021.00	Bakatsias Lane	001-Alamance	SR 1928	END MAINT	END MAINT	0.52
N/A	2021.00	Porter Ave.	001-Alamance	SR 2185	END MAINT.	END MAINT.	0.08
N/A	2021.00	Silk Hope Liberty Rd.	001-Alamance	RCL	CCL	CCL	0.30
N/A	2021.00	Old Switchboard Rd.	001-Alamance	SR 1003	CCL	CCL	2.33
N/A	2021.00	Holman Mill Rd.	001-Alamance	SR 1004	SR 1005	SR 1005	0.77
N/A	2021.00	Longpine Rd.	001-Alamance	SR 1146	END MAINT.	END MAINT.	0.40
N/A	2021.00	South Mebane St.	001-Alamance	End of Divided	NC 87	NC 87	1.36
N/A	2021.00	Haggard Ave.	001-Alamance	SR 1301	NC 100	NC 100	0.73
N/A	2021.00	Haggard Ave.	001-Alamance	NC 87	SR 1323	SR 1323	1.30

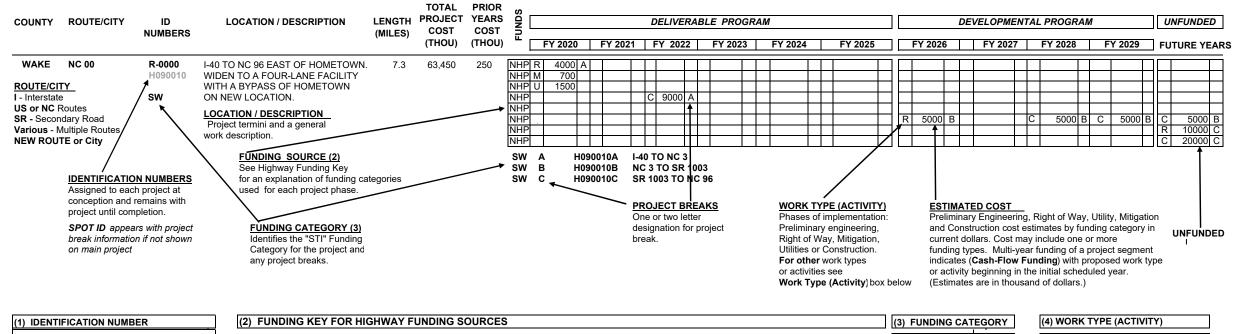
### **DIVISION 00**

FS

Feasibility StudyPublic Transportation

### **HIGHWAY PROGRAM**

### TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS



_					
	- Interstate	APD - Appalachian Development	HP - Federal-Aid High Priority	<b>DIV</b> - Division Need	A - Acquisition
R, A, X	- Rural	BA - Bonus Allocation	HSIP - Highway Safety Improvement Program	EX - Exempt	C - Construction
м	Special	BG - Surface Transportation Block Grant Program (Uncategorized)	L - Local	HF - State Dollars (Non-STI)	CB - Construction (BUILD NC)
U	- Urban	BG5200 - Surface Transportation Block Grant Program (5K - 200K)	NHFP - National Highway Freight Program	REG - Regional Impact	CG - Construction (GARVEE)
в	<ul> <li>Bridge Replacement</li> </ul>	BGANY - Surface Transportation Block Grant Program (Any Area)	NHP - National Highway Performance Program	SW - Statewide Mobility	<b>F</b> - Feasibility Study
AV	- Aviation	BGBA - Surface Transportation Block Grant Program (Bonus Allocation)	NHPB - National Highway Performance Program (Bridge)	TRN -Transition Project	G - Grading and Structures
E	<ul> <li>Enhancements, Call,</li> </ul>	BGDA - Surface Transportation Block Grant Program (Direct Attributable)	NHPBA - National Highway Performance Program (Bonus Allocation)		I - Implementation
EB	Bicycle & Pedestrian	BGIM - Surface Transportation Block Grant Program (Interstate Maintenance	NHPIM - National Highway Performance Program (Interstate Maintenance)		L - Landscaping
EL	Local	BGLT5 - Surface Transportation Block Grant Program (Less than 5K)	O - Other		M - Mitigation
ER	Roadside	BGOFF -Surface Transportation Block Grant Program (Off System Bridge)	S - State		O - Operations
S		BOND (R) - Revenue Bond	S (M) - State Match		P - Paving
EE	- Mitigation	CMAQ - Congestion Mitigation	T - State Highway Trust Funds		PE - Preliminary Engineering
к	- Rest Area	DP - Discretionary	TA - Transportation Alternatives Program (Uncategorized)		R - Right of Way
L	- Landscape	ER - Emergency Relief Funds	TA5200 - Transportation Alternatives Program (5K - 200K)		RB - Right of Way (BUILD NC)
P, SB	- Passenger Rail	FLAP - Federal Lands Access Program	TAANY - Transportation Alternatives Program (Any Area)		RG - Right of Way (GARVEE)
SR	<ul> <li>Safe Routes to School</li> </ul>	FLTP - Federal Lands Transportation Program	TADA - Transportation Alternatives Program (Direct Attributable)		S - Structure
W, SI, SI	<ul> <li>Highway Safety</li> </ul>	HFB - Highway Fund Bridge	TALT5 - Transportation Alternatives Program (Less than 5K)		U - Utilities
Y, Z	<ul> <li>Railroad-Highway Crossings</li> </ul>				
F	- Ferry				

**HIGHWAY PROGRAM** 

	7							HIGHW	AY PROG									
	7					TOTAL PROJ			STATE T	RANSPORTATIO			OST IN THOUSAN			NTAL PROGRAM	1	UNFUNDED
COMMITED / NON			ID			COST	COST		-		-							FUTURE YEAR
	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
			1 5050			4700	(700											
	ALAMANCE GUILFORD	I-40 / I-85	I-5956	EAST OF SR 3056 (ROCK CREEK DAIRY ROAD) IN GUILFORD COUNTY TO WEST OF	5.2	4702	4702											
			SW	SR 1226 (UNIVERSITY DRIVE) IN ALAMANCE COUNTY. PAVEMENT REHABILITATION.														
				COUNTY. PAVEMENT REHABILITATION.														
							UNDER CO	ONSTRUCTION										
	ALAMANCE	I-40 / I-85	I-5711	SR 1007 (MEBANE-OAKS ROAD) IN MEBANE.		19919	5476 NHP		CG 186	CG 186	CG 186	CG 186	CG 186	CG 186	CG 186	CG 186	CG 186	CG 1116
				INTERCHANGE IMPROVEMENTS.			S(M) NHP		C 241	C 241	C 241							
			sw		Pending FHV	VA Approval			C 3644	C 3643	C 3643							
			•															
							RIGHT-OF	-WAY IN PROGR	RESS; GARVEE BO	OND FUNDING: \$2.1	7 MILLION FOR CO	NSTRUCTION - PA	YBACK 2021-2035	<u> </u>				
	ALAMANCE	I-40 /I-85	I-5309	EAST OF GUILFORD COUNTY LINE TO EAST OF NC 49. PAVEMENT REHABILITATION.	5.8	14411	14411											
			SW	OF NC 49. PAVEMENT REHABILITATION.														
							UNDER CO		- PROJECT COST IN	NCLUDES I-5836 CO	NSTRUCTION							
	ALAMANCE	I-40 / I-85	I-5836	0.2 MILE EAST OF NC 49 TO 0.2 MILE EAST OF	F 2.7	100	100											
			SW	NC 54 IN GRAHAM. PAVEMENT REHABILITATION.														
								ONSTRUCTION		UNDED UNDER I-53	00							
	ALAMANCE	I-40 / I-85	I-5954	EAST OF NC 54 IN GRAHAM IN ALAMANCE	8.4	11179	11179			CUPED OUDER 1-93				·				
	ORANGE			COUNTY TO WEST OF SR 1114 (BUCKHORN	•													
			SW	ROAD) IN ORANGE COUINTY. PAVEMENT REHABILITATION.														
							UNDER CO	ONSTRUCTION										
	ALAMANCE	I-40 / I-85	I-6009	SR 1158 (HUFFMAN MILL ROAD)	0.5	1597	10 <u>T</u>									R 500		
				INTERCHANGE. CONSTRUCT ADDITIONAL LEFT TURN LANE ON I-40 WESTBOUND RAME	P		Т									U 87	C 1000	
			SW	AND IMPROVE OPERATIONS AT SR 1308 (GARDEN ROAD) INTERSECTION.			Ŀ											
				(GARDEN ROAD) INTERSECTION.														
	RURAL PROJ	ECTS												·				
	ALAMANCE	VARIOUS	R-5787	DIVISION 7 PROGRAM TO UPGRADE		6189	5689 TA	C 400										
	CASWELL			INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA)			S	C 100										
	GUILFORD ORANGE			USING TRANSPORTATION ALTERNATIVES														
	ROCKINGHAM			(TA) FUNDS.														
			DIV															
							IN PROGR	RESS; "S" FUND	S REFLECT STATE	HIGHWAY FUNDS								
	URBAN PRO		1 0050			40400	NHP	<u>, , , , , , , , , , , , , , , , , , , </u>		<u> </u>		<u> </u>	<u> </u>	ı <del></del>		R 1900	<del></del>	
	ALAMANCE	I-40 / I-85	I-6059	SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) IN MEBANE. UPGRADE INTERCHANGE	E.	12400	NHP									U 500		
							NHP											C 10000
			DIV															
	ALAMANCE	US 70	U-6011	SR 1158 (HUFFMAN MILL ROAD) IN		3150	450 T				R 200							
		(SOUTH CHURCH		BURLINGTON. INTERSECTION		5150	T				U 100							
		STREET)		IMPROVEMENTS.			Т						C 2400					
			REG															
	ALAMANCE	NC 54 (CHAPEL HILL RO	U-6184 עראי	SR 1445 (SOUTH O'NEAL STREET) IN BURLINGTON. RECONFIGURE		14600	Т	++-+	+++	+++	++-+	++-+	++-+	╽┝┼──┼─	R 5800 U 400	++-+		╽┠╂╾╌╂╴
			JAD)	INTERSECTION TO MAKE O'NEAL STREET	_		T								0 400			C 8400
			DIV	THE THROUGH MOVEMENT WITH NC 54 EAST OF THE INTERSECTION.	I													
	_																	
	DIV - Divisio		EX - Exem							Pa	age 1 of 38							
	HF - State I	Dollars (Non STI) vide Category	REG - Regio TRN - Transi	onal Category tion Project							-			SIG	NIFICANT CHAN	IGE AS MUKE IN	IFORMATION BE	COWES AVAILA
	SW - Statev	nue calegoi y	1111 - 1141151															
	Friday, Dece	ember 4, 2020																

### HIGHWAY PROGRAM

DIVISION COMMITED	7						YEARS			STATE	TRAN	SPORTAT				STIMATED ROGRAM	COST		SANDS	S / PROJE	ECT BR	EAK DE
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH		COST (THOU) FUNDS	FY 202	20	FY 202'	1	FY 2022		FY 202	3	FY 2024		FY 2025		FY 20	026	
	URBAN PRO ALAMANCE	J <u>ECTS</u> NC 54	U-6115	SR 1945 (RIVERBEND ROAD) / SR 2431 (JOHNSON STREET) TO SOUTH OF SR 2107 (WHITTEMORE ROAD) IN GRAHAM. IMPROVE SR 1945 (RIVERBEND ROAD) / SR 2431 (JOHNSON STREET) INTERSECTION, UPGRADE RAMP INTERSECTIONS AT I-40 / I- 85, IMPROVE SR 2106 (WOODY ROAD) INTERSE	0.5	13810	10 T T T T T T T T T T															
			REG				T COMMITED / NC COMMITED / NC COMMITED / NC		DIV A REG B REG C REG D	I-40 / SR 2	1-85 INTI 106 (WO	ERCHANGE ODY DRIVE	E IN GR	aham. Upo Raham. In	GRADE I TERSEC	I STREET) INT RAMP INTERS TION IMPROV ORE ROAD) I	SECTION EMENT	NS. "S.				
	ALAMANCE	NC 54 (WEST HARDEN STREET)	U-6131 REG	NC 49 (MAPLE AVENUE) IN BURLINGTON. INSTALL DUAL LEFT TURN LANES IN WESTBOUND DIRECTION.		1610	10 T T T										RU	600 100		C S	900	
	ALAMANCE	NC 62 (ALAMANCE ROAD)	U-6114 REG	SR 1155 (HATCHERY ROAD) / BONNIE LANE INTERSECTION IN BURLINGTON. INSTALL TRAFFIC SIGNAL AND ADD TURN LANES.	0.5 Pending FH	15210 IWA Approval	10 T T T										RU	6500 2600				С
✓ □	ALAMANCE	NC 62	U-5844 DIV	SR 1430 (RAMADA ROAD) TO US 70 (CHURCH STREET) IN BURLINGTON. WIDEN TO MULTILANES.	1.1	10800	500 T T							R 1900		C 4200	с	4200				
	ALAMANCE	NC 87 (WEBB AVENUE)	U-6182 DIV	SR 1515 (FLORA AVENUE). INSTALL TRAFFIC SIGNAL AND ADD TURN LANES.		1300	T T T															R U
	ALAMANCE	NC 119	U-6013 DIV	SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) / SR 2126 (OLD HILLSBOROUGH ROAD TO LOWES BOULEVARD IN MEBANE. WIDEN TO MULTILANES.	0.5	9100	400 T T T					R 3000 U 500				C 2600	c	2600				
	ALAMANCE	NC 119	U-3109	NC 119 RELOCATION, I-85 TO SOUTH OF SR 1918 (MRS. WHITE ROAD) IN MEBANE. FOUR- TO-SIX-LANE FACILITY ON NEW LOCATION.		131561 IWA Approval	81187 T T COMMITED / NO		A CI 6 A CI CI REG A REG B	3 2905 3 429 NC 1 PAY NC 1	B CI 19 RELO BACK 20 19 RELO	B 2905 B 429 CATION, I- 19-2033, \$2	A C B C 40 / I-85 82,000 I ORTH C	FOR PREL	A C B C H OF SR IMINARY	2E 24 A 3B 2905 A 3B 429 B 1921 (MEBAN 7 ENGINEERIN NE ROGERS F	LE ROG	2905 429 ERS ROA \$19.72 MI	A B D) UN ILLION F	CB 29 CB 4 DER CONS OR CONS	005 A 129 B STRUCTI TRUCTIC	)N - P
	ALAMANCE	SR 1455 (EAST HAGGARD AVENUE)	U-6214 DIV	NC 87 (WEST WEBB AVENUE) / NC 100 (UNIVERSITY DRIVE) IN ELON. IMPROVE INTERSECTION.		13000	Т Т Т															R U
	ALAMANCE	SR 1716 (NORTH MAIN STREET)	U-6132 DIV	SR 2396 (WEST PARKER STREET) IN GRAHAM. IMPROVE INTERSECTION.		2710	Т Т Т															
	HF - State SW - Statev	Dollars (Non STI) R	EG - Regio	ot Category onal Category tion Project									Page	2 of 38							C SIGN	OST

DEVELOPMEI	NTAL PROGRAM	
FY 2027	FY 2028	FY 2029

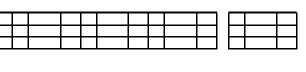
	UNFUNDED
9	FUTURE YEARS

1	п	400	٨	
	 R	400	Α	
	U	300	Α	
	R	600	В	
	U	300	В	
	R	600	С	
	U	200	С	
	R	200	D	
	U	100	D	

С	2000	Α
С	5400	В
С	2100	С
С	1600	D

TION IMPROVEMENTS.

ADE PIPE CULVERTS 000271 AND 000297.









С



1000

PE	24	Α	PE	24	Α	PE	24	Α	PE	148	Α
CB	2905	Α	CB	2905	Α	CB	2905	Α	CB	6289	Α
CB	429	В	CB	429	В	CB	429	В	CB	2574	В

TRUCTION; BUILD NC BONDS: \$14.14 MILLION FOR CONSTRUCTION -IRUCTION - PAYBACK 2021-2035

WHITE ROAD) - UNDER CONSTRUCTION; BUILD NC BONDS: \$5 MILLION FOR

R	4000							
U	1000							
						С	8000	

		R	1000					
		U	210					
						С	1500	

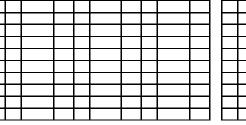
### **HIGHWAY PROGRAM**

	_							HIGHWA	AY PR	OGR/	AM									
DIVISION						TOTAL PROJ			67		NSPORTA					OST IN T	HOUSAN		PROJEC	CT BREAN
COMMITEI / NON	כ		ID				COST		31/		INSPORTA		TOVENIEI	II PROC	JKAW			ΙL		0
	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (	(THOU) FUNDS	FY 2020	FY 2	2021	FY 202	2 F	Y 2023	F١	Y 2024	FY 2	2025		FY 202	26
	<u>URBAN PR</u> Alamance	ROJECTS NEW ROUTE	U-3110	NEW ROUTE, US 70 TO NC 100 IN ELON. CONSTRUCT MULTILANE FACILITY, PART ON	2.1	30477	27033 BG5200				CG 1148							] [		
				NEW LOCATION.			COMMITED / NO COMMITED / NO				NORTH OF SI MENTS ON SI	•		,			UE) TO NO	; 100, F	PART ON	NEW LOC
							7 -	ARVEE BOND FU	UNDING \$10	).5 MILLIO	N; PAYBACK	( FY 2011 - F	Y 2022							
	ALAMANCE	NEW ROUTE	U-5538	ACCESS ROAD FROM SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) TO INDUSTRIAL SITE. CONSTRUCT TWO-LANE ROAD ON NEW LOCATION.	1.5	3740	3740 COMMITED / NO		NC S	SR 1981 (T	Rollingwo	)od-hawfii	ELDS ROAI	D) IN MEE	BANE. ADD	TURN LAI	NES UN	.DER C	CONSTRU	CTION
	ALAMANCE	VARIOUS	U-6015 DIV	UPGRADE BURLINGTON-GRAHAM SIGNAL SYSTEM.		16439	7173 T		СВ	618	CB 618	СВ	618	CB	618	СВ	618	CI	B 61	8 CB
							UNDER CO	NSTRUCTION;	BUILD NC B	BONDS: \$7	.2 MILLION F	OR CONST	RUCTION -	PAYBAC	K 2021-203	5				
	ALAMANCE	SR 1716	U-6014	SR 1720 (WEST HANOVER ROAD) TO MORNINGSIDE DRIVE IN BURLINGTON.	1.4	15900	700 T				R 3400 U 500							ļĘ		$\mp$
		(GRAHAM- HOPEDALE ROAD)	DIV	WIDEN TO MULTILANES WITH BICYCLE / PEDESTRIAN ACCOMMODATIONS.			T				0 300			c	3767	C 3	3766		C 376	7
	ALAMANCE	NC 49 (ROXBORO ROAD)	U-6183	SR 1928 (WILKINS ROAD) AND SR 1927 (BASON ROAD). UPGRADE K-TYPE		2700	T T											łΕ		F
			DIV	INTERSECTION.			Т													
			DIV																	
	ALAMANCE	US 70 (SOUTH CHURCH STREET)	U-6010 REG	SR 1226 / SR 1311 (UNIVERSITY DRIVE) IN BURLINGTON. INTERSECTION IMPROVEMENTS, TO INCLUDE WIDENING OF US 70 TO MAINTAIN CONSISTENT CROSS- SECTION WITH PROJECT U-5752	0.6	11850	3450 T				C 8400									
				IMPROVEMENTS.																
	ALAMANCE	US 70	U-5752	ST. MARKS CHURCH ROAD IN BURLINGTON.		4278	RIGHT OF	WAY IN PROGRE	ESS									. –		
	ALAMANCE	(SOUTH CHURCH STREET)		INTERSECTION IMPROVEMENTS.		4270	4210													
			REG																	
							UNDER CO	NSTRUCTION												
	ALAMANCE	US 70 (SOUTH CHURCH	U-6009	TARLETON AVENUE TO FIFTH STREET IN BURLINGTON. WIDEN AND CONSTRUCT		10582	650 T T					$\square$		$\square$		$\square$		łF		R
		STREET)		CENTER TURN LANE.			T											ΙĽ		
			REG																	
	ALAMANCE	US 70	U-5843	SR 1817 (GRAHAM-HOPEDALE ROAD) IN	0.5	7160	3561 T		PE	54	PE 54	PE	54	PE	54	PE	54	P	E 5	4 PE
		(NORTH CHURCH STREET)		BURLINGTON. INTERSECTION IMPROVEMENTS.				CB 112			CB 183		183	СВ	183		183	C	B 18	
			DIV																	
	ALAMANCE	NC 54	U-6017	NC 49 (EAST ELM STREET) IN GRAHAM.		3260	UNDER CC 480 T	NSTRUCTION;		3ONDS: \$6 180	54,000 FOR (	CONSTRUC	TION - PAY	BACK 20	19-2033, \$6	25,000 FO	R PRELIM	INARY	Y ENGINE	ERING ANI
		(EAST HARDEN	0-0017	INTERSECTION IMPROVEMENTS.		5200	чоо і Т т	+		100	C 2500			++		++		┨╞		$\ddagger$
		STREET)	DIV				1				U 2000	<u>'    </u>	I		<u> </u>		<u> </u>	1 L	1	
																		· -		

Friday, December 4, 2020

EAKS DEVELOI		PROGR	PAM					UNDED
FY 202		FY 2028		EV	2029			RE YEARS
F1 202		F1 2020	)	ГТ	2029			
LOCATION -		Ē						
LUCATION -	COMPLET	C						
1								
CB 61	8 CE	618		СВ	618		CB	1850
		1					<u> </u>	
R 50								
U 20	0						С	2000
R 444							$\square$	
							С	4950
PE 5	4 PE	54		PE	181		PE	156
CB 18	3 CE	8 183		СВ	56		СВ	431
AND #4 475			TOUCT				4 2025	
AND \$1.475			RUC		AIB	40 N 202	1-2035	
			$\square$	+			F	
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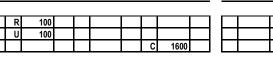
							HIGH	IWAY P	ROGRA	Μ													
DIVISION	7				TOTAL PROJ				STATE TOAL		TYPE OF WO			COST IN TH	HOUSANI	DS / PROJEC	-	AKS DEVELOPM		OCRAM			UNFUNDEL
COMMITED / NON	0011117/	DOUTE/OITY	ID		COST	COST								EV (									FUTURE YEA
	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION LENGTH	(100)	(THOU) FUNDS	5 FY 20	120 F	Y 2021	FY 2022	FY 2023	i	FY 2024	FY 2	2025	FY 202	20	FY 2027	Fĭ	2028	FY 20	129	
	<u>BRIDGE PROJ</u> Alamance	<u>IECTS</u> NC 87	B-5239 HF	REPLACE BRIDGE 000126 OVER MILL RACE AND REPLACE BRIDGE 000119 OVER HAW RIVER.	5865	5865																	
							CONSTRUCT	ION								r <del></del>		<del></del>	<u> </u>	-			· · · · · · · ·
	ALAMANCE	SR 1928 (TROLLINGWOOD ROAD)	B-6052	REPLACE BRIDGE 000068 OVER NCRR / NORFOLK SOUTHERN RAILROAD IN HAW RIVER.	3000	NHPB NHPB						R	500			C 250	00						
			DIV																				
	ALAMANCE	SR 1212 (POND ROAD)	B-5347	REPLACE BRIDGE 000170 OVER PRONG OF ALAMANCE CREEK IN ALAMANCE.	1560	1560																	
			HF																				
						UNDER C	CONSTRUCT	ION															
]	MITIGATION P ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	<u>ROJECTS</u> VARIOUS	EE-4907	ECOSYSTEM ENHANCEMENT PROGRAM FOR DIVISION 7 PROJECT MITIGATION.	18169	18169																	
		ETY PROJECTS				IN PROGI	RESS																
	ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	HS-2007 DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 7.																			
			DIV																				
]	ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	W-5707	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 7.	4757		R         1           C         1           R         1           C         1           C         2           ION	PRELIMINARY           30 DIV         80 DIV           80 DIV         90 RE           30 RE         90 RE           40 SW         90 SW           1 DIV         DIV           20 RE         90 SW           30 SW         SW	SAFETY IMP SAFETY IMP	ROVEMENTS	AT VARIOUS LO AT VARIOUS LO AT VARIOUS LO	CATIONS						). 					
						IN PROGI	RESS																
	ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	W-5807	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 7.	2606	HSIP HSIP HSIP HSIP HSIP HSIP HSIP HSIP	R C C C C C C C C C C C C C C C C C C C	30 DIV R 80 DIV C 30 RE R 80 RE C 40 SW R 40 SW C REG A DIV B	30 DIV 180 DIV 30 RE 180 RE 40 SW 240 SW SR 2526 (SU SR 1301 (ST	C         180         Di           R         30         Ri           C         180         Ri           R         40         SV           C         240         SV           MMIT AVENUE         MARKS CHUI	V	B											
						COMMITED / N COMMITED / N COMMITED / N		] DIV DIV ] REG REG ] SW SW	PAVEMENT SAFETY IMF SAFETY IMF	Markings. Rovements Rovements	AT VARIOUS LO AT VARIOUS LO AT VARIOUS LO	CATIONS	i.	DINTE								2, 200 A	
	DIV - Divisio HF - State D SW - Statew	ollars (Non STI) F	REG - Regio	ot Category nal Category tion Project						P	age 4 of 38												O SUBJECT TO COMES AVAIL

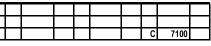


HIGHWAY PROGRAM

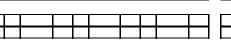
							HI	GHW	AY PR	OGRA	M													
DIVISION	7					AL PRIOR										COST IN	THOUSAN	DS / PROJ						
COMMITE / NON	)		ID			DJ YEARS ST COST			ST	ATE TRAN	ISPORTA	ATION IM	IPROVEM	IENT PR	OGRAM					DEVELOF	PMENTAL I	PROGRAM		UNFUNDED FUTURE YEARS
/ 101	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION LEN		U) (THOU) FUNDS	)S F	Y 2020	FY 2	2021	FY 202	22	FY 2023	3	FY 2024	F١	Y 2025	FY 2	2026	FY 202	7 F	Y 2028	FY 2029	FUTURE TEARS
	HIGHWAY SAFI ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	TY PROJECTS VARIOUS	W-5207	DIVISION 7 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	51	36 5636																		
						UNDER C	CONSTR	RUCTION																
	RURAL PROJE	CTS																						
	CASWELL	US 158 / NC 86	R-5926 DIV	SR 1572 (COUNTY HOME ROAD) TO SR 1734 (RP FUQUAY ROAD). CONSTRUCT PASSING LANES.	5.3 34	100 <u>T</u> T														R 100 U 100			C 1600	
	0.4.014/51 1	NO 00	D 5000				<del></del>				-		-						200	-	<del></del>		<del></del>	
	CASWELL	NC 86	R-5822	CONSTRUCT PASSING LANES AND	9 15	183 800 T T													300 183					
			REG	SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS, AND CONSTRUCT TURN LANES FROM SR 1300 (PARK SPRINGS ROAD) TO SOLID WASTE CONVENIENCE CENTER.		T																	C 7100	C 7100
						SCOPE IN	INCLUD	ES SPOT I	ID H170625															
	BRIDGE PROJE CASWELL	<u>CTS</u> SR 1710	B-5725	REPLACE BRIDGE 160007 OVER HYCO	3	46 156 BGOFF	T T		ТТ	- <u> </u>	-			R	290	ТТ					гтт			
	UNDITLE	(GRIERS CHURCH	B-0/20	CREEK.		BGOFF									200			C 2	900					
		ROAD)	DIV	Per	nding FHWA Appr	oval																		
		IITIGATION PROJECT VARIOUS	<u>rs</u> C-4936	PIEDMONT AUTHORITY FOR REGIONAL		'14 714																		
	DAVIDSON FORSYTH GUILFORD MONTGOMERY RANDOLPH ROCKINGHAM		04500	TRANSPORTATION (PART). IMPLEMENT A REGIONAL AIR QUALITY AWARENESS PROGRAM.																				
	ROOKINGHAM		EX																					
						IN PROGI	GRESS E		ONT AUTHOR	RITY FOR RI	EGIONAL 1	TRANSPO	ORTATION											
	INTERSTATE P							iii				1 1									1 1 -1	4 4 6 6		
	GUILFORD	I-40 / I-85	I-6004	SR 3056 (ROCK CREEK DAIRY ROAD) INTERCHANGE. UPGRADE INTERCHANGE AREA.	12	NHP				++											RU	1400 429		C 10900
			SW	ANLA.		NHP																		C 10900
	FORSYTH	I-40	I-5981	I-74 US 311 IN WINSTON-SALEM TO US 421 / 10	0.1 157	14 2010 NHP															R	6640 A		
	GUILFORD			BUSINESS 40 IN GUILFORD COUNTY. WIDEN TO 6 LANES.		NHP NHP NHP NHP NHP NHP NHP COMMITED / N COMMITED / N	NON	SV	VB S	-74 / US 311 SR 2643 (UN NC 66 TO US	ION CROS	S ROAD)	TO NC 66.								U R U R R U	996 A 6641 B 996 B 6640 C 996 C		C 11066 A C 11066 B C 11066 C

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











### HIGHWAY PROGRAM

								HIGHW		ROGI	KAN		_												
DIVISION	7					TOTAL PROJ	PRIOR YEARS			TATE T	RANS	PORT							) COS	T IN TH	HOUS	ANDS	/ PRO	JECT B	BRE/
COMMITED / NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST	COST (THOU) FUNDS	FY 2020	-	2021	-	FY 202			Y 202			2024 <sup>'</sup>		FY 2	2025	]	FY	2026	
	INTERSTATE GUILFORD	PROJECTS I-40	I-5980	SR 1860 (MACY GROVE ROAD). CONVERT GRADE SEPARATION TO INTERCHANGE.		14300	1000 T T																RU	1300 250	
			REG				Т																		
	GUILFORD	I-40	I-5734 SW	1.3 MILES EAST OF SR 1850 (SANDY RIDGE ROAD) TO 1.1 MILES EAST OF SR 1556 (GALLIMORE DAIRY ROAD) IN GREENSBORO. PAVEMENT REHABILITATION.	3	2120	2120																		
	GUILFORD	I-40	I-5762 SW	FORSYTH COUNTY LINE TO 1.3 MILES EAST OF SR 1850 (SANDY RIDGE ROAD). PAVEMENT REHABILITATION.	4	9760	UNDER CC 9760	NSTRUCTION -	Prior ye	AR COS	r is fo	r Brid	GE PR	ESERV	ATION	; PAVE	MENT	REHA	BILITAT		OST INC		D IN I-5	762	
								NSTRUCTION -	INCLUDE	S CONST	RUCTIO	ON COS	ST FOF	R I-5734											
	GUILFORD	I-40	I-5811 SW	WEST OF I-73 / US 421 TO HOLDEN ROAD IN GREENSBORO. PAVEMENT REHABILITATION.	5.2	2225	2225																		
								NSTRUCTION						<del></del>							450	-		0.170	—
	GUILFORD	I-40 / US 421	I-5712	SR 1850 (SANDY RIDGE ROAD) IN GREENSBORO. INTERCHANGE IMPROVEMENTS.		28036	400 NHP NHP NHP														3158 126		R U	9476 376	+
			SW		Pending FH	WA Approval																			
	GUILFORD	I-40	I-5955 SW	HOLDEN ROAD TO EAST OF SR 3037 / SR 4240 (EAST GATE CITY BOULEVARD) IN GREENSBORO. PAVEMENT REHABILITATION.	Pending FH	13005 WA Approval	150 NHPIM							C	6428		С	6427							Т
							COORDINA	TE WITH I-5965	AND B-53	56															
	GUILFORD	I-40 / BUSINESS 85 I-40 / I-85 I-85	I-5812 SW	I-40 / BUSINESS 85, EAST OF SR 3037 / SR 4240 (EAST GATE CITY BOULEVARD) TO I-85; I-85 NORTH OF SR 3000 (MCCONNELL ROAD) TO I-40; I-40 / I-85, WEST OF SR 3048 (MOUNT HOPE CHURCH ROAD) TO EAST OF SR 3056 (ROCK CREEK DAIRY ROAD). PAVEMENT REHABILITATION.	7.2	9882	9882																		
							UNDER CC	NSTRUCTION																	
	GUILFORD	I-73	I-5852	I-85 TO SR 2085 (BRYAN BOULEVARD) IN GREENSBORO. PAVEMENT AND BRIDGE REHABILITATION.	10.7	20272	20272 COMMITED / NO COMMITED / NO			I-85 TO I-40 TO						JNDER	CONS	TRUCT	<b>FION</b>						
	GUILFORD	I-73 / US 220	I-5735 SW	RANDOLPH COUNTY LINE TO I-85 / US 421 IN GREENSBORO. PAVEMENT REHABILITATION.	6.5	7165	151 NHPIM																		Т
	GUILFORD RANDOLPH	I-74 / US 311	I-5949 SW	US 29 / US 70 / BUSINESS 85 IN GUILFORD COUNTY TO SR 1928 (CEDAR SQUARE ROAD) IN RANDOLPH COUNTY. PAVEMENT REHABILITATION.	7.1	6264	397 NHPIM							ΓΙ			T								T
	GUILFORD	I-74 / US 311	I-5736 SW	FORSYTH COUNTY LINE TO SR 1300 (GREEN ROAD) IN HIGH POINT. PAVEMENT REHABILITATION.	7.1	17293	17293																		
	GUILFORD	I-85 / US 29 / US 70	I-5853 SW	1 MILE SOUTH OF SR 1129 (GROOMETOWN ROAD) TO 0.3 MILE NORTH OF SR 1129 (GROOMETOWN ROAD) IN GREENSBORO. PAVEMENT REHABILITATION.	2	6076	UNDER CC 6076	NSTRUCTION -	AMOUNT	INCLUDE	S I-57	67 CON	STRU	CTION								_			
							UNDER CO	NSTRUCTION																	
	DIV - Divisio			pt Category																					со

REAKS			
DEVELOPMENTA	L PROGRAM		UNFUNDED FUTURE YEARS
FY 2027	FY 2028	FY 2029	
R 1300 U 250		C 10200	
<del></del>			
C 4833 (	2 4833	C 4834	
4035	4033	6 4034	
	7014		
C 2934 (	2933	<del></del>	

**HIGHWAY PROGRAM** 

									HIGHWA	AT PROGR	<b>KAIVI</b>						
DIVISION	7					TOTAL	PRIOR		-			TYPE OF WORK		OST IN THOUSA	NDS /	/ PROJECT B	
COMMITED			ID				YEARS			STATE TH	RANSPORTAT	ION IMPROVEMEN	T PROGRAM				D
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025		FY 2026	
	INTERSTATE	PROJECTS															
	GUILFORD	I-85	I-5854 SW	NORTH OF I-73 / US 421 INTERCHANGE TO SR 3300 (SOUTH ELM-EUGENE STREET). PAVEMENT REHABILITATION.	3.3	8692	8692										
								UNDER CO	ONSTRUCTION								
	GUILFORD	I-85	I-5855 SW	SR 3300 (SOUTH ELM-EUGENE STREET) TO 0.2 MILE NORTH OF SR 3039 (NELSON FARM ROAD) IN GREENSBORO. PAVEMENT REHABILITATION.	5.5	100	100										
								UNDER CO	ONSTRUCTION - C	ONSTRUCTION CO	OST INCLUDED I	N I-5790					
	GUILFORD	I-85	I-5789 SW	SR 1113 (KIVETT DRIVE) TO 0.4 MILE NORTH OF I-85 BUSINESS IN HIGH POINT. PAVEMENT REHABILITATION.	2	17000	17000										
								UNDER CO	ONSTRUCTION - C	ONSTRUCTION CO	OST INCLUDES I	-5738 AND I-5821					
	GUILFORD	I-85	I-5790 SW	0.2 MILE NORTH OF SR 3039 (NELSON FARM ROAD) TO 1.3 MILES NORTH OF SR 3029 (YOUNGS MILL ROAD) IN GREENSBORO. PAVEMENT REHABILITATION.	2.4	12012	12012										
								UNDER CO	ONSTRUCTION - A	MOUNT INCLUDES	S I-5855 CONSTR	UCTION					
	GUILFORD	I-85	I-5821 SW	RANDOLPH COUNTY LINE TO SR 1113 (KIVETT DRIVE). PAVEMENT REHABILITATION	4.5 I.	100	100										
								UNDER CO	ONSTRUCTION - C	ONSTRUCTION CO	OST INCLUDED U	JNDER I-5789					
	GUILFORD	I-785 / I-840	I-5953 SW	I-85 TO US 70. PAVEMENT REHABILITATION.	2.9	2675	2675								·		
								UNDER CO	ONSTRUCTION								
	GUILFORD	I-40 / BUSINESS 85 / US 29 / US 70 / US 220	I-5964	ELM-EUGENE STREET IN GREENSBORO. INTERCHANGE IMPROVEMENTS.		750	250	NHP				C 500					
		00110	SW		Pending FH	WA Approval	I										
	GUILFORD	I-40 / BUSINESS 85 / US 29 / US 70 / US 220	I-5965 SW	US 220 / SR 1398 (FREEMAN MILL ROAD) TO US 29 / US 70 / US 220 IN GREENSBORO. ADD LANES, IMPROVE SR 1007 (RANDLEMAN ROAD) AND ELM-EUGENE STREET INTERCHANGES, AND REPLACE NORFOLK- SOUTHERN RAILROAD BRIDGE OVERPASS EAST OF ELM-EUGENE STREET.	2.9	117329		nhp Nhp Nhp									<u>+</u>
								COORDIN	ATE WITH I-5955, I	I-5964, B-5356, ANI	D B-5718						
	GUILFORD	FUTURE I-73	I-5110 TRN	NC 68 TO GREENSBORO WESTERN LOOP. SIX-LANE FREEWAY ON NEW LOCATION.	3	152283	152283										
								COMBINE	D WITH R-2413A A	ND R-2413B FOR I	DESIGN-BUILD L	ET - UNDER CONSTR	UCTION				
	RURAL PROJ							- -							-, r	D (507	
	GUILFORD ROCKINGHAM	US 29 (FUTURE I-785)	R-5889 REG	SR 2565 (HICONE ROAD) IN GREENSBORO TO US 158 / NC 14 IN REIDSVILLE. UPGRADE CORRIDOR TO INTERSTATE STANDARDS.	16	206311	10	T T								R 4567 U 634	
			REG														

Friday, December 4, 2020

REAKS				
		AL PROGRAM		UNFUNDED FUTURE YEARS
F	Y 2027	FY 2028	FY 2029	
<del></del>		<del></del>	<del></del>	· · · · · · · · ·
1 1				
			R 11511	
++		+ $+$ $+$	U 1381	C 103437
R		R 4567		
U	633	U 633	C 47675	C 143025
		<u> </u>	<u> </u>	<u> </u>

## COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

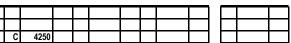
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HIGHWAY PROGRAM

ID       NUMBER         S 158       R-2577         S 158       R-2577         S 220       R-2309         S 421       R-2612         EX       EX         C 65 / NC 68       R-5823         DIV       DIV         C 68       R-5725         REG       REG	E       LOCATION / DESCRIPTION       LENG         MULTLANES NORTH OF US 421 / 1-40 BUSINESS IN WINSTON-SALEM TO US 220 IN STOKESDALE. WIDEN TO MULTILANES.       18.8         SR 2182 (HORSEPEN CREEK ROAD) TO US 220 IN STOKESDALE. WIDEN TO MULTILANES.       6.3         SR 2182 (HORSEPEN CREEK ROAD) TO US 220-NC 68 CONNECTOR (R-2413) IN GREENSBORO AND SUMMERFIELD. WIDEN TO MULTILANES.       6.3         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO. CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.       2.7         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE 1-73. WIDEN TO MULTILANES.       2.7         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY ENHANCEMENTS.       0.7	PROJ COST IGTH (THOU) 3.8 289804 3.3 75385 41680 2.7 23224	Image: Construction in the second
TE/CITY         NUMBER           \$ 158         R-2577           \$ 220         R-2309           \$ 421         R-2612           EX         EX           C 65 / NC 68         R-5823           DIV         C 68           R-5725         REG	MULTLANES NORTH OF US 421 / I-40 BUSINESS IN WINSTON-SALEM TO US 220 IN STOKESDALE. WIDEN TO MULTILANES.       18.6         SR 2182 (HORSEPEN CREEK ROAD) TO US 220-NC 68       6.3         220-NC 68 CONNECTOR (R-2413) IN GREENSBORO AND SUMMERFIELD. WIDEN TO MULTILANES.       6.3         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO. CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.       2.7         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE I-73. WIDEN TO MULTILANES.       2.7         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE. INTERSECTION IN OAK RIDGE. INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY       0.7	COST IGTH (THOU) 3.8 289804 3.3 75385 41680 2.7 23224	COST       FY 2020       FY 2021       FY 2022       FY 2023       FY 2024       FY 2025       FY 2026       FY 2027       FY 2028       FY 2029       FUTURE YE         4       998       R       12109 A       R
TE/CITY         NUMBER           \$ 158         R-2577           \$ 220         R-2309           \$ 421         R-2612           EX         EX           C 65 / NC 68         R-5823           DIV         C 68           R-5725         REG	MULTLANES NORTH OF US 421 / I-40 BUSINESS IN WINSTON-SALEM TO US 220 IN STOKESDALE. WIDEN TO MULTILANES.       18.6         SR 2182 (HORSEPEN CREEK ROAD) TO US 220-NC 68       6.3         220-NC 68 CONNECTOR (R-2413) IN GREENSBORO AND SUMMERFIELD. WIDEN TO MULTILANES.       6.3         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO. CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.       2.7         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE I-73. WIDEN TO MULTILANES.       2.7         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE. INTERSECTION IN OAK RIDGE. INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY       0.7	IGTH (THOU) 3.8 289804 3.3 75385 41680 2.7 23224	() (THOU) FUNDS       FY 2021       FY 2021       FY 2023       FY 2023       FY 2023       FY 2025       FY 2027       FY 2028       FY 202
S 220 R-2309 S 421 R-2612 EX C 65 / NC 68 R-5823 DIV C 68 R-5725 REG	BUSINESS IN WINSTON-SALEM TO US 220 IN         STOKESDALE. WIDEN TO MULTILANES.         SR 2182 (HORSEPEN CREEK ROAD) TO US         220-NC 68 CONNECTOR (R-2413) IN         GREENSBORO AND SUMMERFIELD. WIDEN         TO MULTILANES.         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO.         CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE 1-73.         WIDEN TO MULTILANES.         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE.         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE.         INTERSECTION IN PROVEMENTS, ACCESS MANAGEMENT AND SAFETY	3.3 75385 41680 2.7 23224	Image: Construction in the second
S 421 R-2612 EX C 65 / NC 68 R-5823 DIV C 68 R-5725 REG	220-NC 68 CONNECTOR (R-2413) IN         GREENSBORO AND SUMMERFIELD. WIDEN         TO MULTILANES.         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO.         CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE I-73.         WIDEN TO MULTILANES.         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE.         INTERSECTION IN PROVEMENTS, ACCESS MANAGEMENT AND SAFETY	41680 2.7 23224	COMMITED / NON       REG       A.       MULTI-LANES NORTH OF US 421 / 140 BUSINESS TO SR 1965 (BELEWS CREEK ROAD) - BUILD NC BONDS: \$10 MILLION FOR CONSTRUCTION - PAYBACK 2024-2038         COMMITED / NON       REG       B.       SR 1965 (BELEWS CREEK ROAD) IN FORSYTH COUNTY TO SR 2034 (ANTHONY ROAD) IN GUILFORD COUNTY         COMMITED / NON       C       NORTH OF SR 2034 (ANTHONY ROAD) IN GUILFORD COUNTY       NORTH OF SR 2034 (ANTHONY ROAD) IN GUILFORD COUNTY         5       75385       COMMITED / NON       A.       COTSWALD TERRACE NORTH OF GREENSBORO TO SR 2182 (HORSEPEN CREEK ROAD) - COMPLETE         COMMITED / NON       A.       COTSWALD TERRACE NORTH OF GREENSBORO TO SR 2182 (HORSEPEN CREEK ROAD) - COMPLETE         COMMITED / NON       A.       SR 3389 (WOODY MILL ROAD) IN TERSECTION SOUTH OF GREENSBORO - COMPLETE         COMMITED / NON       TRN       B       SR 3418 (NEELLEY ROAD) INTERSECTION SOUTH OF GREENSBORO - UNDER CONSTRUCTION         4       400       T       T       N       R       3389 (WOODY MILL ROAD) INTERSECTION SOUTH OF GREENSBORO - UNDER CONSTRUCTION         2       925       T       N       R       1350       R       4050       T
S 421 R-2612 EX C 65 / NC 68 R-5823 DIV C 68 R-5725 REG	220-NC 68 CONNECTOR (R-2413) IN         GREENSBORO AND SUMMERFIELD. WIDEN         TO MULTILANES.         SR 3389 (WOODY MILL ROAD) AND SR 3418 (NEELLEY ROAD) SOUTH OF GREENSBORO.         CONVERT AT-GRADE INTERSECTIONS TO INTERCHANGES.         NC 65 IN STOKESDALE (SOUTHERNMOST INTERSECTION) TO US 220 / FUTURE I-73.         WIDEN TO MULTILANES.         SR 2129 (FOGLEMAN ROAD) TO NC 150 INTERSECTION IN OAK RIDGE.         INTERSECTION IN PROVEMENTS, ACCESS MANAGEMENT AND SAFETY	41680 2.7 23224	COMMITED / NON       AA       COTSWALD TERACE NORTH OF GREENSBORO TO SR 2182 (HORSEPEN CREEK ROAD) - COMPLETE SR 2182 (HORSEPEN CREEK ROAD) TO NORTH OF SR 2313 (WINFREE ROAD) IN GREENSBORO - UNDER CONSTRUCTION         0       41680         COMMITED / NON       A       SR 3389 (WOODY MILL ROAD) INTERSECTION SOUTH OF GREENSBORO - COMPLETE COMMITED / NON         COMMITED / NON       TRN       B       SR 3389 (WOODY MILL ROAD) INTERSECTION SOUTH OF GREENSBORO - UNDER CONSTRUCTION         4       400       T       T       NON       TRN       B       SR 3418 (NEELLEY ROAD) INTERSECTION SOUTH OF GREENSBORO - UNDER CONSTRUCTION         2       925       T       R       1350       R       4050       T
EX C 65 / NC 68 R-5823 DIV C 68 R-5725 REG	(NEELLEY ROAD) SOUTH OF GREENSBORO.         CONVERT AT-GRADE INTERSECTIONS TO         INTERCHANGES.         NC 65 IN STOKESDALE (SOUTHERNMOST         INTERSECTION) TO US 220 / FUTURE I-73.         WIDEN TO MULTILANES.         SR 2129 (FOGLEMAN ROAD) TO NC 150         INTERSECTION IN OAK RIDGE.         INTERSECTION IN OAK RIDGE.         INTERSECTION IMPROVEMENTS, ACCESS         MANAGEMENT AND SAFETY	2.7 23224	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
DIV C 68 R-5725 REG	INTERSECTION) TO US 220 / FUTURE I-73. WIDEN TO MULTILANES. SR 2129 (FOGLEMAN ROAD) TO NC 150 0.7 INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY		T     U     424     C     C     4250     C     4250       T     I     I     I     I     I     I     I       2     925     T     R     1287     I     I     I       T     I     I     I     I     I     I     I       T     I     I     I     I     I     I       T     I     I     I     I     I     I       T     I     I     I     I     I     I       T     I     I     I     I     I     I
C 68 R-5725 REG	INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY	).7 8612	T     U     500     C     2950     C     2950     C <thc< th=""> <thc< th=""> <thc< th="">     C <t< td=""></t<></thc<></thc<></thc<>
REG	INTERSECTION IN OAK RIDGE. INTERSECTION IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY	).7 8612	T     U     500     C     2950     C     2950     C <thc< th=""> <thc< th=""> <thc< th="">     C <t< td=""></t<></thc<></thc<></thc<>
S 29; R-4707 R 4771 EEDY FORK ARKWAY) REG	US 29 / SR 4771 (REEDY FORK PARKWAY) INTERCHANGE IMPROVEMENTS IN GREENSBORO. IMPROVE ROADWAY, MODIFY INTERCHANGE, AND REPLACE BRIDGE 400360	91457	COORDINATE WITH U-6127         7       19862       T       PE       535       PE       268       268       268       268       268       268       268       268       268       268       268 <th< td=""></th<>
JTURE I-73 R-2413 TRN	NC 68 AT SR 2011 (EDGEFIELD ROAD) IN 12.1 GUILFORD COUNTY TO US 220-NC 68 INTERSECTION IN ROCKINGHAM COUNTY. FOUR-LANE FREEWAY, ON NEW LOCATION, NC 68 TO US 220 AND FOUR LANES ALONG US 220 TO NC 68 IN ROCKINGHAM COUNTY.	2.1 311602	RIGHT-OF-WAY IN PROGRESS; BUILD NC BONDS: \$3.119 MILLION FOR PE - PAYBACK 2019-2033, \$4.854 MILLION FOR RIGHT-OF-WAY - PAYBACK 2019-2033, \$35 MILLION FOR CONSTRUCTION - PAYBACK 2022-2036         2       311602         COMMITED / NON       A       FOUR LANES AT SR 2011 (EDGEFIELD ROAD) TO SR 2127 (BROOK BANK ROAD) - COMBINED WITH I-5110 AND R-2413B FOR DESIGN-BUILD LET - UNDER CONSTRUCTION COMMITED / NON         B       SR 2127 (BROOK BANK ROAD) TO HAW RIVER - COMBINED WITH I-5110 AND R-2413A FOR DESIGN-BUILD LET - UNDER CONSTRUCTION COMMITED / NON         COMMITED / NON       C       HAW RIVER TO NC 68-US 220 INTERSECTION - UNDER CONSTRUCTION CONSTRUCTION         COMMITED / NON       TRN       CA       NC 68 INTERSECTION - CONVERT AT-GRADE INTERSECTION TO INTERCHANGE - IN PROGRESS
74 / US 311 U-5169 REG	NC 68 (EASTCHESTER DRIVE) IN HIGH POINT. RECONSTRUCT INTERCHANGE AND APPROACHES.	32225	5 32225
			UNDER CONSTRUCTION
S 29 U-5898 REG	NC 150. INTERCHANGE IMPROVEMENTS.		
			PROJECT DELETED - WORK TO BE ACCOMPLISHED UNDER R-5889
(Non STI) REG - Regio	onal Category		Page 8 of 38 COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT T SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAIL
S 2	US 311 U-5169 REG 9 U-5898 REG Dry EX - Exem Ion STI) REG - Regi	INN       FOUR-LANE FREEWAY, ON NEW LOCATION, NC 68 TO US 220 AND FOUR LANES ALONG US 220 TO NC 68 IN ROCKINGHAM COUNTY.         US 311       U-5169       NC 68 (EASTCHESTER DRIVE) IN HIGH POINT. REG         REG       RECONSTRUCT INTERCHANGE AND APPROACHES.         9       U-5898       NC 150. INTERCHANGE IMPROVEMENTS. REG         pory       EX       - Exempt Category Ion STI)         REG       - Regional Category	INN       FOUR-LANE FREEWAY, ON NEW LOCATION, NC 68 TO US 220 AND FOUR LANES ALONG US 220 TO NC 68 IN ROCKINGHAM COUNTY.         US 311       U-5169       NC 68 (EASTCHESTER DRIVE) IN HIGH POINT.       3222         REG       RECONSTRUCT INTERCHANGE AND APPROACHES.       3222         9       U-5898       NC 150. INTERCHANGE IMPROVEMENTS.         REG       REG         Dory       EX       - Exempt Category Ion STI)

DEVELOPMENTAL PROGRAM									
FY 2027	FY 2028	FY 2029							

CB	5148	Α
С	23200	В
R	74608	
U	625	С
С	48400	



HIGHWAY PROGRAM

							HIGHWAY	PROGR/	۹M								
2						TOTAL PRIOR PROJ YEARS		STATE TRA	T) NSPORTATION			OST IN THOUSAND	OS / PROJECT E		ITAL PROGRAM		UNFUNDED
COMMITED / NON		DOUTE/OITY	ID NUMBER			COST COST	EX 2020	-		-		EX 2025	EX 2026		FY 2028	FY 2029	FUTURE YEARS
	COUNTY URBAN PROJE	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION L	ENGTH	THOU) (THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FT 2020	FT 2029	
	GUILFORD	US 29; US 70; US 220	U-6100 SW	SR 4240 (GATE CITY BOULEVARD) TO SOUTH OF I-785 IN GREENSBORO. CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS AND SAFETY ENHANCEMENTS, INCLUDING RAMP CLOSURES AND CONSOLIDATIONS, RECONFIGURE SR 2526 (SUMMIT AVENUE) / PHILLIPS AVENUE INTERCHANGE, AND REPLACE BRI	5.1	106563 10 T T T T										R 2938 U 1115	C 51250 C 51250
	GUILFORD	US 70	U-2581	SR 3045 (MOUNT HOPE CHURCH ROAD) TO SR 3056 (ROCK CREEK DAIRY ROAD). WIDEN TO MULTILANES, PART ON NEW LOCATION.	4.5	55260 17210 T T T T T T T T T T T COMMITED / NO COMMITED / NO COMMITED / NO	CB         257         BA         0           Image: CB         Image:	RB         110         BA           CB         257         BA           C         4350         BA           C         4350         Image: Comparison of the system of	RB         110         BA           CB         257         BA  <	RB         110         BA           CB         257         BA	RB         110         BA           CB         257         BA           CB         250         257           AKE         ROAD) - PRO         2826           EIRCH CREE         250         250	RB 110 BA	PE         101         B.           RB         110         B.           CB         257         B.           Image: CB         257         D.           Image: CB         257         D.           Image: CB         100         D.           Image: CB         100	A RB 110 BA	PE         101         BA           RB         110         BA           CB         257         BA           Image: CB         Image: CB         Image: CB           Image: CB         Image: CB         Image: CB         Image: CB           Image: CB         Image: CB         Image: CB         Image: CB         Image: CB           Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image: CB         Image	RB 110 BA	PE         505         BA           RB         550         BA           CB         1285         BA           R         2113         BB           U         626         BB           C         8200         BB           R         3040         BC           U         901         BC           C         11800         BC
							BONDS: PART BA -	\$1.172 MILLION F	OR PE, \$1.284 MILL	ION FOR RIGHT-	OF-WAY, AND \$3 N	ILLION FOR CONSTR	RUCTION - PAYBA	CK 2020-2034			<u></u>
	GUILFORD	US 220 / SR 2254 (WENDOVER AVENUE	U-6108 ;) REG	US 220 (BATTLEGROUND AVENUE) IN GREENSBORO. RECONFIGURE BATTLEGROUND AVENUE, LAWNDALE DRIVE, AND WESTOVER TERRACE BETWEEN FERNWOOD DRIVE AND WENDOVER AVENUE. IMPROVE TRAFFIC FLOW AND SAFETY. IMPROVE WENDOVER AVENUE CONNECTIONS AT WESTOVER TERRACE, BATTLEG	0.5	58710 10 <u>T</u> <u>T</u> <u>T</u>									R 14867 U 534	R 14867 U 533	R 14866 U 533 C 12500
	GUILFORD	I-73 / I-840 / FUTURE I-840 / US 421	U-2524	GREENSBORO WESTERN LOOP, NORTH OF I- 85 TO LAWNDALE DRIVE IN GREENSBORO. CONSTRUCT FREEWAY ON NEW LOCATION.	15	704817 646389 NHP NHP					CG 10857 C						C 15000 F
						Commited / No Commited / No	N A A A A A A A A A A A A A A A A A A A	AB GREENSB AC GREENSB AE GREENSB BA GREENSB BB GREENSB 3C SR 2085 (B C GREENSB D GREENSB E GREENSB	DRO WESTERN LO DRO WESTERN LO DRO WESTERN LO DRO WESTERN LO DRO WESTERN LO RYAN BOULEVARI DRO WESTERN LO DRO WESTERN LO DRO WESTERN LO	OP, NORTH OF I-E OP, NORTH OF S OP, INTERCHANG OP, SOUTH OF I-4 OP, NORTH OF SI O) INTERCHANGE OP, NORTH OF SI OP, US 220 (BATT OP, ITS INSTALLA	85 NEAR SR 1129 ( R 4121 (HIGH POIN E AT PROPOSED 10 TO NORTH OF S R 2147 (WEST FRIE MODIFICATIONS, R 2176 (BRYAN BO FLEGROUND AVEN ATION - COMPLET	0 (SAPP ROAD) - CO GROOMETOWN ROAD IT ROAD) TO SOUTH HIGH POINT ROAD RI R 2147 (WEST FRIENI ENDLY AVENUE) TO N INCLUDING AUXILIAF ULEVARD) TO US 22( IUE) TO LAWNDALE D E LEWISTON-FLEMING	D) TO NORTH OF OF I-40 - COMPLE ELOCATION - UN DLY AVENUE) - C IORTH OF SR 2177 RY LANES, ITS, AN 0 (BATTLEGROUN DRIVE - UNDER C	ETE DER CONSTRUCTIO COMPLETE 6 (BRYAN BOULEVA ND INMAN ROAD BRI ID AVENUE) - UNDE ONSTRUCTION	N RD) - COMPLETE DGE REPLACEMEN		
						GARVEE B	SOND FUNDING \$105	.9 M FOR SEGME	NT C; PAYBACK FY	2013-2024							
	Forsyth Guilford	US 421 (SALEM PARKWAY)	U-6068 SW	FUTURE I-74 IN KERNERSVILLE TO I-40 IN GUILFORD COUNTY. WIDEN TO 6 LANES.	6.7	110009 10 T T T										R 4749 U 588	R 9497 U 588 C 94577
						COORDINA	ATE WITH U-6059B										
	GUILFORD	NC 62	U-6212 DIV	SR 1007 (RANDLEMAN ROAD). CONSTRUCT TURN LANES.		1270 T T T								R 200 U 70			C 1000
	DIV - Divisio HF - State D SW - Statewi	ollars (Non STI) RE	G - Regio	ot Category onal Category tion Project					Page	e 9 of 38			SIG	COST AND SCH NIFICANT CHAN			D SUBJECT TO COMES AVAILABLE

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R 2938	
U 1115	
	R 2938

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С	51250	
С	51250	

PE	505	
RB	550	
CB	1285	BA
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U	626	
С	8200	
R	3040	
U	901	
С	11800	BC

### HIGHWAY PROGRAM

								HIGHW	AY PROG						
DIVISION	7					TOTAL   PROJ \	PRIOR YEARS		STATE		TYPE OF WORK		COST IN THOUSA	NDS/P	ROJECT BRE
COMMITED / NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST	COST THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025		FY 2026
	URBAN PRO GUILFORD	DJECTS NC 62	U-6018 DIV	SR 1154 (KERSEY VALLEY ROAD) TO SR 1162 (WEANT ROAD) IN ARCHDALE. IMPROVE INTERCHANGE AREA AND REALIGN SR 1154 AND SR 1162 INTERSECTIONS.	2	13717	17 T T T		R 3200 U 200		C 10300				
	GUILFORD	NC 68	U-6127 REG	SR 2129 (FOGLEMAN ROAD) TO SR 2017 / SR 2269 (ALCORN ROAD) IN OAK RIDGE. ACCESS MANAGEMENT IMPROVEMENTS.	0.9	9510	10 T T T						R 900 U 500		
	GUILFORD	NC 68	U-6122 REG	SR 1556 (GALLIMORE DAIRY ROAD) TO TRIAD CENTER DRIVE IN GREENSBORO. UPGRADE CORRIDOR TO SUPERSTREET.	2.1	39950	COORDIN 10 T T T T	ATE WITH R-57					R 600 U 500		
✓ □	GUILFORD	NC 68	U-5974 REG	SR 1523 (HICKSWOOD ROAD) TO SR 1556 (GALLIMORE DAIRY ROAD) IN HIGH POINT. UPGRADE TO SUPERSTREET.	2.9	54154	COORDIN 1675 T T T	ATE WITH U-593	74; BUILD NC BON	DS: \$20 MILLION FO		- PAYBACK 2027-	2041		
	GUILFORD	SR 1001 (CHURCH STREET)	U-5851 DIV	US 220 (WENDOVER AVENUE) TO EAST CONI BOULEVARD IN GREENSBORO. ADD LANES.		16686	COORDIN 915 T T T	ATE WITH U-612	22						
	GUILFORD	SR 1007 (RANDLEMAN ROAD)	U-5850 DIV	ELMSLEY DRIVE TO GLENDALE DRIVE IN GREENSBORO. WIDEN TO MULTLANES.	0.3	3753	830 T T T			R 467 U 56			C 2400		
	GUILFORD	SR 1541 (WENDOVER AVENUE)	U-6121 ) DIV	NC 68 (EASTCHESTER DRIVE) IN HIGH POINT TO SR 1541 (GUILFORD COLLEGE ROAD) IN GREENSBORO. WIDEN TO 6 LANES AND CONSTRUCT SIDEWALKS.		27300 IWA Approval	Т Т Т							RU	
	GUILFORD	SR 1556 (GALLIMORE DAIRY ROAD)	U-4015	NC 68 TO SR 1008 (WEST MARKET STREET) IN GREENSBORO. WIDEN TO MULTILANES.	1.6	14742	COORDIN 4584 T T T COMMITED / NO COMMITED / NO		R         2200         A           U         500         A           V         A         NC 68	TO AIRPARK ROAD	CB 257 A C 3600 A IN GREENSBORO. V 08 (WEST MARKET S				
	GUILFORD RANDOLPH	SR 1577 / SR 1004 (ARCHDALE ROAD)	U-3400 DIV	US 311 (MAIN STREET) TO EAST OF SPRINGWOOD LANE IN ARCHDALE. WIDEN TO MULTILANES.	3.2	33820	BUILD NC 1520 T T T	BONDS: \$3 MI		RUCTION - PAYBAC R 5050 U 950	CK 2023-2037 R 5050 U 950	C 10150	C 10150		
	GUILFORD RANDOLPH	SR 1595 / SR 4053 (SURRETT DRIVE)	U-5864 DIV	I-85 IN TRINITY TO SR 1300 (WEST FAIRFIELD ROAD) IN HIGH POINT. WIDEN TO MULTILANES.	2.9	38251	3512 T T T					R 126 U 302	R 2391		
	HF - State SW - State	Dollars (Non STI) RE	G - Regio	pt Category onal Category tion Project						Pa	ge 10 of 38				CC SIGNIF

RI	EAK									
	DE	VELOP	MEN	TAL	PROGF	RAM				
		FY 2027	,		FY 2028	}	I	FY 2029		FUTURE YEARS
							П	<u> </u>		
	C	8100								
	00	4740		5	4740		00	4740		CB 15444
	CB C	1716 6550		CB C	1716 6550		СВ	1716		CB 15444
			-			-			-	
	R	3879								
	U	500					С	12025		C 36075
							v	12025		0 30073
				R	772		R	2316		
				U	371					C 12312
	R	3650								
	U	450					С	4775		
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	СВ	257	A	СВ	257	A	СВ	257	A	CB 2059 A
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### **HIGHWAY PROGRAM**

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DIVISION	7				TOTAL				074757		TYPE OF WO			THOUSAND	S / PROJECT B	-		0000444		
COMMITED / NON			ID		PROJ COST	YEARS COST			SIATET	KANSPURTAT	ON IMPROVEM	ENT PROGRAI	VI			DEVELOP	MENTAL PR	UGRAM		
/ NON			NUMBER	LOCATION / DESCRIPTION LENGTH		(THOU) FUI	NDS FY 2	2020	FY 2021	FY 2022	FY 2023	FY 202	24 F	Y 2025	FY 2026	FY 2027	FY FY	2028	FY 2029	FUTURE YEARS
	<u>urban proje</u> Guilford	SR 2334 (AIR HARBOR ROAD)	U-6019 DIV	SR 2347 (LAKE BRANDT ROAD). CONSTRUCT TURN LANES AND SIDEWALKS.	1300	425 T				C 875										
						RIGH	T-OF-WAY IN I	PROGRESS												
	GUILFORD	SR 2835 (MCKNIGHT MILL ROAD)	U-6181	SR 2842 (MINORWOOD ROAD). UPGRADE INTERSECTION.	1171	T T T										R 500 U 171				C 500
			DIV																	
	GUILFORD	SR 1486 (GREENSBORO ROAD) / SR 4121 (HIGH POINT ROAD)	U-2412	PROPOSED US 311 BYPASS IN HIGH POINT 7.8 TO SR 1424 (HILLTOP ROAD) IN GREENSBORO. WIDEN TO MULTILANES, PART ON NEW LOCATION.	200046	127674 T	СВ	3711 A CE	3 4822 A	CB 4822	CB 4822	A CB 482	2 A CB	4822 A	CB 4822 A	CB 4822	A CB	4822 A (	CB 4822 A	CB 25263 A
						COMMITE	/ NON 🖌 🗌	DIV A					NDER CONST	RUCTION; BU	ILD NC BONDS: \$	21.508 MILLION	FOR CONSTR	UCTION - P	AYBACK 2019-20	33, \$34.7 MILLION
						COMMITE		TRN B			YBACK 2021-2035 EL ROAD) TO SR <sup>•</sup>		oad) - unde	R CONSTRUC	ΓΙΟΝ					
						, <b></b>							·							
	GUILFORD	VARIOUS	U-6085 DIV	SUPPLEMENTAL FUNDING FOR GREENSBORO URBAN AREA MPO UNIFIED PLANNING WORK PROGRAM.	1153	153 <u>BGD</u> L	A	PI PI		PL 100 PL 25	PL 100 PL 25	PL 100 PL 29	0 PL 5 PL	100 25	PL 100 PL 25	PL 100 PL 25				
						IN PF	OGRESS													
	GUILFORD	VARIOUS	U-6220 DIV	GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO) TRANSPORTATION ALTERNATIVES DIRECT ATTRIBUTABLE (DA) FUNDS - RESERVED FOR FUTURE PROGRAMMING.	3600	TAD			ΙΙ				C	720	C 720	C 720	C	720	C 720	
	01111 5000	VARIOUS	11 5004		45400	BGD			<u> </u>	<del></del>	<u> </u>	<u> </u>		5490	C 10000	C 10000	C 1	0000	C 10000	, <del></del>
	GUILFORD	VARIOUS	U-5021 DIV	GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO) SURFACE TRANSPORTATION BLOCK GRANT DIRECT ATTRIBUTABLE (DA) FUNDS - RESERVED FOR FUTURE PROGRAMMING.	45180	BGD	<u> </u>		<u> </u>	<u> </u>			<u>    c </u>	5180				0000	<u>C  10000 </u>	
	GUILFORD	VARIOUS	U-5812	LAWNDALE DRIVE AND PISGAH CHURCH Road in Greensboro. Intersection	1455	525 BGA	NY			R 144 R 36										
				IMPROVEMENTS AT LAWNDALE ROAD AND		BGA	NY			R 30	C 600									
			DIV	PISGAH CHURCH ROAD, AT LAWNDALE ROAD AND MARTINSVILLE ROAD, AND AT MARTINSVILLE ROAD AND PISGAH CHURCH ROAD		L					C 150									
						NON	STATE-SYSTE	M FACILITY-	LOCAL MAT	CH BY CITY OF G	REENSBORO									
	GUILFORD	SR 2085 (BRYAN BOULEVARD)	U-6008	NEW GARDEN ROAD AT HORSEPEN CREEK ROAD IN GREENSBORO. INTERCHANGE	4680	680 T				R 1250 U 500										
		(BRYAN BOULEVARD)	DIV	IMPROVEMENTS, INCLUDING NEW RAMP FROM WESTBOUND NEW GARDEN ROAD TO WESTBOUND SR 2085.		Ţ					C 2250									
	GUILFORD	SR 2124 (LEWISTON ROAD)	U-6016	SR 2136 (FLEMING ROAD). INTERSECTION IMPROVEMENTS.	2536	350 <u>T</u>				R 836			$\overline{+++}$							
		(LEWISTON ROAD)	DIV			Ť					C 1300									
	GUILFORD	SR 1008 (MARKET STREET)	U-5326	SR 1546 (COLLEGE ROAD) IN GREENSBORO. INTERSECTION IMPROVEMENTS.	7980	7980														·
			DIV																	
						UND	R CONSTRUC	TION BY CIT	Y OF GREEN	SBORO										<u> </u>
	DIV - Division HF - State D SW - Statewi	ollars (Non STI) RE	G - Regio	ot Category onal Category tion Project						Pa	age 11 of 38									ND SUBJECT TO ECOMES AVAILABL

Friday, December 4, 2020

### **HIGHWAY PROGRAM**

	_							пібп	WAY	FRU	GRA												
URBAN PROJECTS GUILFORD SI					TOTAL PROJ	PRIOR YEARS			STAT	TE TRA	NSPO	ORTATI				STIMAT		ST IN TH	OUSAN	DS / PF	ROJECT E	BRE/	
	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST	COST THOU) FUNDS	FY 20	20	FY 202			2022		FY 202		FY 20		FY 20	025		TY 2026		
	-		U-6186 DIV	SR 2516 (ARCHERGATE ROAD) AND SR 2329 (SPENCER-DIXON ROAD) IN GREENSBORO. REALIGN INTERSECTION.		3100	<u>Т</u> Т																
✓ □	GUILFORD	US 29 / US 70 / US 220 (O'HENRY BOULEVARD)	U-5754 REG	I-40 / BUSINESS 85 TO SOUTH OF FLORIDA STREET IN GREENSBORO. ADD LANE ON I-4( / BUSINESS 85 EASTBOUND RAMP ONTO NORTHBOUND US 29 / US 70 / US 220 AND EXTEND US 29 / US 70 / US 220 SOUTHBOUND RAMP ONTO SR 3762 (MARTIN LUTHER KING, JR. DRIVE)	-	3650	т			1	1 1	С	3650			<u> </u>	1	1 1					⊐
	GUILFORD	SR 2133 (PLEASANT RIDGE ROAD)	U-6211 DIV	SR 2136 (FLEMING ROAD) IN SUMMERFIELD. CONSTRUCT TURN LANES.		2440	Т Т Т																
	GUILFORD	SR 1818 (JOHNSON STREET) / SR 1850 (SANDY RIDGE ROAD	U-4758	SR 1820 (SKEET CLUB ROAD) TO SOUTH OF I- 40 IN HIGH POINT. WIDEN TO FOUR LANES.	- 4.4	66439	7518 HP S(M) BG5200 BG5200 BG5200					R R U	6776 1694 3604 1147				C 114	25	C 114	125		11425	
			DIV		Pending FH	WA Approval	B63200						1				0 114	23		23		11425	
	GUILFORD	SR 1820 (SKEET CLUB ROAD)	U-3615	US 311 TO NC 68 (EASTCHESTER DRIVE) IN HIGH POINT. WIDEN TO FOUR- AND FIVE- LANE DIVIDED FACILITY.	5.7	78787	57587 T T COMMITED / NO COMMITED / NO		A TRN B	NO	RTH OF	US 31	1 TO EAS	ST OF S	R1818 (.	JOHNSO	N STREE	T).				311 TO NO 0 FOUR-LA	
	GUILFORD	SR 2085 (BENJAMIN PARKWA` / BRYAN BOULEVARD		SR 2254 (WENDOVER AVENUE) TO HOLDEN ROAD IN GREENSBORO. ADD LANES.	1.2	14556	1140 T T T							RU			C 62	29	C 62	229			<b>+</b>
	GUILFORD	US 220 (BATTLEGROUND AVENUE)	U-5306	INTERSECTION AND SIDEWALK IMPROVEMENTS AT CONE BOULEVARD- BENJAMIN PARKWAY, WESTRIDGE ROAD, NEW GARDEN ROAD, AND BRASSFIELD ROAD INTERSECTIONS IN GREENSBORO.		9926	9926 COMMITED / NO COMMITED / NO COMMITED / NO COMMITED / NO	N 🗹 🗌 N 🗌 🛄	TRN A REG B TRN C D	INT INT	ERSECT	TION V TION V	/ITH WES /ITH NEV	STRIDG V GARD	E ROAD EN ROA	and Af D and <i>I</i>	PROACH	IES - UN CHES - U	AND APPF DER CON INDER CC ROJECT C	STRUCTI NSTRUC	on Fion	JECT COMI	PLET
✓ □	GUILFORD	US 220 (BATTLEGROUND AVENUE)	U-5892 REG	WESTRIDGE ROAD TO COTSWOLD AVENUE IN GREENSBORO. ADD LANES.		23754	2350 T T T										R 37 U 73		R 37 U 7	766 736	C	3100	
✓ □	GUILFORD	US 29 / US 70 / BUSINESS 85	U-5896 DIV	SR 1009 (SOUTH MAIN STREET) IN HIGH POINT. RECONSTRUCT INTERCHANGE.		27755	3138 T T T T	PE 13 RB 63		E 13 B 63	1	PE RB CB C	130 631 429 3700	PE RB CB C	63 <sup>-</sup> 429		PE 11 RB 65 CB 42	31	RB 6	30 331 129	PE RB CB	130 631 429	F (
							RIGHT-OF- 2036	WAY IN PR	OGRESS;	COORDI	INATE W	VITH B	-5353; B	UILD NO	BOND	S: \$1.51	MILLION	FOR PE	AND \$7.35	2 MILLIO	N FOR F	light-of-	NAY

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

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CT BF	REAK	S										
	DE	VELOP	MEN	TAL	PROGE	RAM				U	NFUN	DED
26		FY 2027	,		FY 2028	}		FY 2029	)	FUT	TURE Y	(EARS
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PE	130	PE	130	PE	130		PE	260	
RB	631	RB	631	RB	631		RB	629	
CB	429	СВ	429	CB	429		СВ	1716	

OF-WAY - PAYBACK 2019-2033, \$5 MILLION FOR CONSTRUCTION - PAYBACK 2022-

HIGHWAY PROGRAM

							HIGHW	AY PROG	RAM								
DIVISION	7					TOTAL PRIOR	<b></b>					OST IN THOUSANI	DS / PROJECT I	-			
COMMITED / NON			ID			PROJ YEARS COST COST		SIAIEI	RANSPORTATI	ON IMPROVEMEN	I PROGRAM			DEVELOPME	ENTAL PROGRA	W	UNFUNDE FUTURE YE
	COUNTY URBAN PRO	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (THOU) FUNE	DS FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
	GUILFORD	FRIENDLY AVENUE	U-5841 DIV	WEST OF GREEN VALLEY ROAD TO LINDELL ROAD IN GREENSBORO. WIDENING AND INTERSECTION IMPROVEMENTS.	0.2	2450 1050 T				C 1400							
	GUILFORD	I-785 / I-840; FUTURE I-785; FUTURE I-840	U-2525	GREENSBORO EASTERN LOOP, LAWNDALE DRIVE TO NORTH OF I-40 / I-85 IN GREENSBORO. CONSTRUCT FREEWAY ON NEW LOCATION.	12.6	527782 387022 T T T COMMITED / COMMITED /		PE         541 C           CB         5260 C           C         19379 C           A         GREEN           RN B         GREEN           V         C         GREEN           ENGIN         ENGIN	SBORO EASTERN ISBORO EASTERN ISBORO EASTERN ISBORO EASTERN EERING AND \$61.3	CB 5260 C LOOP, SOUTH OF SI LOOP, US 70 RELOC	ATION TO US 29 M OF GREENSBOR TRUCTION - PAYB	CB 5260 C RMS ROAD) TO US 70 IORTH OF GREENSBO O TO SR 2303 (LAWN)	DRO - UNDER CO	CB 5260 C	CB 5260 C		PE 1616 CB 15773 C 15000 R PRELIMINARY
	GUILFORD	MCCONNELL ROAD	U-6185 DIV	GORRELL STREET AND WILLOW HOPE STREET IN GREENSBORO. CONSTRUCT ROUNDABOUT.		1518 BGANY L BGANY L BGANY L	Y							R         160           R         40           U         94           U         24           D         0			C 960 C 240
						NON-S'	YSTEM FACILITY -	LOCAL MATCH BY	Y CITY OF GREENS	BORO							
	GUILFORD	PISGAH CHURCH ROAD	U-5842 DIV	NORTH ELM STREET IN GREENSBORO. INTERSECTION IMPROVEMENTS.	0.5	1030 100 BGANY L BGANY L	Y			R 144 R 36	C 600 C 150						
	GUILFORD	SR 1850 (SANDY RIDGE ROAD)	U-6045 DIV	I-40 TO SR 1008 (WEST MARKET STREET) IN GREENSBORO. WIDEN TO MULTILANES.	0.7	NON-S 18711 250 T T T	TATE-SYSTEM FA	CILITY- LOCAL MAT	TCH BY CITY OF G	REENSBORO				R 2150 U 250	R 2150 U 250		C 13661
	GUILFORD	WEST FRIENDLY AVENUE	U-6129 DIV	PEMBROKE ROAD INTERSECTION AND GREEN VALLEY ROAD INTERSECTION IN GREENSBORO. CONSTRUCT INTERSECTION AND PEDESTRIAN IMPROVEMENTS. FROM PEMBROKE ROAD TO GREEN VALLEY ROAD, CONSTRUCT ROADWAY AND ACCESS MANAGEMENT IMPROVEMENTS.	0.2	752 BGANY L BGANY L BGANY L	Y						R         120           R         30           U         42           U         10			C 440 C 110	
						NON S	TATE SYSTEM FA			DEENSBODO							
	BRIDGE PRO GUILFORD	UJECTS I-40 / BUSINESS 85 / US 29 / US 70 / US 220	B-5356 SW	REPLACE BRIDGE 400299 OVER SOUTH BUFFALO CREEK IN GREENSBORO.		11980 280 NHPB		CILITY - LOCAL MA							C 5850	C 5850	
						RIGHT.	OF-WAY IN PROG	RESS - COORDINA	TE WITH I-5955 ANI	) I-5965							
	GUILFORD	SR 2128 (BUNCH ROAD)	B-4958 DIV	REPLACE BRIDGE 400106 OVER REEDY FORK CREEK IN OAK RIDGE.		1240 1240			0300 ANL								
						UNDER	RCONSTRUCTION						_				
	DIV - Divisio HF - State SW - Statev	Dollars (Non STI) R	EG - Regio	ot Category onal Category tion Project					Pa	ge 13 of 38			sic			PRELIMINARY AN INFORMATION BE	

Friday, December 4, 2020

								н	IIGHW/	AY PR	OGRA	M															
DIVISION	7					TOTAL	PRIOR							e of Wo				N THOUS	ANDS	/ PROJEC							
COMMITED			ID			PROJ COST		L		ST	ATE TRA	NSPORTA	TION IM	PROVEM	ENT PR	ROGRAM					D	EVELOP	MENTAL	PROGRA	M		UNFUNDED
/ NON	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (		UNDS	FY 2020	FY2	2021	FY 202	2	FY 2023		FY 2024	Ļ	FY 2025		FY 202	26	FY 2027	7 I	FY 2028	FY	2029	FUTURE YEAF
	BRIDGE PROJ	ECTS																									
	GUILFORD	SR 3058 (JUDGE ADAMS ROAD)	B-4960	REPLACE BRIDGE 400214 OVER LITTLE ALAMANCE CREEK.		3514	3514																				
			DIV																								
								NDER CONST	TRUCTION																		
	GUILFORD	SR 2821	B-5344	REPLACE BRIDGE 400161 OVER SOUTH		1195	1195	IDER CONST	RUCTION																		
		(HARVEST ROAD)		BUFFALO CREEK.																							
			DIV																								
								NDER CONST	FRUCTION																		
	GUILFORD	I-40 / BUSINESS 85 (WESTBOUND)	B-5119 SW	REPLACE BRIDGE 400291 AND BRIDGE 400349 OVER US 29 / US 70 / US 220 IN GREENSBORO.		8293	8293																				
							UN		TRUCTION																		
	GUILFORD	BALLINGER ROAD	B-5553	REPLACE BRIDGE 400098 OVER A TRIBUTARY OF HORSEPEN CREEK IN		3203	3203												_								
			DIV	GREENSBORO.																							
							UN	IDER CONS	TRUCTION B	Y CITY OF	GREENSBO	DRO; MUN	ICIPAL BR	RIDGE PRO	JECT												
	GUILFORD	PATTON AVENUE	B-5718	REPLACE BRIDGE 400329 OVER I-40 / BUSINESS 85 / US 29 / US 70 / US 220 IN		3844	202 <u>NI</u> NI	HPB HPB											$\exists$			R 218 U 74					
			DIV	GREENSBORO.			N	HPB															C	1675	C	1675	
			Div																								
	GUILFORD	SR 1158 (JACKSON LAKE	B-5723	REPLACE BRIDGE 400054 OVER RICHLAND CREEK IN HIGH POINT.		3237	157 BC BC	GOFF GOFF				R 280	) (	2800					$\exists$								
		ROAD)	DIV																								
	GUILFORD	WILLOW ROAD	B-5713	REPLACE BRIDGE 400352 OVER I-40 / BUSINESS 85 IN GREENSBORO.		3584	100 NI	HPB HPB	$\square$								R	166	<b>-</b> ] [	C 331	0						
			DIV	BUSINESS 63 IN GREENSBURU.	Pending FHW	VA Approval		1PB												C 331	8						
		ETY PROJECTS																									
	GUILFORD	NC 68	W-5114	SOUTH OF SR 2111 (EAST HARRELL ROAD) TO SR 4831 (BARTONSHIRE DRIVE) IN OAK RIDGE AND SUMMERFIELD. CONSTRUCT TURN LANES, CLOSE ACCESS TO SR 2029 (WEST HARRELL ROAD), AND RELOCATE SR 2111 INTERSECTION AND PORTION OF SR 2111.	0.52	2923	2923																				
				2111.					TRUCTION																		
	GUILFORD	NC 62;	W-5305	SR 1129 AT SR 4019 (GROOMETOWN ROAD);		735		IDER CONS																			
		SR 1129 (GROOMETOWN		NC 62 AT SR 1129 (GROOMETOWN ROAD). REALIGN BOTH INTERSECTIONS AND																							
		ROAD)		REMOVE ACCESS BETWEEN SR 4019 AND NC 62.																							
			REG																								
	CONCERTION	MITIGATION PROJECT					UN	NDER CONST	RUCTION																		
	GUILFORD	VARIOUS	C-5558 EX	CITY OF HIGH POINT SIGNAL SYSTEM EXPANSION AND UPGRADE.		10232	10232																				
							UN	NDER CONST	TRUCTION																		
	DIV - Divisio HF - State D SW - Statewi	ollars (Non STI) R	EG - Regio	pt Category onal Category tion Project									Page 14	4 of 38													D SUBJECT TO COMES AVAILA

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### **HIGHWAY PROGRAM**

DIVISION	7				TOTAL F	PRIOR				TYPE (	OF WORK /	ESTIMATED CO	ST IN THOUSA	NDS / PRC	JECT BR	REAKS				
COMMITED					PROJ Y	YEARS		STATE TH	RANSPORTA	TION IMPR	OVEMENT	PROGRAM		]		DEVELOP	PMENTAL I	PROGRAM		UNFUNDED
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION LENGTH	COST (THOU) (1	COST THOU) FUNDS	FY 2020	FY 2021	FY 202	2 F	Y 2023	FY 2024	FY 2025	F١	2026	FY 2027	7 F	FY 2028	FY 2029	FUTURE YEARS
	CONGESTION DAVIDSON FORSYTH GUILFORD	MITIGATION PROJECTS VARIOUS	<u>S</u> C-5609 EX	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE HIGH POINT MPO.	914	105 CMAQ L CMAQ L CMAQ L CMAQ L CMAQ L L CMAQ L	PE         65           PE         16           R         65           R         16           C         388           C         97           O         65           O         16           I         65           I         16													
			EA			IN PROG								_						
	GUILFORD ORANGE	VARIOUS	C-5602 EX	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE BURLINGTON-GRAHAM MPO.	57	CMAQ L CMAQ L CMAQ L CMAQ L CMAQ L	PE         5           PE         1           R         5           R         1           C         26           C         7           O         5           O         1           I         5           I         1													
			LA																	
	GUILFORD	VARIOUS	C-5555	SIDEWALK PROJECTS AT SELECTED LOCATIONS IN GREENSBORO.	2029	1029 BGDA L CMAQ L		C 600 E C 150 E C 200 E C 50 E												
			EX				ON 🗌 🗌 EX					Garden Road) in	GREENSBORO.	CONSTRUC	T SIDEWA	lks Right-	-OF-WAY IN	I PROGRESS		
	GUILFORD	VARIOUS	C-5607	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE GREENSBORO URBAN AREA MPO.	1198	PLANNIN CMAQ L CMAQ L CMAQ L CMAQ L CMAQ L	G / DESIGN / RIGHT PE 96 PE 24 R 96 R 24 C 574 C 144 O 96 O 24 I 96 I 24				EENSBORO									
			EX											_						
	GUILFORD	DEEP RIVER GREENWAY	EL-5104 EX	DEEP RIVER GREENWAY EXTENSION. GREENWAY TRAIL CONNECTING UNIVERSITY PARK WITH PIEDMONT ENVIRONMENTAL CENTER.	1664	1664														
	GUILFORD	OAKDALE ROAD	C-5700 EX	EXISTING SIDEWALK EAST OF EAST MAIN 0.4 STREET TO CHIMNEY COURT IN JAMESTOWN. EXTEND SIDEWALK.	210	UNDER C 40 CMAQ L		CITY OF HIGH PC C 136 C 34						] []						

Friday, December 4, 2020

HIGHWAY PROGRAM

									HIGHWA	Y PROGR	AM								
DIVISIO	DN	7					TOTAL					TYPE OF WC			OST IN THO	JUSAND	S / PR	OJECT BRE	
COMMI / NO				ID			PROJ COST			STATE TRA	NSPORTATIO	N IMPROVEN	IENT PRO	GRAM					L
		COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	3 F	Y 2024	FY 20	25	F	Y 2026	
		INTERSTATE DURHAM ORANGE	PROJECTS I-40	I-3306	I-85 IN ORANGE COUNTY TO NC 147 (DURHAM FREEWAY / TRIANGLE EXPRESSWAY) IN DURHAM COUNTY. WIDEN TO SIX LANES AND INSTALL ITS.	1 20.7	284848	88683 NHP NHP S(M) NHP NHP S(M) NHP NHP NHP NHP NHP		R         2026         AA           U         28         AA           CG         5663         AA           C         5500         AA           R         555         AB           CG         3604         AB           C         113         AB           R         6810         AC           U         600         AC           C         2675         AC	C 5500 AA	C         5500           CG         3604           C         3500           C         113	AB CG AB C AB C	5663 AA 5500 AA 3604 AB 3500 AB 112 AB 2675 AC	CG 360	63 AA 04 AB	CG CG CG	3604 AB	
						-	IWA Approval IWA Approval	COMMITED / NO	DN	AB NC 86 TO D AC NC 86 INTE	86 - DESIGN-BU DURHAM COUNT RCHANGE IMPR OUNTY LINE TO	Y LINE - DESIG Rovements - I	9N-BUILD P Design-Bu	ROJECT; G	GARVEE BON	NDS: \$42 I	MILLION	FOR CONST	R
		ORANGE	I-40 / I-85	I-5958 SW	WEST OF SR 1114 (BUCKHORN ROAD) TO WEST OF SR 1006 (ORANGE GROVE ROAD). PAVEMENT REHABILITATION.	7.1	8840	150 NHPIM				ΙΙ							
		ORANGE	I-85	I-5984 SW	NC 86 IN HILLSBOROUGH. UPGRADE INTERCHANGE.		26100	1000 NHP NHP NHP								$\blacksquare$			
		ORANGE	I-85	I-5967 SW	SR 1009 (SOUTH CHURTON STREET) IN HILLSBOROUGH. INTERCHANGE IMPROVEMENTS.	Pending FH	21700 IWA Approval	COORDIN 1000 NHP NHP NHP	ATE WITH I-0305, I-	5959, AND I-5967						25 25	R U	2475 375	
		ORANGE	I-85	I-5959 SW	WEST OF SR 1006 (ORANGE GROVE ROAD) TO DURHAM COUNTY LINE. PAVEMENT REHABILITATION.	7.5	11305	COORDIN 150 NHPIM	ATE WITH I-0305, I-	5959, AND I-5984		11							
		DURHAM ORANGE	I-85	I-0305 SW	WEST OF SR 1006 (ORANGE GROVE ROAD) IN ORANGE COUNTY TO WEST OF SR 1400 (SPARGER ROAD) IN DURHAM COUNTY. ADD LANES.	I 7.8	137743	COORDIN 4343 NHP NHP NHP	ATE WITH I-0305, I-	5967, AND I-5984									
		RURAL PROJ	ECTS					COORDIN	ATE WITH I-5959, I-	5967, I-5984 AND U-	5845								
		ORANGE	NC 54	R-5821	SR 1006 (ORANGE GROVE ROAD) TO SR 1107 / SR 1937 (OLD FAYETTEVILLE ROAD). CONSTRUCT OPERATIONAL IMPROVEMENTS, INCLUDING BICYCLE/PEDESTRIAN ACCOMMODATIONS, AND IMPROVE SR 1006 INTERSECTION.		52470 HWA Approval			ACCOMMO	RANGE GROVE DATIONS - BUII RANGE GROVE	LD NC BONDS:	\$30 MILLIO	N FOR CON	STRUCTION	- PAYBAO	CK 2028	-2042	TI
		URBAN PROJ CHATHAM ORANGE	<u>ECTS</u> US 15 / US 501	U-6192 DIV	US 64 BYPASS TO SR 1919 (SMITH LEVEL ROAD). CONVERT REMAINING NON- SYNCHRONIZED SECTIONS OF FACILITY TO SYNCHRONIZED STREET.	10.5	117700	T T T									R U	3100 10000	
			Oollars (Non STI)	EX - Exemp REG - Regio 'RN - Transit	nal Category						Paç	ge 16 of 38						Ci SIGNI	

### T BREAKS

FY 2027

DEVELOPMENTAL PROGRAM	

UNFUNDED FUTURE YEARS

CG	5663	AA	CG	5663	AA	CG	5663	AA
CG	3604	AB	CG	3604	AB	CG	3604	AB

FY 2028

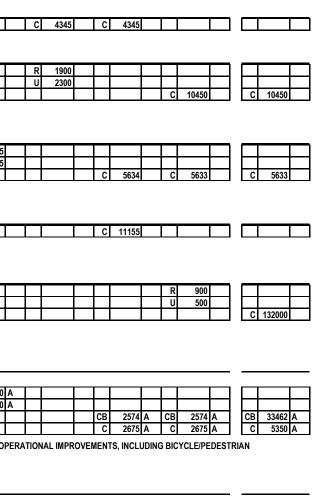
FY 2029

_		
CG	16986	AA
CG	10806	AB

AYBACK 2021-2035

CONSTRUCTION - PAYBACK 2021-2035

COMPLETE



R	3100	R	3100					
U	10000	U	10000					
						С	78400	

### **HIGHWAY PROGRAM**

	7								0TATE		TYPE OF WOR	K / ESTIMATED C	OST IN THOUSA	NDS / PROJEC	-	-	ITAL PROGRAI	И	
COMMITED / NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	PROJ COST	COST	5 FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 202		FY 2027	FY 2028	W FY 2029	UNFUNDED
			NUMBER	LOCATION / DESCRIPTION	LENGTH	(100) (	(THOU) FUND	5 F1 2020	FT 2021	F1 2022	F1 2023	F1 2024	FT 2023	F 1 202	20	FT 2027	F1 2020	F1 2029	
	URBAN PRO. DURHAM ORANGE	JECTS NC 54 SR 1009 (SOUTH CHURTON	U-5774	US 15 / US 501 IN CHAPEL HILL TO NC 55 IN DURHAM. UPGRADE ROADWAY CORRIDOR.	8.2	374653	COMMITED / N COMMITED / N COMMITED / N COMMITED / N COMMITED / N COMMITED / N COMMITED / N	ION V REG ION I REG ION I REG ION I SW ION I SW ION I SW ION I I	B US 15 WITH 3 C SR111 D FALCO E SR 11 <sup>2</sup> F I-40 / N G I-40 TC H NC 75 <sup>2</sup> I SR 11 <sup>2</sup> J SR 110	SR 1110 TO INTER( 0) (BARBEE CHAPE INBBRIDGE ROAD 0) (FARRINGTON R C 54 INTERCHAN( 0) NC 751. UPGRAD TO SR 1118 (FAYI 8) (FAYETTEVILLE	E COUNTY TO SR 1 HANGE. L ROAD) TO I-40. UI CONVERT AT-GRA OAD). CONVERT AT- E IMPROVEMENTS E ROADWAY CORRI ETTEVILLE ROAD). ROAD) TO SR 1106	PGRADE ROADWAY ADE INTERSECTION T-GRADE INTERSEC	CORRIDOR. TO INTERCHANGE. TION TO GRADE SI AY CORRIDOR PF IPGRADE ROADWA	- SCOPE INCLI EPARATION S		U 1000 B	RIDOR AND CON	R       9111       B         R       3876       C         U       1000       C         R       3876       C         U       1000       C         R       1000       F         U       800       F         U       900       F         U       800       F         U       900       F	R 2800 A U 1000 A C 11000 A C 30900 B C 30900 B C 23700 C R 111238 F C 39300 F R 1800 G C 29400 G C 29400 G C 29400 G C 13200 H U 2500 H U 2500 H U 2500 J U 10700 I C 14800 J C 14800 J
	ORANGE		DIV U-5846				T T	NATE WITH I-0305	AND I-5967									C 9848	
		(GREENSBORO STREET)	DIV	CONSTRUCT ROUNDABOUT.															
							UNDER	CONSTRUCTION											
	CHATHAM DURHAM ORANGE	VARIOUS	U-5023 DIV	DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) SURFACE TRANSPORTATION BLOCK GRANT DIRECT ATTRIBUTABLE (DA) FUNDS - RESERVED FOR FUTURE PROGRAMMING.		55394	BGDA						C 10594	C 1120	00	C 11200	C 11200	C 11200	
	CHATHAM DURHAM ORANGE	VARIOUS	U-6219 DIV	DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) TRANSPORTATION ALTERNATIVES DIRECT ATTRIBUTABLE (DA) FUNDS - RESERVED FOR FUTURE PROGRAMMING.		3600	INCLUDI TADA	ES \$137K TO BE AL		6-5235; \$1548K ALI	OCATED TO U-4726	5. 	C 400	C 80	00	C 800	C 800	C 800	

ßR	EAK	S										
	DE	VELOP	MEN	TAL	PROGR	RAM					UNFUNE	DED
		FY 2027	,		FY 2028	}		FY 2029	)	FL	ITURE Y	EAR
										F		
										ι		
										C	11000	Α
	R	9112	В	R	9111	В	R	9111	В			
	U	1000	В									
										C	30900	В
							R	3876	С			
							U	1000	С			
										C	23700	С
							R	1000	F	F	111238	F
							U	800	F			
										C	39300	F
										F	R 1800	G
										l	J 800	G
										0	29400	G
										F	R 5900	Н
										ι	J 2500	Н
										0	13200	Н
										F	2500	I
										ι	J 10700	I
										0	20400	I
				Ī						F	3200	J
				Ī						ι	J 12600	J
				Ī						C	_	

R	4625							
U	555							
				С	9848			

### **HIGHWAY PROGRAM**

DIVISION	7				TOTAL	PRIOR	попи				TYPE OF WOR	K / ESTIMATED CO	OST IN THOUS	ANDS / PROJE	CT BREAKS				
COMMITED					PROJ	YEARS			STATE TRA		N IMPROVEME						TAL PROGRAM		UNFUNDED
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION LENGTH		COST (THOU) FUNDS	5 FY 2020	F	Y 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 20	26 F	Y 2027	FY 2028	FY 2029	FUTURE YEARS
	URBAN PROJE DURHAM ORANGE	<u>CTS</u> VARIOUS	U-5543 EX	VARIABLE MESSAGE SIGNS FOR TRAFFIC MANAGEMENT ON MAJOR CORRIDORS IN CHAPEL HILL.	1077	1077													
							ONSTRUCTION	I BY TOWN	OF CHAPEL	HILL								. <u> </u>	
	CHATHAM DURHAM ORANGE	VARIOUS	U-4727	DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION (DCHCMPO) PLANNING ALLOCATION AND UNIFIED WORK PROGRAM.	20688	15908 BGDA L BGDA L	PL 1799 PL 450	PL PL	2025 506										
			DIV													•		<u> </u>	
							EAR AMOUNT II	NCLUDES	223K FEDER	AL TIGER GRAN	т								
	ORANGE	US 15 / US 501 (FORDHAM BOULEVARD) US 15 / US 501 (FORDHAM BOULEVARD)	U-5304	NC 86 (SOUTH COLUMBIA STREET) TO I-40 IN       6         CHAPEL HILL. UPGRADE CORRIDOR.       6         SR 1742 (EPHESUS CHURCH ROAD) IN       1000000000000000000000000000000000000	167851	T T T T T T T T T T T T T T COMMITED / N COMMITED / N COMMITED / N	ON	SW B C REG D SW E SW F	NC 86 (SOI SR 1742 (E NC 54 (RAI SR 1902 (N SR 1742 (E	JTH COLUMBIA PHESUS CHURC EIGH ROAD). TO ANNING DRIVE)	STREET) TO NC 5 H ROAD). INTERS ) SR 1742 (EPHES . CONVERT AT-GR	HANGE IMPROVEME 4 (RALEIGH ROAD). ECTION IMPROVEMI US CHURCH ROAD). ADE INTERSECTION CORRIDOR CAPACIT	CAPACITY IMPR ENTS WORK ( CAPACITY IMP I TO INTERCHAM	ompleted und Rovements , w Ge.	ER U-5550.				
			SW																
	DURHAM ORANGE	SR 2220 (OLD CHAPEL HILL ROAD) SR 1838 (OLD DURHAM ROAD	EB-4707	US 15 / US 501 IN ORANGE COUNTY TO SR 2.7 1116 (GARRETT ROAD) IN DURHAM COUNTY. BICYCLE, PEDESTRIAN, AND TRANSIT IMPROVEMENTS; AND CONSTRUCTION OF ROUNDABOUT.	13348	UNDER C 13348	CONSTRUCTION	I BY TOWN	OF CHAPEL	HILL									
			TRN			COMMITED / N COMMITED / N		'RN A 'RN B				113 (POPE ROAD) IN T ROAD) - UNDER C		TY - UNDER CO	ISTRUCTION				
	ORANGE	SR 1146 (WEST TEN ROAD)	U-6245 DIV	SR 1114 (BUCKHORN ROAD) TO WEST OF SR 1.13 1137 (BUSHY COOK ROAD). CONSTRUCT OVERLAY, PAVED SHOULDERS AND TURN LANES.	998	Т Т Т	PE 109 R 60	C	829										
						ECONON	IIC DEVELOPMI	ENT PRO.IF	ECT										

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5.1/2/01	_						HIGHW	AY PRO	GRAM								
DIVISION COMMITED	7				TOTAL PROJ		<b></b>	STAT	E TRANSPORTATI			COST IN THOUSAN	DS/PROJECT E		NTAL PROGRAM	1	UNFUNDED
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION LENGTH	COST	COST (THOU) FUNDS	FY 2020	FY 202		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
	URBAN PROJ ORANGE		U-5854 DIV	SR 1913 (BENNETT ROAD) IN CHAPEL HILL. CONSTRUCT ROUNDABOUT AND RELATED SAFETY IMPROVEMENTS.	2607	2607											
						UNDER C	ONSTRUCTION										
	<u>BRIDGE PROJ</u> ORANGE	NC 86	B-6037 REG	REPLACE BRIDGE 670049 OVER NORTH CAROLINA RAILROAD / NORFOLK SOUTHERN RAILROAD. Pending F	2850 HWA Approval	100 NHPB NHPB					R 250	C 2500					
	ORANGE	SR 1005 (OLD GREENSBORO ROAD)	B-5348	REPLACE BRIDGE 670085 OVER PHIL'S CREEK.	1345	1345											
			пг														
						UNDER C	ONSTRUCTION										
	ORANGE	EETY PROJECTS SR 1004 (EFLAND-CEDAR GROVE ROAD)	W-5143 TRN	NORTH OF INTERSECTION WITH SR 1332 (HIGHLAND FARM ROAD). IMPROVE HORIZONTAL ALIGNMENT OF CURVE TO PROVIDE A MINIMUM OF 60 MPH DESIGN SPEED.	1276	1276											
							ONSTRUCTION										
	CONGESTION ORANGE	MITIGATION PROJECT SR 1919 (SMITH LEVEL ROAE S. GREENSBORO ST	C-5650 )/	PUBLIC WORKS DRIVE TO N. END OF OLD 0.59 PITTSBORO ROAD IN CARRBORO. CONSTRUCT 3,100 LF SIDEWALK ON ONE SIDE.	1948	105 BGANY L BGANY L CMAQ L L		R 100									
	CHATHAM DURHAM ORANGE	VARIOUS	C-5605 EX	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE DURHAM / CHAPEL HILL / CARRBORO MPO.	4334	2845 CMAQ L CMAQ L CMAQ L CMAQ L CMAQ L L	PE         119           PE         30           R         119           R         30           C         714           C         179           O         119           O         30           I         119           I         30										
						IN PROGI											
	CHATHAM ORANGE	VARIOUS	C-5618 EX	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE TRIANGLE AREA RPO.	145		PE         12           PE         3           R         12           R         3           C         68           C         17           O         12           O         3           I         12           I         3										
	DIV - Divisio HF - State D SW - Statew	ollars (Non STI) R	EG - Regio	pt Category onal Category tion Project					Pa	ige 19 of 38			SIG				ND SUBJECT TO ECOMES AVAILABL

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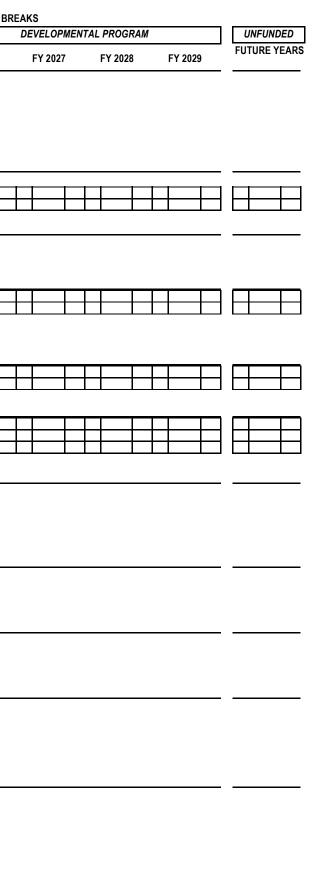
### **HIGHWAY PROGRAM**

							HIGHWA	Y PROGF										
DIVISION	7				TOTAL F PROJ N			STATE TE			RK / ESTIMATED ( ENT PROGRAM	COST IN THOUSANI	DS / PROJECT		MENTAL PR			UNFUNDED
COMMITED / NON			ID		COST	COST		-		-				-				FUTURE YEARS
	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION LENGTH	(THOU) (1	THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 202	7 FY 2	2028	FY 2029	
	CONGESTION	MITIGATION PROJECT: SR 1750 (NORTH ESTES DRIVE)	<u>5</u> C-5179 EX	NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO CASWELL DRIVE IN CHAPEL HILL. CONSTRUCT FIVE FOOT SIDEWALKS AND FIVE FOOT BIKE LANES.NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) TO ELLIOTT ROAD IN CHAPEL HILL. CONSTRUCT TEN FOOT MULTIUSE PATH.	3682	730 CMAQ L	C 2362 C 590											
	DURHAM	TRIANGLE J	C-4924	TRIANGLE J COUNCIL OF GOVERNMENTS	8400	UNDER C 8400	INSTRUCTION BY 1	OWN OF CHAPE	LHILL									
	ORANGE WAKE	COUNCIL OF GOVERNMENTS	C-4924 EX	(COG). TRANSPORTATION DEWAND MANAGEMENT PROGRAM FOR ORGANIZATIONS IN TRIANGLE OZONE NON- ATTAINMENT AREA.	6400	COMMITED / N						DRGANIZATIONS IN CA DRGANIZATIONS IN DU		. ,		ROGRESS		
	ORANGE	JONES CREEK GREENWAY	C-5181 EX	CONSTRUCT A 100 FOOT BRIDGE AND 650 FOOT PAVED TRAIL IN CARRBORO TO FILL GAP BETWEEN THE UPPER BOLIN TRAIL AND TWIN CREEKS GREENWAY AND IMPLEMENT PROGRAM TO SUPPORT NON- VEHICLE TRIPS TO MORRIS GROVE ELEMENTARY SCHOOL.	766	100 CMAQ L CMAQ L		C 523 C 131 I 10 I 2										
	ORANGE	RIVERWALK TRAIL	C-5184 EX	RIVERWALK TRAIL, PHASE III IN HILLSBOROUGH. CONSTRUCT A PAVED OFF- ROAD TAIL ALONG ENO RIVER CONNECTING RIVER PARK, GOLD PARK AND THE OCCONEECHEE MOUNTAIN STATE NATURAL AREA, AND CONSTRUCT SIDEWALK TO PROVIDE PEDESTRIAN AND BICYCLE CONNECTIONS TO THE GREE	610	610												
						UNDER C	INSTRUCTION BY 1	OWN OF HILLSE	OROUGH									
	INTERSTATE P																	
	ROCKINGHAM	FUTURE 1-73 / US 220	I-5898 REG	US 311 / NC 135 INTERCHANGE. REPLACE BRIDGE 780074 AND UPGRADE INTERCHANGE.	5045	937 <u>T</u> T T			R 1683 U 550			C 1875						
	RURAL PROJE ROCKINGHAM	<u>CTS</u> NC 65 / NC 87	R-5766	WEST OF SR 2371 (OLD COUNTY HOME ROAD) IN WENTWORTH TO US 158 / US 29 BUSINESS (FREEWAY DRIVE) IN REIDSVILLE. UPGRADE ROADWAY.	10587			B SR 1001	(SANDY CROSS R	OAD) / SR 1998 (V	VENTWORTH STRE			B C C 1650 SR 1998 (WENTW				
	ROCKINGHAM	NC 87	R-5704	SR 1998 (WENTWORTH STREET) / SR 1001	2884	2884												
			REG	(SANDY CROSS ROAD). INTERSECTION REALIGNMENT.		UNDER C	INSTRUCTION											
	<u>URBAN PROJE</u> Rockingham	ICTS US 311 / NC 14 (SOUTH VAN BUREN ROAD)	U-5893 REG	SR 2066 (KINGS HIGHWAY) IN EDEN. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	8755	645 T T T					R 1643 U 717		C 2875	C 2875				
	DIV - Division HF - State Do SW - Statewi Friday, Decen	ollars (Non STI) RE de Category TRI	G - Regio	ot Category onal Category tion Project					Pa	ge 20 of 38			S					O SUBJECT TO COMES AVAILABLE



HIGHWAY PROGRAM

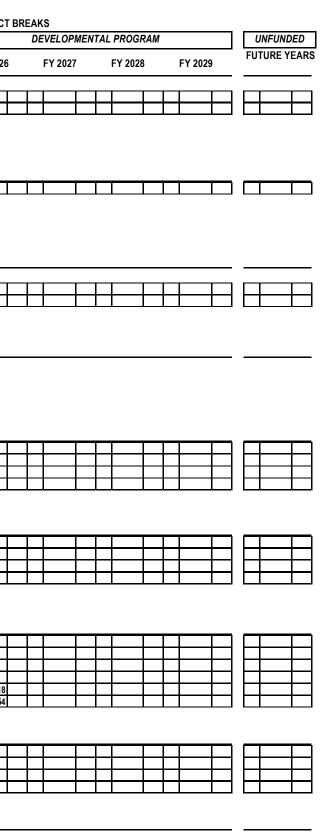
	_													
DIVISION	7					TOTAL			074757				COST IN THOUS	ANDS / PROJECT
COMMITED			ID			PROJ COST	YEARS		SIAIEII	RANSPORTATIO	N IMPROVEMEN	II PROGRAM		
/ NON	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
	URBAN PRO	JECTS												
	ROCKINGHAM	US 29 BUSINESS/US	U-3326	SOUTH SCALES STREET TO NC 14 IN	5.6	101957	101957							
		158 (EDEELWAY, DDIVE)		REIDSVILLE. WIDEN TO MULTILANES.										
		(FREEWAY DRIVE)												
							COMMITED / NO COMMITED / NO			SCALES STREET T (RICHARDSON DR	-			HON
							COMMITED/NC		B 3K 2000	(KICHARDSON DR	NE) TO NO 14- 0N			
	BRIDGE PRO	JECTS												
	ROCKINGHAM	NC 14 / NC 87	B-6038	REPLACE BRIDGE 780155 OVER NORFOLK		4390	100 NHPB		R 390					
			550	SOUTHERN RAILROAD.			NHPB				C 3900			
			REG											
	ROCKINGHAM	NC 14 / NC 87	BR-0044	REPLACE BRIDGE 780168 OVER SMITH RIVER	R.									
			REG											
							PROJECT	DELETED - WOR	K TO BE COMPLET	TED UNDER STATE		M		
	ROCKINGHAM	SR 1138	B-5716	REPLACE BRIDGE 780140 OVER DAN RIVER		7660	950 BGOFF	R 610						┑╷╼┯╼╼┯
		(LINDSEY BRIDGE	2 0.10				BGOFF			C 6100				
		ROAD)												
			DIV											
	ROCKINGHAM	SR 1169	B-5722	REPLACE BRIDGE 780277 OVER BEAVER CREEK		2775	575 BGOFF BGOFF	R 200	C 2000		+ $+$ $+$	+ $+$ $+$	+ $+$ $+$	┥┝┼──┼
		(ISLAND DRIVE)	DIV	CREEK			BGOFF		C 2000					
			DIV											
	ROCKINGHAM	SR 2177	B-5721	REPLACE BRIDGE 780124 OVER MAYO RIVER	र	4157	200 BGLT5		R 188					
		(DAN VALLEY ROAD)		IN MADISON.			BGLT5 BGLT5		U 269	C 3500	+ + + +	+ $+$ $+$	+ + +	┥┝╶┼┈┼
			DIV				DOLIN		1 1 1			1 1 1		
	ROCKINGHAM	SR 2600	BR-0042	REPLACE BRIDGE 780116 OVER US 29.										
		(MIZPAH CHURCH ROAD)												
		NOAD)	DIV											
							PROJECT	DELETED - WOR	K TO BE COMPLET	TED UNDER STATE	BRIDGE PROGRA	M		
	ROCKINGHAM	US 220	B-5352	REPLACE BRIDGE 780131 OVER NORFOLK		2390	2390							
		(NORTHBOUND)	<b>CW</b>	SOUTHERN RAILROAD.										
			SW											
								ONSTRUCTION						
	ROCKINGHAM	SR 2351	B-5715	REPLACE BRIDGE 780017 OVER HAW RIVER.		1283	1283							
		(WITTY ROAD)	DIV											
			DIV											
								ONSTRUCTION						
	ROCKINGHAM	SR 1925	B-4803	REPLACE BRIDGE 780097 OVER WOLF ISLAND CREEK.		2358	2358							
		(WORSHAM MILL ROAD)		JEAND VILLI.										
		NODE	DIV											
							UNDER CO	ONSTRUCTION						
	ROCKINGHAM	SR 2600	B-4964	REPLACE BRIDGE 780085 OVER SOUTHERN		2843	2843							
		(MIZPAH CHURCH		RAILROAD.										
		ROAD)												
			DIV											
								ONSTRUCTION						
							UNDER GO							
	DIV - Divisi	on Category EX	( - From	pt Category						_	04 50-			
	HF - State	Dollars (Non STI) R	EG - Regio	onal Category						Pag	je 21 of 38			SIC
	SW - Statev	vide Category TR	N - Transi	tion Project										
	R													



### **NON-HIGHWAY PROGRAM**

								N	ON-HI	GHWA	AY PR	OGR/	AIVI								
DIVIS	SION	7						PRIOR	r		OTATE	TRANCE					OST IN	THOUSAN	IDS / PF	ROJECT	B
	MITED NON			ID				YEARS COST			SIAIE	TRANSP	ORIAII	ROVEME	NIPROC	SKAM					
		COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	FY 20	20	FY 2021	F	Y 2022	FY 2023	F١	Y 2024	FY	2025	F	FY 2026	)
		AVIATION P Alamance	ROJECTS BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY)	AV-5737	OBTAIN NAVIGATION EASEMENTS AND Clear Obstructions in the Runway 24 Approach.		1363	163 T L			R 1080 R 120										
				DIV																	
✓		ALAMANCE	BURLINGTON- ALAMANCE REGIONAL AIRPORT (BUY)	AV-5851 DIV	CONSTRUCT 100 FT PAVED OVERRUN AND MAKE SAFETY ENHANCEMENTS.		2080	Т			C 2080								) (		
		BICYCLE AN	ND PEDESTRIAN PROJECT	rs															·		
		ALAMANCE	US 70 (NORTH CHURCH STREET)	EB-5885 DIV	BEAUMONT AVENUE TO SR 1716 (GRAHAM- HOPEDALE ROAD) IN BURLINGTON. CONSTRUCT SIDEWALK.	0.5	120	TA5200 L		96 24											
✓		ALAMANCE	NC 87 (SOUTH MAIN STREET)	EB-5884	SR 2183 (IVEY ROAD) TO SR 2100 (EAST GILBREATH STREET) IN GRAHAM. CONSTRUCT SIDEWALK.	0.8															
				DIV		Pending FH	WA Approva	l													
								PROJECT	DELETED	DECLINED	BY CITY										
		ALAMANCE	NC 49 / NC 54 (HARDEN STREET)	EB-5887	WEST PINE STREET TO NORTH MARSHALL STREET IN GRAHAM. CONSTRUCT SIDEWALK	0.8 K.	175	26 TA5200 L TA5200			R 35 R 9	C C	84 21								
				DIV				<u></u>	1 1					L							_
								IN PROGF	ESS												
		ALAMANCE	US 70 (NORTH CHURCH STREET)	EB-5879 DIV	SR 1716 (GRAHAM-HOPEDALE ROAD) TO SR 1719 (SELLARS MILL ROAD) IN BURLINGTON. CONSTRUCT SIDEWALK.		110				R 22 R 6 C 53 C 13										
								IN PROGF	ESS												
		ALAMANCE	LEE AVENUE	EB-5988	WEST LEBANON AVENUE TO SR 1454 (WEST HAGGARD AVENUE) IN ELON. CONSTRUCT SIDEWALK.	0.2	307	TA5200 L TA5200 L TA5200 L							PE PE	24 6	R	4	C C	218 54	
				DIV																	
		ALAMANCE	SR 1716 (GRAHAM-HOPEDALE ROAD)	EB-5882 DIV	SR 1720 (WEST HANOVER ROAD) TO NORTH MEBANE STREET IN BURLINGTON. CONSTRUCT SIDEWALK.	0.6	137	TA5200 L TA5200 L	R		C 95 C 24										

Friday, December 4, 2020



#### NON-HIGHWAY PROGRAM

								N	ON-HIGH	IWAY PRO	OGRAM						
DIVISIC	N	7					TOTAL			074753			K / ESTIMATED C	COST IN THOUS	SANDS	/ PROJ	-
COMMI / NO	N			ID			PROJ COST	COST				ION IMPROVEME					
				NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (	THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025		FY	2026
		ALAMANCE	SPORTATION PROJECT ALAMANACE COUNT TRANSPORTATION		ADMINISTRATION		4882	3458 <u>5311</u> L	AD 89 AD 53 AD 214	AD 89 AD 53 AD 214	AD 89 AD 53 AD 214	AD 89 AD 53 AD 214					
				PT				3	AU 214	AD 214	AD 214	AD 214					
								FUNDS AL	JTHORIZED IN P	ROGRESS							
		ALAMANCE	ALAMANACE COUNT TRANSPORTATION	Y TO-5214 PT	OPERATING FOR ALAMANCE COUNTY TRANSPORTATION IN THE BURLINGTON URBAN AREA - THROUGH NCDOT		10060	2247 <u>5307</u> L	0 284 0 284	O 660 O 330	O 670 O 335	0 680 0 340	O 690 O 345	O 700 O 350			710 355
								FUNDS AU	JTHORIZED IN P	ROGRESS							
$\checkmark$		ALAMANCE	BURLINGTON	TA-6733 PT	CAPITAL FOR FIXED ROUTE VEHICLE REPLACEMENT		1235		CP 1029 CP 206								
										O STIP FOR FFY201	19. NEW PROJEC	DEVELOPED FOR	FEDERAL FUNDING	AWARD. PROJE	CT ADD	ED AT R	EQUEST OF
✓		ALAMANCE	BURLINGTON	TD-6322	CAPITAL FOR PEDESTRIAN IMPROVEMENTS FOR FIXED ROUTR SERVICES		60		CP 50 CP 10								
								ADD PRO	JECT TD-6322 T	O STIP FOR FFY201	19. NEW PROJEC	DEVELOPED FOR	FEDERAL FUNDING	AWARD. PROJE	CT ADD	ED AT R	EQUEST OF
$\checkmark$		ALAMANCE	BURLINGTON		ADA SERVICES		211	5307 L	0 169 0 42								
				PT													
<b>~</b>		ALAMANCE	BURLINGTON	TO-6170 PT	OPERATING ASSISTANCE TO MAINTAIN CURRENT LEVEL OF SERVICE IN ADDITION TO SERVICE EXPANSION FOR WEEKEND		3394	ADD PRO. 5307 L	O 1697 O 1697		019. NEW PROJE		R FEDERAL FUNDIN	IG AWARD. PROJ			REQUEST O
					SERVICE.												
~		ALAMANCE	BURLINGTON	TP-5161	PLANNING FOR PLANNING FOR FIXED		5	ADD PRO	JECT TO-6170 T	O STIP FOR FFY20	19. NEW PROJEC	T DEVELOPED FOR	FEDERAL FUNDING	AWARD. PROJE	CT ADD	ED AT R	EQUEST OF
				PT	ROUTE SERVICE EXPANSION			L	PL 1								
_								ADD PRO	JECT TP-5161 T	O STIP FOR FFY201	9. NEW PROJEC	DEVELOPED FOR	FEDERAL FUNDING	AWARD. PROJE	CT ADD	ED AT R	EQUEST OF
$\checkmark$		ALAMANCE	BURLINGTON	TP-5162	PLANNING FOR PLANNING FACILITY FEASIBILITY STUDY		95	5307 L	PL 76 PL 19								
				PT													
		ALAMANCE	PIEDMONT	TG-6137B	ROUTINE CAPITAL, PASSENGER AMENITIES,		1000		JECT TP-5162 TO CP 100	CP 100	9. NEW PROJEC	CP 100	FEDERAL FUNDING	AWARD. PROJE	CT ADD	ED AT R	EQUEST OF
			AUTHORITY FOR REGIONAL TRANS.	РТ	PARTS, EQUIPMENT, PREVENTIVE MAINTENANCE, AND CAPITAL COST OF CONTRACTING.			L	CP 25	CP 25	CP 25	CP 25	CP 25	CP 25			
		ALAMANCE GUILFORD	PIEDMONT AUTHORITY FOR REGIONAL TRANS.	TO-5136	OPERATING ASSISTANCE		11817	8549 SMAP	0 817	0 817	0 817	0 817					
				PT													
	_								JTHORIZED IN P					<u> </u>	_		
		ALAMANCE	PIEDMONT AUTHORITY FOR	TO-5134	OPERATING		6606	2800 <u>5307</u> L	O 250 O 250	O 305 O 305	0 421 0 421	0 427 0 427	O 250 O 250	O 250 O 250			
			REGIONAL TRANS.	РТ		Pending FH	WA Approval										
								FUNDS AU	JTHORIZED IN P	ROGRESS							
		DIV - Divisio HF - State D			ot Category onal Category						Р	age 23 of 38					CO: SIGNIFI
		SW - Statewi	de Category TRI	N - Transi	tion Project												

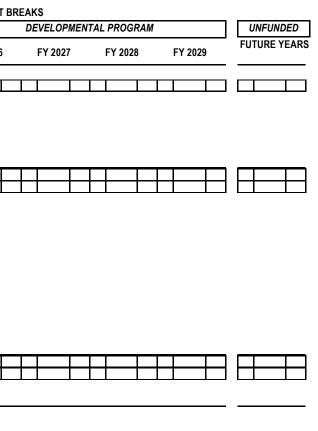
Friday, December 4, 2020

REAK									
DE	VELOPI	MENT	TAL	PROG	RAM				UNFUNDED
	FY 2027			FY 2028	3		FY 202	9	FUTURE YEARS
тт		<u> </u>							
0	720								
0	360								
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OF BO	GMPO.								
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TOF	BGMPO.								
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OF BO	GMPO.								
ТТ		1							

#### NON-HIGHWAY PROGRAM

								N	ION-HIC	SHWAY	PRC	GRA	M										
DIVISIO	N	7					TOTAL												r in th	OUSAN	DS / PF	ROJECTI	BI
COMMIT				ID			PROJ COST	YEARS		S	TATE T	RANSPC	ORTATIO	ON IMPRO	OVEMEN	IT PR	OGRAM	1					
/ NOM	N	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	5 FY 202	0 F)	2021	FY	2022	FY	2023		FY 2024	4	FY 20	25	F	FY 2026	_
		PUBLIC TRANS ALAMANCE FORSYTH GUILFORD	PORTATION PROJECT PIEDMONT AUTHORITY FOR REGIONAL TRANS.	_	SAFETY & SECURITY - MIN. 1% SET ASIDE		39	31 5307	CP 2	2 CP	2	CP	2	CP	2							<u> </u>	
		ALAMANCE CABARRUS CUMBERLAND DAVIDSON GUILFORD HARNETT HOKE IREDELL MECKLENBURG ORANGE	STATEWIDE	TG-6187	URBANIZED FORMULA PROGRAM FUNDS MANAGED BY NCDOT FOR ORANGE, ALAMANCE, DAVIDSON, GUILFORD, CABARRUS, IREDELL, HOKE, CUMBERLAND, HARNETT, UNION, MECKLENBURG TRANSPORTATION SYSTEMS – CAPITAL PROGRAM		3751	FUNDS A	UTHORIZED I CP 600 CP 150	) CP	650 163	CP CP	700 175							Ŧ	H	<u> </u>	
		UNION		PT																			
		ALAMANCE	ALAMANACE COUNTY TRANSPORTATION	TG-6811B	FUNDING FOR PREVENTIVE MAINTENANCE.		46	FED L	CP 3 CP 9												$\square$		
		PASSENGER R																					_
		ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE ROWAN WAKE	VARIOUS	P-4405	PRIVATE CROSSING SAFETY INITIATIVE TO CLOSE OR ENHANCE PROTECTION AT RAILROAD CROSSINGS BETWEEN RALEIGH AND CHARLOTTE.		10291	10291															
				TRN																			
								IN PROG	DF00														
		ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	RC-2007	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES IN DIVISION 7.			IN FROG	KE33														
		Kooninonam		DIV																			
		ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	RX-2007	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 7.			PROGRA	MMED FOR P	RELIMINARY	ENGINEE	KING ONI	<u>Y. INDIVI</u>	IDUAL PR	UJECTS /	AND FL	JNDING 1	IO BE RI	LQUEST	ed in Th	ie f <u>utu</u>	RE AS NE	EC
				DIV																			
								PROGRA	MMED FOR P	RELIMINARY	ENGINEE	RING ONI	_y. Indivi	IDUAL PR	OJECTS A	AND FL	JNDING 1	TO BE RI	EQUEST	ed in th	e futu	IRE AS NE	Eſ
																							-

Friday, December 4, 2020



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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

#### NON-HIGHWAY PROGRAM

	_						ON-HIGH							
DIVISION COMMITED	7					PRIOR YEARS	<b></b>	STAT	E TRANSPORTATION			DST IN THOUSANDS	S/PROJECT BR	D
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION LENG	COST	COST ) (THOU) FUNDS	FY 2020	FY 202	21 FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
	PASSENGER R. ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	AIL PROJECTS VARIOUS	Y-5807	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES IN DIVISION 7.		<u> </u>								
			DIV											
						INDIVIDUA	AL PROJECTS AND	D FUNDING T	O BE REQUESTED IN TH	E FUTURE AS NEE	DED.			
	ALAMANCE CASWELL GUILFORD ORANGE ROCKINGHAM	VARIOUS	Z-5807	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 7.										
			DIV											
						INDIVIDUA	AL PROJECTS AND	D FUNDING T	O BE REQUESTED IN TH	E FUTURE AS NEE	DED.			
	ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE RANDOLPH ROWAN WAKE	NCRR	P-5719	PURCHASE AND REFURBISH RAIL CARS FOR PIEDMONT SERVICE EXPANSION.	4527	7 45277								
						COMMITED / NO	DN 🖌 📄 EX DN 🖌 📄 EX DN 🖌 📄 REG	B AC	QUIRE AND REBUILD 2 A QUIRE AND REFURBISH ; QUIRE AND REFURBISH ;	2 COACH AND 1 LO	OUNGE/BAGGAGE		RESS	
	ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE RANDOLPH ROWAN	PIEDMONT CORRIDOR	P-2918	TRAIN 74 / 75 OPERATIONS BETWEEN CHARLOTTE AND RALEIGH, EQUIPMENT AND CAPITAL YARD MAINTENANCE FACILITY.	17442;	2 174422								
	WAKE		EX			COMMITED / NO COMMITED / NO COMMITED / NO COMMITED / NO COMMITED / NO COMMITED / NO COMMITED / NO		B PU C EQ D EQ E PA F CR G PU H CA	UIPMENT REBUILD - 2 F5 RCHASE 2 USED LOCOM UIPMENT REHABILITATIO UIPMENT REHABILITATIO SSENGER TRAIN SECUR ISP CHARLOTTE MAINTE RCHASE 4 USED PASSEN PITAL YARD PHASE 1 IMI UIP 9 STATIONS AND PLA	OTIVES - COMPLE DN - 3 LOCOMOTIV DN - 3 PASSENGEN ITY SYSTEM, CCTV NANCE FACILITY NGER CARS AND F PROVEMENTS - EX	ETE ES - IN PROGRESS CARS - COMPLET / DATA NETWORK TRACK EXTENSIO REHABILITATE 7 PA (TEND TRACKS 1 A	S TE AND GENERATORS - 1 In AND SHOP BUILDIN ISSENGER CARS - 1N IND 2, MAJOR WORK T	G - IN PROGRESS PROGRESS	
	ALAMANCE	PIEDMONT CORRIDOR		GRAHAM TO HAW RIVER. SIDING AND CURVE REALIGNMENT.	1160	5 11605								
			TRN											

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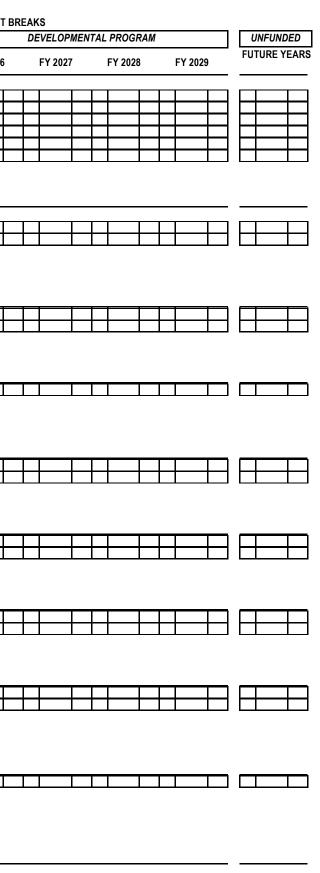
REAKS											
DEVELOPMEN	DEVELOPMENTAL PROGRAM										
FY 2027	FY 2028	FY 2029	FUTURE YEARS								

PROGRESS

#### NON-HIGHWAY PROGRAM

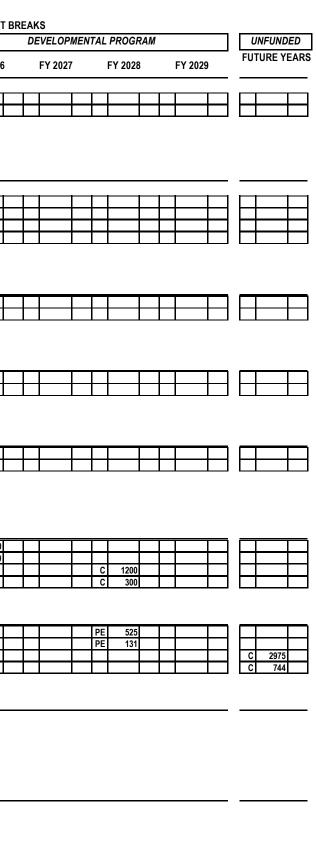
								N	ON-HIGH	IWAY PR	COGRAM						
DIVISIO	N 7						TOTAL							/ ESTIMATED	COST IN T	HOUSAND	S / PROJECT
COMMIT				ID				YEARS COST		STATE	TRANSPORTA	TION IMPR	OVEMEN	T PROGRAM			
/ NON	co	OUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2020	FY 2021	FY 2022	? F	Y 2023	FY 2024	FY	2025	FY 2026
	PU	IBLIC TRAI	NSPORTATION PROJEC	TS													
	CAS	SWELL	CASWELL COUNTY	TK-6116	ADMINISTRATION		1568	1120 <u>5311</u> 5311	O 89	AD 89	AD 89	AD	89				
								L		AD 09	AD 09	AD	09				
								L	AD 17 0 6	AD 17	AD 17	AD	17				
								5 S	06	AD 6	AD 6	AD	6				
				PT													<u> </u>
									THORIZED IN F	POCPESS							
	AV	IATION PR	OJECTS					T ONDO AG		ROOREOD							
	GU	ILFORD	PIEDMONT TRIAD	AV-5800	TAXIWAY J EXTENSION, TAXIWAY D TO		6000					C	500			$\square$	
			INTERNATIONAL AIRPORT		TAXIWAY J2.			0				C	5500				
			(GSO)														
			ζ, γ	sw													
	_																
	GU	ILFORD	PIEDMONT TRIAD	AV-5701	RUNWAY 5R-23L EXTENSION PROGRAM		20000	0 T		C 19500 C 500							
			AIRPORT (GSO)							0 000				1 1 1			
				sw													
	GU	ILFORD	PIEDMONT TRIAD	AV-5715	RUNWAY 5R-23L GROUP VI UPGRADE.		10000	Т						C 500			
			INTERNATIONAL AIRPORT (GSO)														
			AIRPORT (GSO)	sw													
	GU	ILFORD	PIEDMONT TRIAD	AV-5718	HIGH SPEED TAXIWAY TO RUNWAY 5R-23L.		3000	0		C 2500							
			INTERNATIONAL					Т		C 500							
			AIRPORT (GSO)	sw													
				011													
✓	GU	ILFORD	PIEDMONT TRIAD	AV-5803	TAXIWAY F. CONSTRUCT TAXIWAY		27000	Т						C 500			
			INTERNATIONAL		INCLUDING BRIDGE OVER TED JOHNSON			0						C 26500			
			AIRPORT (GSO)		PARKWAY.												
				SW													
		ILFORD	PIEDMONT TRIAD	AV 5902	CONSTRUCT NORTHWEST APRON TO		10000	т				C	500	<u> </u>			I
		ILFORD	INTERNATIONAL	AV-5802	INCREASE CAPACITY FOR FUTURE		10000	0				C C	9500				
			AIRPORT (GSO)		EXPANSION.												
				SW													
															1	i	
	_ GU	ILFORD	PIEDMONT TRIAD	AV-5711	SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM (SMGCS) UPDATE.		8000	T 0			C 500 C 7500						
			AIRPORT (GSO)										•				
			. ,	SW													
										IEDMONT TRIAD	AIRPORT AUTHO	RITY		<del></del>		<b></b>	·
	GU	ILFORD	PIEDMONT TRIAD	AV-5708	CONSTRUCT TAXIWAY OVER FUTURE I-73 EAST OF SR 2085 (BRYAN BOULEVARD).		1025	525 T	C 500								
			AIRPORT (GSO)														
				SW													
											ORT AUTHORITY						

Friday, December 4, 2020



#### NON-HIGHWAY PROGRAM

								Ν	ION-HIGI	HWAY P	ROGRA								
DIVIS		7						PRIOR YEARS		STA.	TE TRANSPO				MATED CO	DST IN T	HOUSAN	DS / PR	OJECT E
	Mited Non			ID			COST	COST		-		-	-	-	-				
		COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU) FUNDS	5 FY 2020	FY 20	21 FY	2022	FY 202	3 F	Y 2024	FY	2025	F	Y 2026
		AVIATION PRO GUILFORD	<u>DJECTS</u> PIEDMONT TRIAD INTERNATIONAL AIRPORT (GSO)	AV-5707	CONSTRUCT TAXIWAY G.		15900	0 T		C 1540 C 50								H	
				SW															
								IN PROG	RESS BY PIEDM	IONT TRIAD AIR	PORT AUTHOR	ITY							
			PEDESTRIAN PROJECT							i -1									
		GUILFORD	US 220 (WENDOVER AVENUE)	EB-5883 ) DIV	GRECADE STREET TO SR 1001 (NORTH CHURCH STREET) AND SR 2526 (SUMMIT AVENUE) TO US 29 (NORTH O'HENRY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS.	1.7 Dending EH	3450 IWA Approva	330 TAANY L TAANY L		R 35	39	2139 535							
				DIV		renuing rh	ινιΑ Αρριονά	1											
								IN PROG	RESS										
		GUILFORD	NC 68 (EASTCHESTER DRIVE)	EB-5874	JOHNSON STREET TO SR 1278 (NORTH COLLEGE DRIVE) IN HIGH POINT. CONSTRUCT SIDEWALK.	0.7	142	TA5200 L			C C	114 28							
				DIV															
✓		GUILFORD	SR 1278 (SOUTH COLLEGE DRIVE)	EB-5873	SR 1300 (EAST GREEN DRIVE) TO SR 1113 (EAST KIVETT DRIVE) IN HIGH POINT. CONSTRUCT SIDEWALK.	0.6	129	TA5200 L	C 103 C 26										
				DIV															
		GUILFORD	SR 1486	EB-5889	EXISTING SIDEWALK ON SR 1486 (WEST	0.7	500	TA5200			<u> </u>		C 400				— <b>—</b> ——————————————————————————————————		
		GUILFORD	(WEST MAIN STREET); SR 1539 (PENNY ROAD)		MAIN STREET) TO PARK ACCESS ON SR 1539 (PENNY ROAD) IN JAMESTOWN. CONSTRUCT SIDEWALK WITH CURB AND GUTTER.		500	L					C 100						
	✓	GUILFORD	SR 1536 (PENNY ROAD)	EB-6000	CITY LAKE PARK TO PIEDMONT ENVIRONMENTAL CENTER IN HIGH POINT. CONSTRUCT MULTIUSE PATH.	0.1	1650	TA5200 L TA5200										PE PE	120 30
				DIV				L	<u> </u>		_111	11			I				I
			00.0500	<b>FR 0000</b>			4075	TAANIX	<del></del>		<del></del>								
		GUILFORD	SR 2526 (SUMMIT AVENUE)	EB-6009	SULLIVAN STREET TO FOURTH STREET IN GREENSBORO. CONSTRUCT BICYCLE, PEDESTRIAN AND SAFETY IMPROVEMENTS.	0.5	4375	TAANY L TAANY L											
				DIV															
		GUILFORD	NEW PEDESTRIAN BRIDGE	EB-5517	EXISTING SIDEWALK TO PIEDMONT ENVIRONMENTAL CENTER ENTRANCE IN HIGH POINT AND JAMESTOWN. CONSTRUCT		1200	1200											
			AND APPROACHES	TRN	PEDESTRIAN BRIDGE OVER EAST FORK OF DEEP RIVER.														
			VADIOUS	EL 5404			20274		ONSTRUCTION	BY TOWN OF J	AMESTOWN								
		GUILFORD	VARIOUS	EL-5101 DIV	PEDESTRIAN AND BICYCLE PROJECTS IN THE GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION (GUAMPO).		32374	32374											
								PLANNIN	IG, DESIGN, RIG	HT-OF-WAY AN	D CONSTRUCT	ION BY OTH	IERS - IN PR	OGRESS					
			ollars (Non STI) RE	G - Regio	pt Category onal Category							Page	27 of 38						SIG
		SW - Statew	de Category TRN	i - Transi	tion Project														



#### **NON-HIGHWAY PROGRAM**

DIVISION COMMITED	7					TOTAL PROJ	PRIOR YEARS		STATE TR	ANSPORTATIO		ORK / ESTIM MENT PROGI		OST IN TH	OUSAND	S / PRO	)JECT BR	.Е/
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST		FY 2020	FY 2021	FY 2022	FY 202	3 FY	2024	FY 20	25	F۱	Y 2026	
	BICYCLE A GUILFORD	<u>ND PEDESTRIAN PROJEC</u> VARIOUS	r <u>s</u> U-5532 DIV	GREENSBORO URBAN AREA MPO: BICYCLE, PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-ELIGIBLE PROJECTS		9420	2843 BGDA L BGANY TAANY TADA L		C         4000           C         1000           C         500           C         512           C         250           C         315									
	GUILFORD	SR 4121 (EAST MAIN STREET)	EB-5519 TRN	EXISTING SIDEWALK NEAR JAMESTOWN MUNICIPAL BUILDING TO YORKLEIGH LANE NEAR GUILFORD TECHNICAL COMMUNITY COLLEGE JAMESTOWN CAMPUS/RAGSDALE HIGH SCHOOL COMPLEX IN JAMESTOWN. CONSTRUCT SIDEWALK.		1062	IN PROGRE 1062	<u>ss</u>										
	GUILFORD	SR 1001 (NORTH CHURCH STREET)	EB-5996 DIV	HENRY STREET / ELECTRA DRIVE TO LEES CHAPEL ROAD IN GREENSBORO. CONSTRUCT SIDEWALK.	1.2	483	UNDER CO TAANY L TAANY L		BY TOWN OF JAMES							PE PE	39 10	
	GUILFORD	SR 1541 (WEST WENDOVER AVENUE)	EB-6010 DIV	NC 68 (EASTCHESTER DRIVE) TO GIBSON PARK ENTRANCE IN HIGH POINT. CONSTRUCT SIDEWALK.	1.1	220	TA5200 L											Ŧ
	GUILFORD	BENJAMIN PARKWAY WESTOVER TERRACE		BENJAMIN PARKWAY FROM ELAM AVENUE TO BATTLEGROUND AVENUE, AND WESTOVER TERRACE FROM BENJAMIN PARWAY TO SEMINOLE DRIVE IN GREENSBORO. CONSTRUCT SIDEWALK ON BENJAMIN PARKWAY FROM ALM AVENUE TO AYCOCK STREET, CONSTRUCT SIDEPATH ON BENJAMIN PARKWAY FROM AYC	1	1270	COORDINA TAANY L TAANY L	TE WITH U-61:		R 56 R 14			960 240					
	GUILFORD	CEDROW DRIVE	EB-5989 DIV	WEST OF 1-74 TO EAST OF 1-74 IN HIGH POINT. CONSTRUCT MULTIUSE FACILITY ACROSS 1-74.	0.1	1370	TA5200 L TA5200 L TA5200 L					PE PE PE	96 24		40	C C	960 240	
	GUILFORD	CONE BOULEVARD	EB-5985 DIV	US 29 (O'HENRY BOULEVARD) TO ST. REGIS ROAD IN GREENSBORO. CONSTRUCT SIDEWALK.	3.1	699	TAANY L TAANY L		R 62 R 16	C 497 C 124								
<b>v</b>	GUILFORD	NC 68 (EASTCHESTER DRIVE)	EB-5922 DIV	CENTENNIAL STREET TO LASSITER DRIVE IN HIGH POINT. CONSTRUCT SIDEWALK.	0.4	135	TA5200 L								08 27	Ħ	<u> </u>	Ŧ

Friday, December 4, 2020

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#### **NON-HIGHWAY PROGRAM**

	-						IWAY PRO									
	7				TOTAL PRIOR PROJ YEARS		STATE TI	RANSPORTATIO		( / ESTIMATED CO	STIN THOUSAND	S/PROJECT Br		NTAL PROGRAM	'	UNFUNDED
OMMITED / NON	COUNTY	ID ROUTE/CITY NUMB		LENGTH	COST COST (THOU) (THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FUTURE YEARS
		D PEDESTRIAN PROJECTS	ER LOCATION / DESCRIPTION	LENGTH		FT 2020	FT 2021	F1 2022	FT 2023	F1 2024	FT ZUZJ	FT 2020	F1 2027	F1 2020	FT 2029	
	GUILFORD	HOLDEN ROAD; EB-57 EAST LINDSAY STREET DIV	16 HOLDEN ROAD, SOUTH OF MEADOWVIEW ROAD TO SPRING GARDEN ROAD IN GREENSBORO. CONSTRUCT SIDEWALK ON WEST SIDE. EAST LINDSAY STREET, MURROW BOULEVARD TO BESSEMER AVENUE IN GREENSBORO. CONSTRUCT SIDEWALK ON NORTH SIDE.	1.8	530 530											
						NSTRUCTION										
	GUILFORD	FARMINGTON DRIVE EB-58	77 HOLDEN ROAD TO SR 4121 (WEST GATE CI BOULEVARD) IN GREENSBORO. CONSTRUC SIDEWLAKS.		446 86 TAANY L TAANY L		R         48           R         12           C         240           C         60									
	GUILFORD	GREEN VALLEY ROAD EB-59	97 FRIENDLY AVENUE TO WESTOVER TERRAC IN GREENSBORO. CONSTRUCT SIDEWALKS		403 TAANY L TAANY L				R 36 R 9		C 286 C 72					
	GUILFORD	LATHAM PARK EB-55 GREENWAY TRN	18 BATTLEGROUND AVENUE TO MENDENHALI STREET IN GREENSBORO. REMOVE THROUGH LANE ON HILL STREET AND CONSTRUCT MULTIUSE PATH.	L 0.7	562 562											
					UNDER CO	NSTRUCTION B	Y CITY OF GREENS	BORO								
	GUILFORD	SUMMERFIELD SOUTH EB-59 GREENWAY DIV	00 US 220 TO CENTERFIELD ROAD IN SUMMERFIELD. CONSTRUCT MULTIUSE PATH.	2.6	4286 TAANY L TAANY L			R 312 R 78		C 3117 C 779						
	GUILFORD	HIGH POINT EB-59 RAILROAD ESPLANADE DIV	90 LIINDSAY STREET TO CENTENNIAL STREET IN HIGH POINT. CONSTRUCT GREENWAY.	- 1	8800 TA5200 L TA5200 L									PE         640           PE         160		C 6400 C 1600
	GUILFORD	HOLDEN ROAD EB-58 DIV	76 SR 4121 (WEST GATE CITY BOULEVARD) TO NORTH OF SR 4121 (WEST GATE CITY BOULEVARD) IN GREENSBORO. CONSTRUCT SIDEWALKS.	) 0.2	393 393											
						_	Y CITY OF GREENS	BORO					<del> </del>	<u> </u>	<del></del>	
	GUILFORD	BRIDFORD PARKWAY; EB-59 HORNADAY ROAD DIV	93 BRIDFORD PARKWAY FROM SR 1541 (WEST WENDOVER AVENUE) TO HORNADAY ROAD AND HORNADAY ROAD FROM WEST OF NICHOLAS ROAD TO BRIDFORD PARKWAY GREENSBORO. CONSTRUCT SIDEWALKS.	)	390 TAANY L	C 312 C 78										
	GUILFORD	JOHNSON STREET EB-59 DIV	99 PARRIS AVENUE TO SR 1896 (EAST HARTLE DRIVE) IN HIGH POINT. CONSTRUCT SIDEWALK.	EY 0.5	145 TA5200 L									C 116 C 29		
	GUILFORD	LAWNDALE DRIVE EB-59	95 PISGAH CHURCH ROAD TO LAKE BRANDT ROAD IN GREENSBORO. CONSTRUCT SIDEWALK.	2.5	429 TAANY L TAANY L				R 38 R 10		C 305 C 76					
		DIV														

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

Friday, December 4, 2020

NON-HIGHWAY PROGRAM

								N	ON-HIGH	HWAY PRO							
DIVISIO		7					TOTAL PROJ					TYPE OF WORK		COST IN THOUSA	NDS / PRO	OJECT BI	۶E
COMM / NC	DN	0000		ID			COST	COST	<b></b>								_
		COUNTY		NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU) (	THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	F\	Y 2026	_
		BICYCLE ANI GUILFORD	D PEDESTRIAN PROJECT LOVETT STREET		SR 1398 (FREEMAN MILL ROAD) TO FLORIDA STREET IN GREENSBORO. CONSTRUCT SIDEWALKS ON WEST SIDE AND ON EAST SIDE FROM EXISTING SIDEWALK TO FLORIDA STREET.	0.6	370	370									
		GUILFORD	OLD BATTLEGROUND ROAD	EB-5987 DIV	LAKE BRANDT ROAD TO BICENTENNIAL GREENWAY IN GREENSBORO. CONSTRUCT MULTIUSE PATH.	0.6	986	TAANY L TAANY L				PE         79           PE         20		C 710 C 177			Ŧ
		GUILFORD	WEST MEADOWVIEW ROAD	EB-5878 DIV	SR 1007 (RANDLEMAN ROAD) TO SOUTH ELM- EUGENE STREET IN GREENSBORO. CONSTRUCT SIDEWALKS.	0.5	328	18 TAANY L TAANY L		R         41           R         10           C         207           C         52							
		GUILFORD	SPRING GARDEN STREET	EB-5992 DIV	SR 1008 (WEST MARKET STREET) TO POMONA DRIVE AND MERRITT DRIVE TO HOLDEN ROAD IN GREENSBORO. CONSTRUCT SIDEWALK.	0.9	350	TAANY L TAANY L							PE	28 7	Ŧ
		PUBLIC TRAN	SPORTATION PROJECTS	<u>3</u>													_
		GUILFORD	VARIOUS	TA-4771 PT	GREENSBORO, CLEAN DIESEL REPLACEMENT BUSES		2080	5307 L	CP 1768 CP 312								Ŧ
		GUILFORD	VARIOUS	TG-4759 PT	PREVENTIVE MAINTENANCE		12081	5307 L	CP 1090 CP 272	CP 2858 CP 715	CP 2858 CP 715	CP 2858 CP 715					Ŧ
		GUILFORD	GREENSBORO TRANSIT AUTHORITY	TA-6714 EX	ELECTRIC VEHICLE AND CHARGING INFRASTRUCTURE		1540	5339 L CMAQ L O	CP 578 CP 102	CP 191 CP 167 CP 502							Ŧ
								"O" FUNDS	S REFLECT PR	OCEEDS FROM VOLK	SWAGEN SETTL	EMENT					
		GUILFORD	GREENSBORO TRANSIT AUTHORITY	TG-4753 PT	PREVENITVE MAINTENANCE AND PASSENGER AMENITIES		945	315 5307 L	CP 84 CP 21	CP 84 CP 21	CP 84 CP 21	CP 84 CP 21	CP 84 CP 21	CP 84 CP 21	] []		Ŧ
									THORIZED IN F								_
		GUILFORD	GREENSBORO TRANSIT AUTHORITY	TQ-6783 PT	SECTION 5310 CAPITAL PROJECT		1044		CP 209 CP 52	CP 209 CP 52	CP 209 CP 52	CP 209 CP 52			┥┝┼╴		Ŧ
		GUILFORD	BURLINGTON/GIBSON VILLE FIXED ROUTE SYSTEM		OPERATING		4032	2016 5307 L	O 504 O 504	O 504 O 504					∃⊞		Ŧ

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



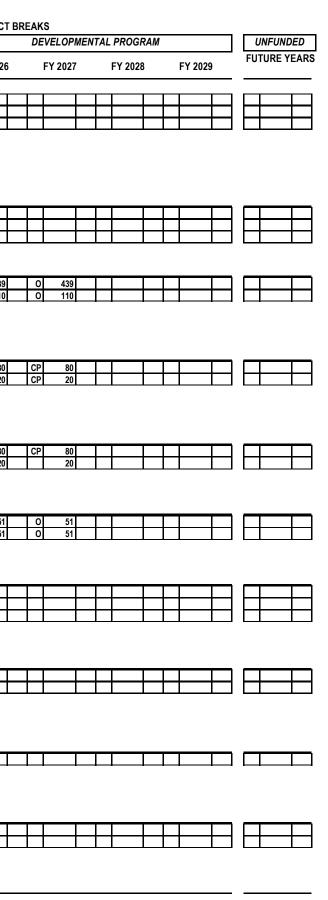
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	DEVELOPMEN	TAL PROGRAM		UNFUNDED
	FY 2027	FY 2028	FY 2029	FUTURE YEARS

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#### NON-HIGHWAY PROGRAM

VISION	7								IWAY PR	UGRAIN	TYPE		K / ESTIN			THOUSAN		
OMMITED	,					TOTAL PROJ	PRIOR YEARS		STATE	TRANSPORTA					001 111	HOUDAN	1	
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST		FY 2020	FY 2021	FY 2022		Y 2023		( 2024	FY	2025	J F	Y 20
	PUBLIC TRAN FORSYTH GUILFORD WATAUGA WILKES	ISPORTATION PROJEC COACH AMERICA	<u>CTS</u> TI-6103	INTERCITY BUS - GREENSBORO TO BOONE		12802	9282 5311 L S	O 360 O 161 O 359	0 360 0 161 0 359	0 360 0 359 0 161	0 0 0	360 161 359						
	YADKIN		PT															
							FUNDS A	UTHORIZED IN P	ROGRESS									
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TD-5279 PT	RENOVATION OF J. DOUGLAS GAYLON DEPOT		3724	1440 <u>5339 L</u> S	CP         1538           CP         373           CP         373										
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TG-4957 PT	OPERATING-ADA PARATRANSIT SERVICE		11099	6552 <u>5307</u> L	0 470 0 117	O 470 O 118	O 470 O 118	0	470 118	0	439 110	0	439 110	0	4
							FUNDS A	UTHORIZED IN P	ROGRESS									
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TG-5105 PT	ROUTINE CAPITAL		2432	1632 <u>5307</u> L	CP 80 CP 20	CP 80 CP 20	CP 80 CP 20		80 20	CP CP	80 20	CP CP	80 20	CP CP	1
							FUNDS A	UTHORIZED IN P	ROGRESS									
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TG-5185 PT	ROUTINE CAPITAL		1000	200 <u>5307</u> L	CP 80 20	CP 80 20	CP 80 20		80 20	CP	80 20	CP	80 20	СР	
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TO-6139 PT	SECTION 5310 OPERATING		1710	1054 <mark>5310 L</mark>	0 34 0 34	O 30 O 30	O 30 O 30	0	30 30	0	51 51	0	51 51	0	
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TO-4971 PT	OPERATING- FIXED ROUTE		24684	5307 L SMAP	0 1243 0 2979 0 1736	0 1243 0 3121 0 1878	0 1243 0 3121 0 1878	0 0 0	3121					] []	
								UTHORIZED; IN	PROGRESS									
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TP-5101	PLANNING ASSISTANCE-5303		636	5303 L	PL 141 PL 18	PL 141 PL 18	PL 141 PL 18		141 18			Ŧ		] []	_
			PT					UTHORIZED; IN F	DOCDESS									
	GUILFORD	GREENSBORO TRANSIT AUTHORITY	TQ-7000 PT	SECTION 5310 PROGRAM ADMINISTRATION		108		AD 27	AD 27	AD 27	AD	27					1 🗖	
	GUILFORD	GREENSBORO TRANSIT	TS-4758	SAFETY & SECURITY		236	5307	CP 47 CP 12	CP 47 CP 12	CP 47 CP 12		47 12	$\overline{++}$	_	ŦŦ	—	1 🗖	
		AUTHORITY	PT				<u>-</u>		<u>, . ,</u> .2	<u> </u>				1	<u> </u>		, <u>i i</u>	
	DIV - Divisio	on Category E Dollars (Non STI) F	X - Exem REG - Regio	pt Category							Page 31							

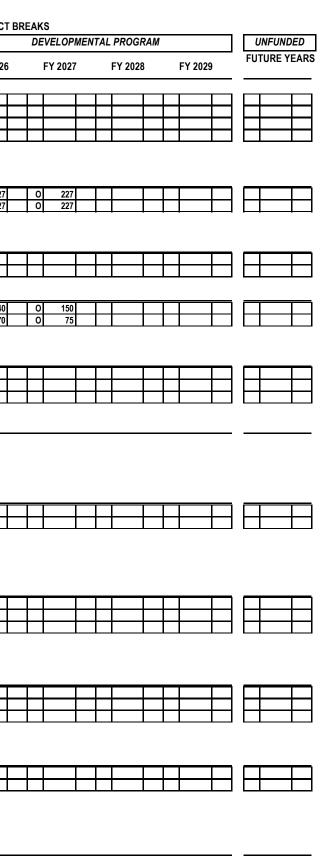
Friday, December 4, 2020



#### **NON-HIGHWAY PROGRAM**

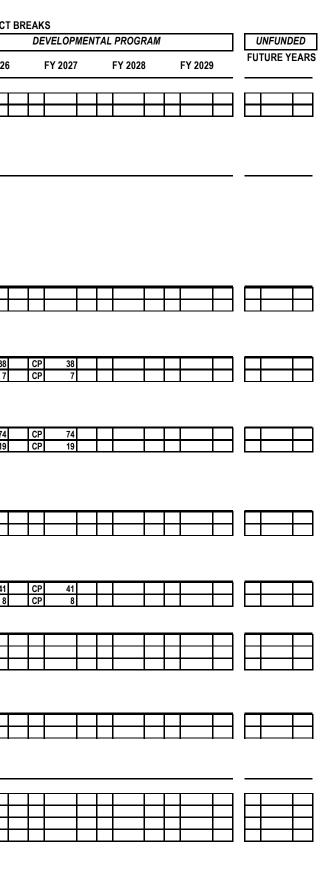
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DIVISIO	DN	7					TOTAL							(/ESTIMATE		N THOUSA	NDS / PRO	OJECT B
COMMI				ID				YEARS COST		STATE	TRANSPORTAT	ION IMPF	ROVEMEI	IT PROGRAM				
/ NO	N	COUNTY	ROUTE/CITY	NUMBER	LOCATION / DESCRIPTION	LENGTH		(THOU) FUNDS	FY 2020	FY 2021	FY 2022	F	Y 2023	FY 2024	L F	Y 2025	FY	Y 2026
	_	PUBLIC TRA	ANSPORTATION PROJECT	<u>'S</u>				_										
		GUILFORD	GTA	TA-4767	REPLACEMENT PARATRANSIT BUSES		2219	5307	CP 150 CP 26								┥┝┷	
								5339	CP 20	CP 579	CP 579	CP	579				┥┝┼╴	
								L		CP 102	CP 102	CP	102					
				PT														
								FUNDING	ADDED TO FY 20,	FY 21, FY22, FY	23 AT THE REQU	ST OF GR	EENSBOR	О МРО				
		GUILFORD	GTA	TO-5209	OPERATING- FIXED ROUTE		5518		0 326	0 294	0 294	0	294	0 227	0	227	0	227
								L	0 326	0 294	0 294	0	294	0 227	0	227	0	227
				PT														
								FUNDS A	UTHORIZED IN PRO	OGRESS								
✓ [		GUILFORD	GTA	TT-5207	TRANSIT SAFETY INNOVATIONS		86	5312	0 34	0 22	0 12							
								L	09	06	0 3							
		GUILFORD	GUILFORD COUNTY	TO-5216	OPERATING FUNDING FOR GUILFORD		1505	175 5307	0 35	0 90	0 100	0	110	0 120		130	0	140
			TRANSPORTATION	PT	COUNTY THROUGH HIGH-POINT MPO			L	O 35	0 45	O 50	0	55	O 60	0	65	0	70
				FI														
									UTHORIZED IN PRO	OGRESS						-		
		GUILFORD	HIGH POINT TRANSIT	TA-6729	PURCHASE REPLACEMENT BUSES		1000	500 <u>5307</u> CMAQ			CP 400						┥┝┾	
			SYSTEM / HI-TRAN					L			CP 100							
				PT														
		GUILFORD	HIGH POINT TRANSIT SYSTEM / HI-TRAN	TD-5283	BUILDING / FACILITY RENOVATION AND UPGRADE FOR PARATRANSIT		300	300										
			OTOTEM/ HIPTICAN	REG	ADMINISTRATION.													
								IN PROGE										
		DAVIDSON	HIGH POINT TRANSIT	TG-4814	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE		3006	2090 5307	CP 181 CP 48	CP 181 CP 48	CP 181 CP 48	CP	181 48				┥┝┾	
		GUILFORD RANDOLPH	SYSTEM / HI-TRAN		PARTS, ENGINES, FAREBOX, SERVICE								10					
				PT	VEHICLES, ETC (\$40K CAPITAL COST OF													
								FUNDS A	UTHORIZED IN PRO	OGRESS								
		DAVIDSON	HIGH POINT TRANSIT	TO-4790	OPERATING ASSISTANCE		42594	31078 5307	0 1202		0 1202	0						
		GUILFORD	SYSTEM / HI-TRAN					L SMAP	0 1202 0 475	0 1202 0 475	0 1202 0 475	0	1202 475				┥┝┾	
		RANDOLPH		DT				SWAP	0 4/5	0 4/5	0 4/5		4/3			I		
				PT														
								FUNDS A	UTHORIZED IN PRO	OGRESS								
		GUILFORD	HIGH POINT TRANSIT	TP-5104	PLANNING ASSISTANCE - 5303		616		CP 36	CP 36	CP 36	CP	36					
			SYSTEM / HI-TRAN				0.0	L	CP 4	CP 4	CP 4	CP	4					
				PT				S	CP 4	CP 4	CP 4	CP	4					
				FI														
								FUNDS A	UTHORIZED IN PRO	OGRESS								
		DAVIDSON	HIGH POINT TRANSIT	TS-5113	SAFETY & SECURITY - MIN. 1% SET ASIDE		220	156 5307	CP 14	CP 14	CP 14	CP	14					
		GUILFORD	SYSTEM / HI-TRAN					L	CP 2	CP 2	CP 2	CP	2					
		RANDOLPH		PT														
				FI														
								FUNDS A	UTHORIZED IN PRO	OGRESS								

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#### NON-HIGHWAY PROGRAM

ROUTE/CITY         TRANSPORTATION PROJECT         PIEDMONT         AUTHORITY         PH         FOR REGIONAL         TRANSPORTATION         PIEDMONT         AUTHORITY         FOR REGIONAL         TRANSPORTATION         PIEDMONT         AUTHORITY         FOR REGIONAL         TRANSPORTATION         PIEDMONT         AUTHORITY FOR         REGIONAL TRANS.	TA-6722 DIV TA-6679 REG	LOCATION / DESCRIPTION PURCHASE VEHICLES FOR VANPOOL FLEET EXPANSION. PURCHASE ONE EXPANSION 40-FT BUS. OPERATING ASSISTANCE	LENGTH	COST	YEARS COST (THOU) FUI T L	IDS F	Y 2020		TATE TR 2021 90 10		RTATIC 2022	ON IMPR		IT PROG			2025		FY 2026
TRANSPORTATION PROJECT         PIEDMONT         AUTHORITY         PH         FOR REGIONAL         TRANSPORTATION         PIEDMONT         AUTHORITY         FOR REGIONAL         TRANSPORTATION         PIEDMONT         AUTHORITY         FOR REGIONAL         TRANSPORTATION         (PART)         PIEDMONT         AUTHORITY FOR         REGIONAL TRANS.         PIEDMONT         AUTHORITY FOR         REGIONAL TRANS.	NUMBER S TA-6722 DIV TA-6679 REG TO-5134C PT	PURCHASE VEHICLES FOR VANPOOL FLEET EXPANSION. PURCHASE ONE EXPANSION 40-FT BUS.	LENGTH	COST (THOU)	COST (THOU) FUI T L		Y 2020	FY	2021 90							FY	2025	 	FY 2026
D PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION D PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION (PART) D PIEDMONT AUTHORITY FOR REGIONAL TRANS.	TA-6722 DIV TA-6679 REG TO-5134C PT	EXPANSION. PURCHASE ONE EXPANSION 40-FT BUS.		100	L													 3 E	
D PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION (PART) PIEDMONT AUTHORITY FOR REGIONAL TRANS.	TA-6679 REG TO-5134C PT				IN AG														
AUTHORITY FOR REGIONAL TRANSPORTATION (PART) PIEDMONT AUTHORITY FOR REGIONAL TRANS.	REG TO-5134C PT																		
D AUTHORITY FOR REGIONAL TRANS.	TO-5134C PT	OPERATING ASSISTANCE			ΙΝΑ														
D AUTHORITY FOR REGIONAL TRANS.	PT	OPERATING ASSISTANCE																	
D PIEDMONT AUTHORITY FOR				8500		QUISITION 0 0	500 500	0	500 500	0	500 500	0	500 500	0	500 500	0	500 500	<u>]</u> E	+
AUTHORITY FOR	TA-6690		Pending FHV	NA Approval	I														
REGIONAL IRANS.		REPLACEMENT VEHICLES		473	113 <u>5339</u> L	CP CP	38 7	CP CP	38 7	CP CP	38 7	CP CP	38 7	CP CP	38 7	CP CP	38 7	C	CP 38 CP 7
	РТ																		
D PIEDMONT AUTHORITY FOR REGIONAL TRANS.	TG-6185	ROUTINE CAPITAL		1212	261 <u>5307</u> L	CP CP	240 60	CP CP	74 19	CP CP	74 19	CP CP	74 19	CP CP	74 19	CP CP	74 19	C	CP 74 CP 19
	РТ																		
D PIEDMONT	TC 6172D			1520	FUNE 5307	S AUTHOR	IZED IN PR	OGRESS CP	500	СР	500	CP	500	<del></del>		<del></del>			<del></del>
AUTHORITY FOR REGIONAL TRANS.		ROUTINE CAPITAL, PREVENTIVE MAINTENANCE, SECURITY AND PESSENGER AMENITIES.		1539	L			CP	13	CP	13	CP	13					╡╘	
	PT		Pending FHV	wa Approvai	I														
D GUILFORD COUNTY TRANSPORTATION	TA-6689 PT	REPLACEMENT VEHICLES		499	107 <u>5339</u> L	CP CP	41 8	CP CP	41 8	CP CP	41 8	CP CP	41 8	CP CP	41 8	CP CP	41 8	C	CP 41 CP 8
D GUILFORD COUNTY TRANSPORTATION	TK-6132	ADMINISTRATION		3119	2211 <u>5311</u> L	AD AD	73 34	AD AD	73 34	AD AD	73 34	AD AD	73 34					] [	$\overline{++}$
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					REDU	ICING FUN	DS IN FY 20	, FY 21, F	Y 22, FY 2	3 AT THE	REQUE	ST OF GR	EENSBRO	O MPO					
T RAIL PROJECTS NORFOLK SOUTHERN	P-5700	CONSTRUCT GRADE SERARATION AT		1320/	Т	<u> </u>		R	625	R	1875	<u> </u>		<u> </u>	-				<del></del>
H LINE			)	13234	т Т О			U	230	U	689	C C	9500 375						
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ivision Category EX	G - Regio	onal Category									Pa	ge 33 o	f 38						SIG
	TRANSPORTATION	O GUILFORD COUNTY TO-5221     TRANSPORTATION     PT     I RAIL PROJECTS     NORFOLK SOUTHERN P-5709     H LINE     REG     REG     Vision Category EX - Exemplate Dollars (Non STI) REG - Region	O       GUILFORD COUNTY       TO-5221       OPERATING- RURAL TRANSIT         TRANSPORTATION       PT         F       PT         TRAIL PROJECTS       CONSTRUCT GRADE SEPARATION AT         H LINE       FRANKLIN BOULEVARD CROSSING (722959A)         IN GREENSBORO, AND CLOSE O'FERRELL       STREET CROSSING (722961B).         REG       REG	O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT         PT       PT         Interpretation       PT         Interp	O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210         PT       PT       PT       PT       13294         I       NORFOLK SOUTHERN H LINE       P-5709       CONSTRUCT GRADE SEPARATION AT FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B).       13294         Vision Category       EX       - Exempt Category REG       REG	FUNC         0       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       5307         PT       PT       PT       REDU         1       REDU       REDU       T         1       REDU       FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B).       13294       T         1       REG       "O" F         1       Vision Category       EX       - Exempt Category         vision Category       EX       - Exempt Category         ate Dollars (Non STI)       REG - Regional Category	FUNDS AUTHOR         O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       5307       O         PT       PT       REDUCING FUNI REDUCING FUNI IN AREPOJECTS         O       NORFOLK SOUTHERN H LINE       P-5709       CONSTRUCT GRADE SEPARATION AT FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B).       13294       T <td>FUNDS AUTHORIZED IN PR         O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       5307       0       0         PT       PT       REDUCING FUNDS IN FY 20         REDUCING FUNDS IN FY 20         T RAIL PROJECTS         NORFOLK SOUTHERN       P-5709       CONSTRUCT GRADE SEPARATION AT FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B).       13294    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AUTHORIZED IN PROGRESS         O       Guil-ford county       To-5221       OPERATING- RURAL TRANSIT       210       Si       O       0       0       35       1       10       10</td></td></td>	FUNDS AUTHORIZED IN PR         O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       5307       0       0         PT       PT       REDUCING FUNDS IN FY 20         REDUCING FUNDS IN FY 20         T RAIL PROJECTS         NORFOLK SOUTHERN       P-5709       CONSTRUCT GRADE SEPARATION AT FRANKLIN BOULEVARD CROSSING (722959A) IN GREENSBORO, AND CLOSE O'FERRELL STREET CROSSING (722961B).       13294       T<	FUNDS AUTHORIZED IN PROGRESS         0       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       5307       0<	FUNDS AUTHORIZED IN PROGRESS         O       GUILFORD COUNTY TRANSPORTATION       TO-5221       OPERATING- RURAL TRANSIT       210       S307       O       O       35         PT       PT       REDUCING 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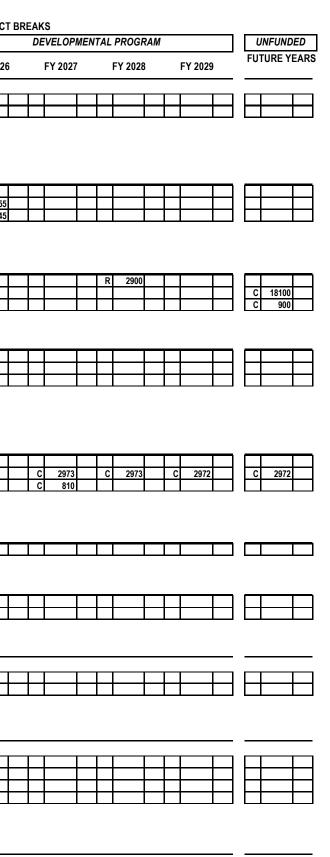
COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

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#### **NON-HIGHWAY PROGRAM**

								IN		HIGHW		RUC	RAN	/1										
DIVISIO	N	7					TOTAL	PRIOR							TYPE	OF WO	RK / E	STIMAT	ED CO	OST IN	THOUS	SAND	S / PRO	JECT
COMMIT				10				YEARS			STA	TE TRA	NSPOR	TATIOI	n imp	ROVEM	IENT P	ROGRA	М					
/ NON	N	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	COST (THOU) FUNDS	FY	2020	FY 20	21	FY 2	2022		FY 2023	}	FY 202	24	F	Y 2025		FY	2026
		FREIGHT RAIL GUILFORD	<u>PROJECTS</u> NORFOLK SOUTHERN MAINLINE	P-5700 DIV	NORFOLK SOUTHERN "ROUNDHOUSE" PROPERTY. CONSTRUCT PARKING LOT WITH SPACE FOR INTERNATIONAL CONTAINERS, INCLUDING SECURITY FENCE, POLE-MOUNTED LIGHTING, AND PAVED ENTRANCE.		1900	200 T O	C	850 850														<u></u>
								"OTHER"	FUNDS	REFLECT NO	ORFOLK S	OUTHER	RN CORP	ORATIO	N PAF	TICIPAT	ION						_	
		GUILFORD	NCRR NORFOLK SOUTHERN H LINE	P-5747 REG	SOUTH ENGLISH STREET IN GREENSBORO. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 722955X.		18700	1500 T T O												R	2300			4155 745
								"O" FUND	ING REF	LECTS PAR		ON BY NO	ORFOLK	SOUTHE	ERN C	ORPORA	TION							
	✓	GUILFORD	NCRR / NORFOLK SOUTHERN MAIN LINE	P-5752 DIV	HOSKINS STREET IN HIGH POINT. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 722351T.		21900	Т Т О																
		GUILFORD	NORTH CAROLINA RAILROAD (NCRR) / NORFOLK SOUTHERN RAILROAD	P-5713 SW	SR 1424 (HILLTOP ROAD) IN GREENSBORO. CONVERT AT-GRADE CROSSING TO GRADE SEPARATION.		6518	Т Т О			<u>R 9</u>	16		668 267	С	2667								
		GUILFORD	NORFOLK SOUTHERN MAIN LINE	P-5735 SW	SR 1584 (YANCEYVILLE STREET) IN GREENSBORO. CONSTRUCT GRADE SEPARATION AND CLOSE CROSSING 722542D.		17470	"O" FUND 1270 T T O												R	3500			$\exists$
								"O" FUND	ING REF	LECTS PAR		ON BY NO	ORFOLK	SOUTHE			)							
		GUILFORD	NCRR NORFOLK SOUTHERN	P-5714 REG	POMONA YARD. EXTEND AUXILIARY TRACK AND ADD POWER TURNOUTS.		3100	Т							C		_							
		GUILFORD	NORFOLK SOUTHERN	P-5721 SW	JAMESTOWN SIDING IN JAMESTOWN. CONSTRUCT EXTENSION.		4477	407 T O										C 10 C 203		С	1933			$\exists$
								"O" FUND	ING REF	LECTS PAR	TICIPATIO	ON BY NO	ORFOLK	SOUTHE	ERN C	ORPORA	TION							
		PASSENGER R GUILFORD	AIL PROJECTS LOWDERMILK STREET SYKES AVENUE	Y-4807B DIV	PINE STREET CROSSING CLOSURE AND LOWDERMILK STREET / SYKES AVENUE REALIGNMENT IN GREENSBORO.		4980	2430 <u>RR</u> O						450 100										∃
								"O" FUND	ING REF	LECTS FRE	IGHT RAII	AND RA	AIL CROS	SING SA	AFETY	IMPROV	EMENT	(FRRCSI	) FUND	S				
		BICYCLE AND ORANGE	PEDESTRIAN PROJECT US 15 / US 501	<u>S</u> EB-5998 DIV	WILLOW DRIVE TO SR 1741 / SR 1838 (OLD DURHAM-CHAPEL HILL ROAD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATHS.	1.2	2248	TAANY L TAANY L					PE PE	163 41				C 163 C 40						
								COORDIN		H []-5304														
								COURDIN		11 0-0304														

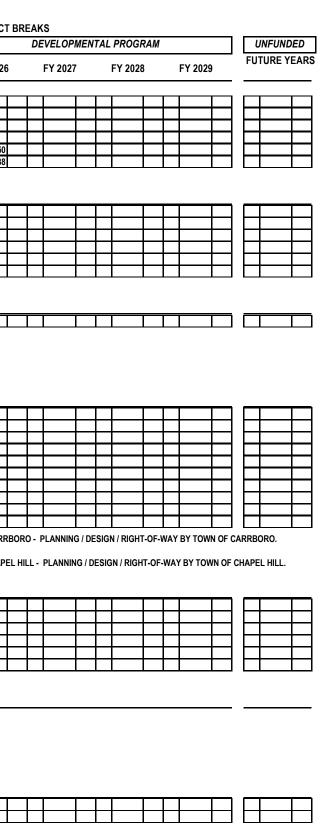
Friday, December 4, 2020



#### NON-HIGHWAY PROGRAM

									NC	JN-	HIG	HW	AY	PR	OGF	RAN													
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СОММІТ	ED						PROJ	YEARS					S	TATE	TRAN	SPOR	ΤΑΤΙΟ	N IM	PROVE	MEN	T PRO	OGRAN	Л						
/ NOI	N	COUNTY	ROUTE/CITY	id Number	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	(THOU) F	UNDS	F١	Y 2020		FY	2021		FY 2	)22		FY 20	23		FY 202	4	FY	2025		FY	2026	-
	_		ID PEDESTRIAN PROJECT							_						-1 -		-	1							_		<u> </u>	_
		ORANGE	NC 54	EB-5994	ANDERSON PARK TO JAMES STREET IN CARRBORO. CONSTRUCT MULTIUSE PATH	0.7	1469	TA	ANY				-	_	PI		90 48							_					-
					ON NORTH SIDE OF NC 54.			TA	ANY								40				R	34	1					-	•
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				DIV									1															230	
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		ORANGE	SR 1005 (JONES FERRY ROAD)	EB-5880	DAVIE ROAD TO SR 1010 (WEST MAIN STREET) IN CARRBORO. CONSTRUCT	0.5	561	14	ANY				-		PI		71 18	_		-								$\rightarrow$	-
			(JUNES FERRI ROAD)		SIDEWALK ON NORTH SIDE.			TA	ANY									F	2	25									
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				DIV				1																					•
		CHATHAM	VARIOUS	U-4726	DURHAM-CHAPEL HILL-CARRBORO (DCHC) MPO. BICYCLE, PEDESTRIAN, AND		13242	12842 TA	DA	С	400																		-
		DURHAM ORANGE			TRANSPORTATION ALTERNATIVES																								
		URANGE		DIV	PROGRAM (TAP)-ELIGIBLE PROJECTS.																								
				2.11																									
								UN	IDER CO	NSTR	UCTION	N																	
✓		ORANGE	SR 1780	EB-5886	SR 1772 (NORTH GREENSBORO STREET) IN	1.7	5032	TA		PE	136	Α																	•
			(ESTES DRIVE)		CARRBORO TO NC 86 (MARTIN LUTHER KING, JR. BOULEVARD) IN CHAPEL HILL. BICYCLE			L		PE	34		_	07.4	_		_	_		_				_				$\rightarrow$	-
					AND PEDESTRIAN IMPROVEMENTS.			14	ANY				R R	37 A 9 A			-												-
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								СОММІТ				DIV B							on by e 'n rr te		TON	C 86 (M	ARTIN I	UTHEF	R KING	JR. BI	.VD) IN C	HAPE	ī
																			ON BY [			(					,		
		ORANGE	BARNES STREET	EB-5890	KING STREET TO SR 1005 (JONES FERRY	0.2	292	TA	ANY						P		37			1							r <del></del>	<b>—</b>	-
					ROAD) IN CARRBORO. CONSTRUCT			L							PI	Ξ	9												_
					SIDEWALK.			TA	ANY				_		_		_	_		13				_					-
								TA	ANY								-	F	<u> </u>	3	С	184	1					$\rightarrow$	-
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				DIV																									
		ORANGE	MORGAN CREEK	EL-4828	WESTERN SECTION, SR 1919 (SMITH LEVEL		1568	1568																					-
		ONANOL	GREENWAY	LL-4020	ROAD) TO UNIVERSITY LAKE IN CARRBORO.		1000	1000																					
				TRN	CONSTRUCT GREENWAY AND CONNECTIONS.			СОММІТ		N	Пт	RN A		PHASE	E 1 - UN		ONST	RUCT	ION										
								COMMIT		_	=				2 - PF														
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		ODANCE		ED 6704		0.7	4000			i, DESI	IGN, RIG				UNSTR		N BY T	OWN	OF CAF	RBOR					-		r T	<del></del>	-
		ORANGE	ORANGE COUNTY BICYCLE ROUTE 1	EB-5721	CLELAND DRIVE TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE EXISTING OFF-	0.7	1089	120 <u>TA</u> L	van t	$\vdash$			C C	775 194		-	_	_		+	+		+			-	$\vdash$	+	-
				DIV	ROAD PATH AND CONSTRUCT NEW SECTION			1-					- 1														<u> </u>	L	_
					OF PATH.																								
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Friday, December 4, 2020



#### NON-HIGHWAY PROGRAM

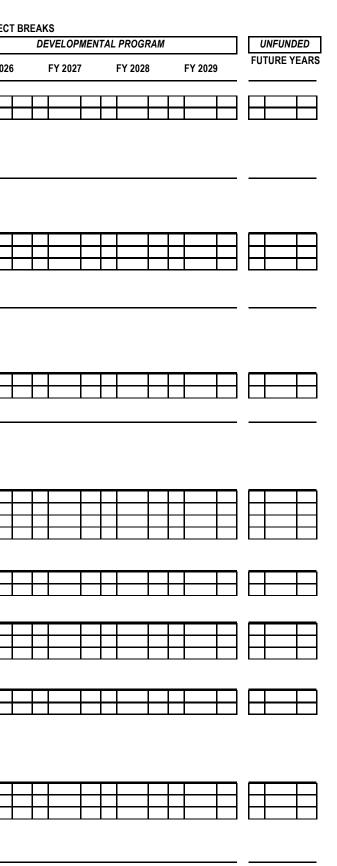
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DIVISION COMMITED	7					TOTAL PROJ	PRIOR YEARS		STATE	RANSPORTATI		F WORK				JUSANL	S/PRC	JJECT BI	D
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	COST (THOU) FUNDS	FY 2020	FY 2021	FY 2022	FY	2023	FY 20	024	FY 202	25	F١	Y 2026	
	PUBLIC TRAM DURHAM ORANGE	ISPORTATION PROJEC TRIANGLE TRANSIT AUTHORITY		EXPANSION BUS		19546	L	CP 1351 CP 135 CP 135		CP 1351 CP 135 CP 135 CP 135									
							FUNDS AU	THORIZED IN PRO	OGRESS										
	DURHAM ORANGE WAKE	TRIANGLE TRANSIT AUTHORITY	TE-4903A	FIXED GUIDEWAY - LIGHT RAIL SERVICE- CARY/RALEIGH		1502000	2000 FED	C 500000	C 500000	C 500000				ΤΙ					
			PT																
	DURHAM ORANGE	TRIANGLE TRANSIT AUTHORITY	TS-5119 PT	SAFETY & SECURITY - MIN. 1% SET ASIDE		404		CP 17 CP 2	CP 19	CP 17 CP 2	CP CP	17 2					H		
								THORIZED IN PRO	OGRESS								_		
	ORANGE	CHAPEL HILL TRANSIT	TA-4979 PT	REPLACEMENT VAN		4061	3269 5307				CP	792						<u> </u>	
	ORANGE	CHAPEL HILL TRANSIT	TA-4726	REPLACEMENT BUSES		51141		CP 1939 CP 242	OGRESS CP 1939 CP 242	CP 1939 CP 242	CP CP	1939 242				H	Ħ	<b>—</b>	Ŧ
			PT					CP 242	CP 242	CP 242	CP	242							1
	ORANGE	CHAPEL HILL TRANSIT	TA-4748 PT	REPLACEMENT - PARATRANSIT VEHICLE		4421		THORIZED IN PR	OGRESS CP 197	CP 197	CP	197							
	ODANOE		TA 4700A			0005		THORIZED IN PRO	OGRESS										
	ORANGE	CHAPEL HILL TRANSIT	DIV	3 REPLACEMENT BUSES.		2235	2235												
	ORANGE	CHAPEL HILL TRANSIT	TG-4732A PT	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE		3920	2840 5307	ESS BY CHAPEL CP 432 CP 108		CP 432 CP 108									
							FUNDS AU	THORIZED IN PR	DGRESS										
	ORANGE	CHAPEL HILL TRANSIT	TG-4732B PT	ROUTINE CAPITAL - SERVICE VEHICLE		888	692 5307 L				CP CP	157 39							
	ORANGE	CHAPEL HILL TRANSIT	TG-4731B	PREVENTIVE MAINTENANCE		28557	FUNDS AU 23185 <u>5307</u> L	THORIZED IN PRO	OGRESS 0 1074 0 269	O 1074 O 269	0	1074 269		+		$\square$		$\mp$	Ŧ
			PT						<u> </u>										
	ORANGE	CHAPEL HILL TRANSIT	TO-5133	OPERATING ASSISTANCE		50081	35801 SMAP	0 3570	0 3570	0 3570	0	3570							T
			PT				FUNDS AU	THORIZED IN PRO	DGRESS										
	ORANGE	CHAPEL HILL TRANSIT	U-5119A PT	ALTERNATIVE ANALYSIS - ENVIRONMENTAL ASSESSMENT, DESIGN, AND ENGINEERING	L	4220	4020 FED L	PE 160 PE 40									$\square$		$\pm$
							FUNDS AU	THORIZED IN PRO	OGRESS										
		Dollars (Non STI) RI		ot Category nal Category						Pa	ige 36 of	f 38						SIG	COS NIFIC

REA D	ks Evelop	MEN	TAL	PROGI	RAM			UNI	UNDE	D
	FY 2027			FY 2028		FY 20	29		RE YE	
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#### **NON-HIGHWAY PROGRAM**

							N	ION-HIGH	WAY PRO	DGRAM					
DIVISION	7					TOTAL	PRIOR				TYPE OF WOR	K / ESTIMATED C	OST IN THOUS	NDS /	PROJECT
COMMITE	D						YEARS		STATE T	RANSPORTATIO	ON IMPROVEME	NT PROGRAM			
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST (THOU)	(THOU) FUNDS	5 FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025		FY 2026
	PUBLIC T	RANSPORTATION PROJECT	TS											·	
	DURHAM ORANGE	DURHAM AREA TRANSIT	TN-5102	OPERATING ASSISTANCE - NEW FREEDOM - URBAN		1764	1260 <u>5317</u> L	0 63 0 63	O 63 O 63	O 63 O 63	O 63 O 63			<u> </u>	
		AUTHORITY	PT												
	ORANGE	GO TRIANGLE	TD-5295	TOWN OF HILLSBOROUGH. CONSTRUCT		1200		UTHORIZED IN PR	ROGRESS						
	UKANGE	GO TRIANGLE	REG	PARK-AND-RIDE LOT.		1200	1200								
								CONSTRUCTION B	Y GO TRIANGI F						
	ORANGE	GO TRIANGLE	TD-5284	UNC HOSPITALS AREA IN CHAPEL HILL.		360	5307					C 288		] [	
				CONSTRUCT NEIGHBORHOOD TRANSIT CENTER TRANSFER STATION. 400; 405; 420;			L					C 36 C 36		┥┝	
			REG	800; 805; CRX; FCX			<u></u>								
	ORANGE	GOTRIANGLE TRANSIT	TA-6669	PURCHASE EXPANSION VEHICLES FOR CRX ROUTE.		2431	2431								
	WAKE		REG												
							IN ACQU	ISITION							
	ORANGE	ORANGE PUBLIC	TA-6731	PURCHASE NEW BUS < 30'.		56	FED	CP 45						ΠĽ	
		TRANSIT	PT				L	CP 11						_] [	
	ORANGE	ORANGE PUBLIC TRANSIT	TD-5155	1 REPLACEMENT LTV (25') AND RADIO, VEHICLE LETTERING AND LOGOS, AND ON-		77	77								
		TRANSII	DIV	BOARD CAMERA.											
										-					
	ORANGE	ORANGE PUBLIC	TK-6151	ADMINISTRATION		2581	1837 5311	RESS BY ORANG	0 121	0 121	0 121			ר	<u> </u>
		TRANSIT				2001	5311							]	
							S	0 28 0 37	0 28 0 37	0 28 0 37	0 28 0 37				
			PT												
	ORANGE	ORANGE PUBLIC	TA-6721	PURCHASE TWO (2) LIGHT TRANSIT		109	Т		A 98					<u></u>	
		TRANSIT		VEHICLES			L		A 11						
			DIV												
	DURHAM ORANGE	TRIANGLE TRANSIT AUTHORITY	TA-4818B	REPLACEMENT BUS		6491	5529 <u>5307</u> L		CP 770 CP 96					7 F	
	URANGE	AUTOKIT					S		CP 96					<u> </u>	
			PT												
	DURHAM	TRIANGLE TRANSIT	TG-4821B	ROUTINE CAPITAL - BUS STOP SHELTERS,		24490	16614 <u>5307</u>	CP 1575	CP 1575	CP 1575	CP 1575				
	ORANGE WAKE	AUTHORITY		BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE			L	CP 394	CP 394	CP 394	CP 394				
	WANE		PT	VEHICLES, ETC INCLUDES ADA, PM AND SERVICE VEHICLES											
	1							UTHORIZED IN PR						<b>_</b>	
	DURHAM ORANGE	TRIANGLE TRANSIT AUTHORITY	TP-4732A	PLANNING ASSISTANCE		8429	5477 <u>5307</u> L	PL 590 PL 74	PL 590 PL 74	PL 590 PL 74	PL 590 PL 74			⊣ F	
	UNANUE		DT				S	PL 74	PL 74	PL 74	PL 74			] [	
			PT												
							FUNDS A	UTHORIZED IN PR	ROGRESS						

Friday, December 4, 2020



#### NON-HIGHWAY PROGRAM

DIVISION	7					TOTAL							ESTIMATED	COST IN THOUS	NDS / PRO.II		ks			
COMMITED						TOTAL PROJ			STATE	TRANSPORT								NTAL PROGRA	M	UNFUNDED
/ NON	COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	COST		FY 2020	FY 2021	FY 20		Y 2023	FY 2024	FY 2025	FY 2		FY 2027	FY 2028	FY 2029	FUTURE YEARS
			NUMBER	LOCATION / DESCRIPTION	LENGTH	(1800)		FT 2020	FT ZUZT	F1 20	722 Г	1 2023	F1 2024	FT 2023	F12	020	F1 2021	F1 2020	F1 2029	
	<u>PASSENGER R</u> ORANGE	<u>AIL PROJECTS</u> NORFOLK SOUTHERM H LINE	N P-5701 DIV	MILEPOST 41.7 IN HILLSBOROUGH. CONSTRUCT PLATFORM, PASSENGER RAIL STATION BUILDING, SITE ACCESS, UTILITIES AND PARKING.		8010	810 T O		C 3315 C 570	C 33	15									
							"OTHER"	FUNDING REFL	ECTS PARTICIPAT	ION BY TRIAN	GLE TRANSIT									
	AVIATION PRO	JECTS																		
	ROCKINGHAM	ROCKINGHAM COUNTY AIRPORT (SIF)		EXTEND RUNWAY TO 5500 FT.		2072	200 T												C 1872	
			DIV																	
	ROCKINGHAM	ROCKINGHAM COUNTY / NC SHILOH AIRPORT (SIF)	AV-5898	CONSTRUCT T-HANGAR TAXILANES FOR ADDITION OF T-HANGARS.		574	Т							C 574						
		(SIF)	DIV																	
		PEDESTRIAN PROJEC																		
	ROCKINGHAM	US 220 BUSINESS		EAST JACKSON STREET IN MAYODAN TO MAYO RIVER STATE PARK. CONSTRUCT	1.4	782	130 <u>TALT5</u> L		C 522 C 130						╛╘╁━					
			DIV	MULTIUSE PATH.																
	ROCKINGHAM	SR 1747	EB-5888	SR 1962 (NORTH PIERCE STREET) TO	1	567	124 TA5200	C 354												
		(EAST STADIUM DRIVE)		FREEDOM PARK IN EDEN. CONSTRUCT SIDEWALK.			L	C 89												
			DIV																	
	PUBLIC TRANS	PORTATION PROJECT	rs																	
	ROCKINGHAM	ROCKINGHAM COUNTY		ADMINISTRATION		2473	1765 <u>5311</u> 5311	0 142	0 142	0 1/	42 0	142			╕╒┯					
		COUNCIL ON AGING,					L	0 26	0 26	-	26 0	26			╡╞╧╧					
		INC.	РТ				5	09	0 9	0	9 0	9								
							FUNDS A	UTHORIZED IN F	ROGRESS											

Friday, December 4, 2020



### **NORTH CAROLINA** Department of Transportation



# Traffic Safety Data Trends / Performance Measures

**Brian Mayhew** 

Brian Murphy

## Overview

- Statewide Data Trends
- Burlington-Graham MPO Data Trends
- Safety Performance Measures

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## Overview

- Statewide Data Trends
- Burlington-Graham MPO Data Trends
- Safety Performance Measures

### ncdot.gov

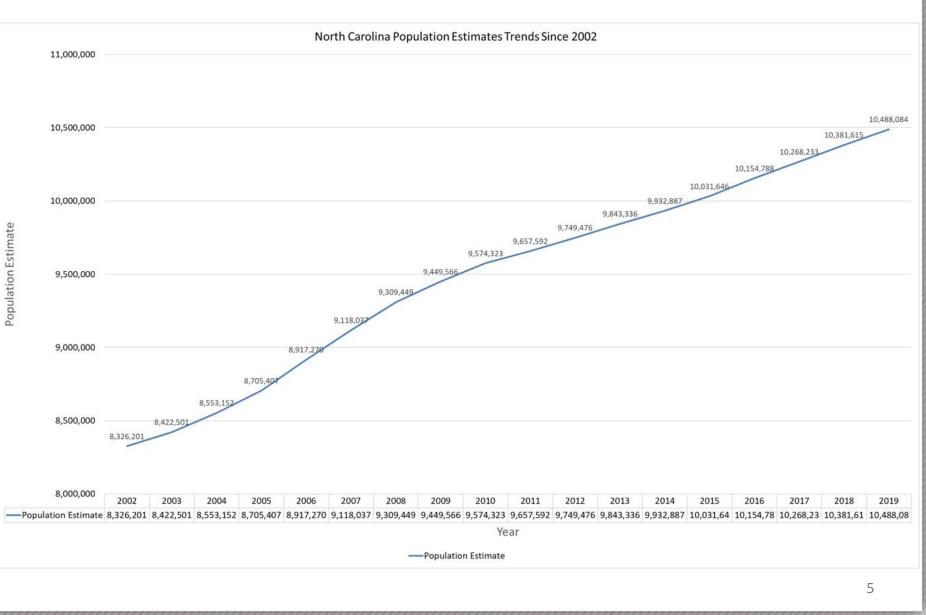


## **SHSP Goal**

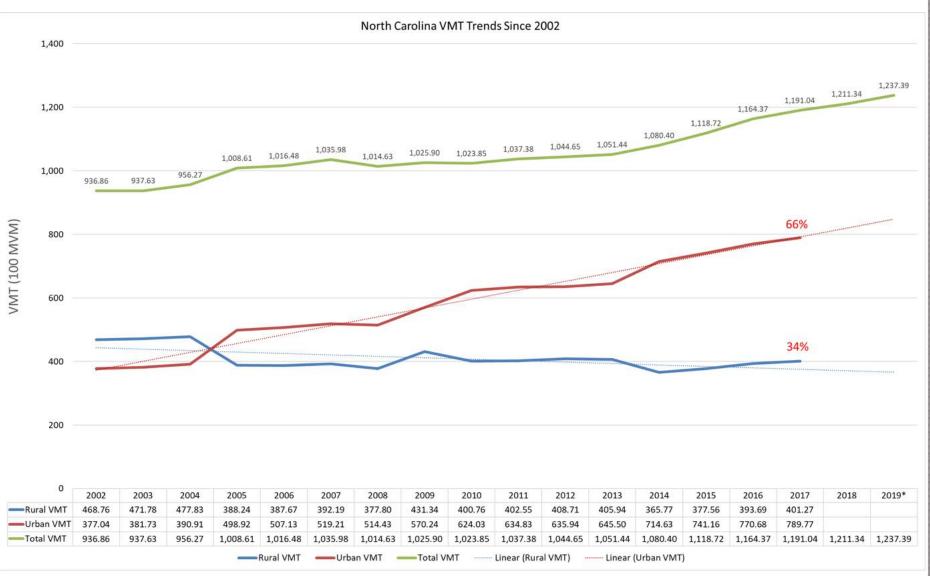
Reduce <u>all</u> fatalities and serious injuries by half by 2035, moving towards zero by 2050.



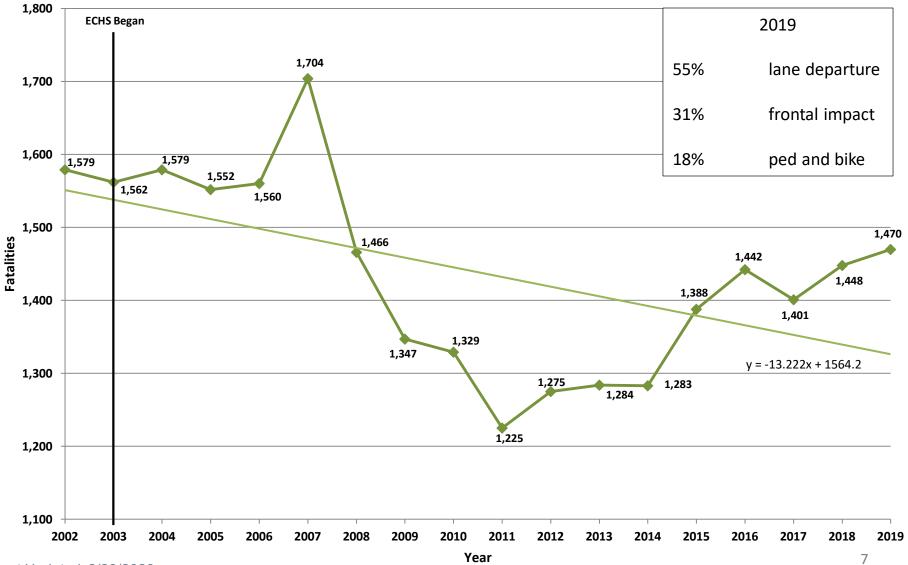
### **State Population**



## Vehicle Miles Traveled (VMT)



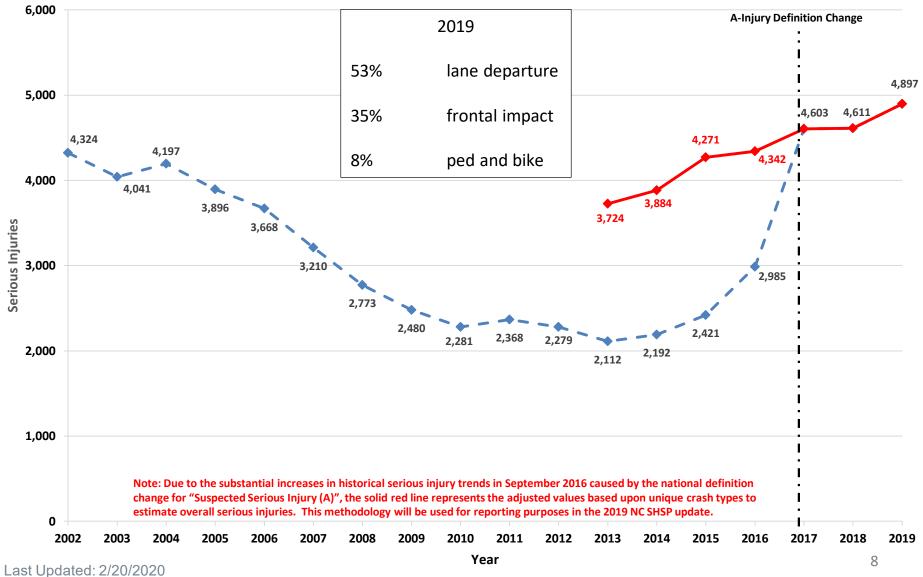
### North Carolina Fatalities Trends Since 2002



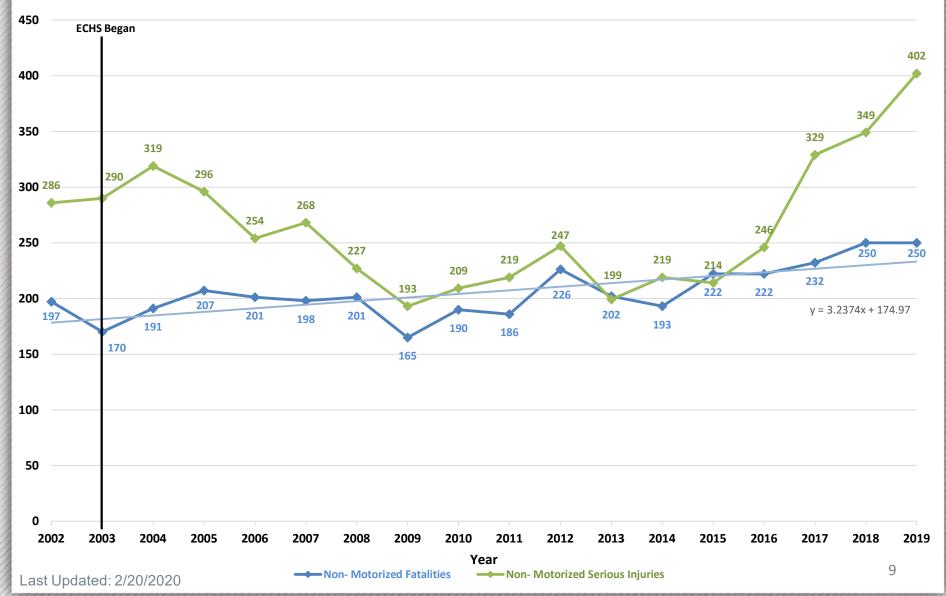
Last Updated: 2/20/2020

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### North Carolina Serious Injuries (A Type Injury - Disabling) **Trends Since 2002**

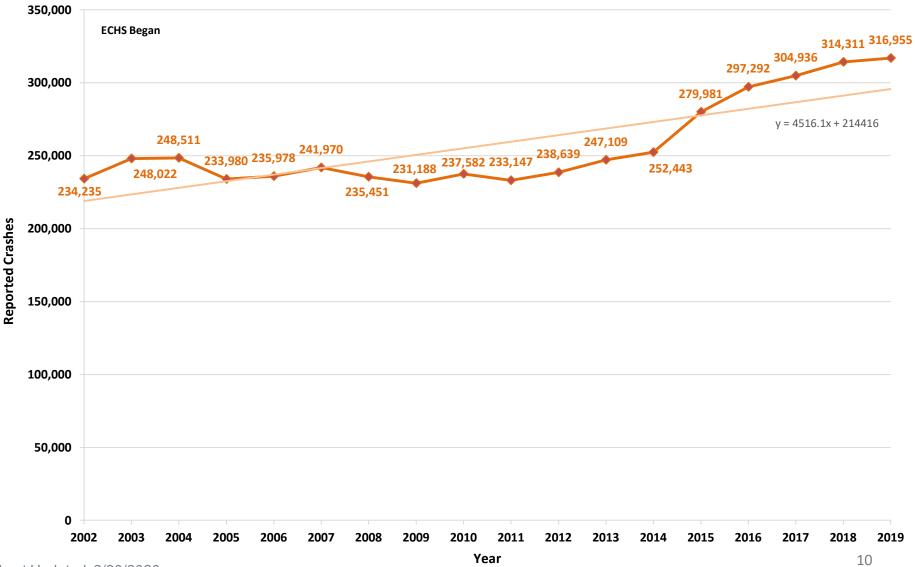


### North Carolina Non-Motorized Fatalities and Serious Injuries Trends Since 2002



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### **North Carolina Reported Crashes Trends Since 2002**



Last Updated: 2/20/2020

## Overview

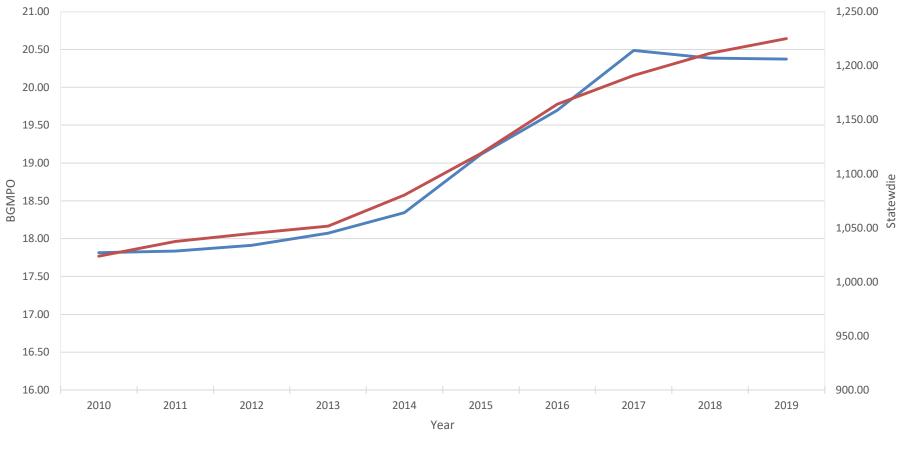
- Statewide Data Trends
- Burlington-Graham MPO Data Trends
- Safety Performance Measures

## Burlington-Graham MPO Data Trends

- Vehicle Miles Traveled
- Total Reported Crashes
- Fatal Crashes
- Serious Injury Crashes
- Non-Motorized Fatal and Serious Injury Crashes
- Pedestrian Crashes
- Bicycle Crashes
- Breakdown by Municipality within Burlington-Graham MPO

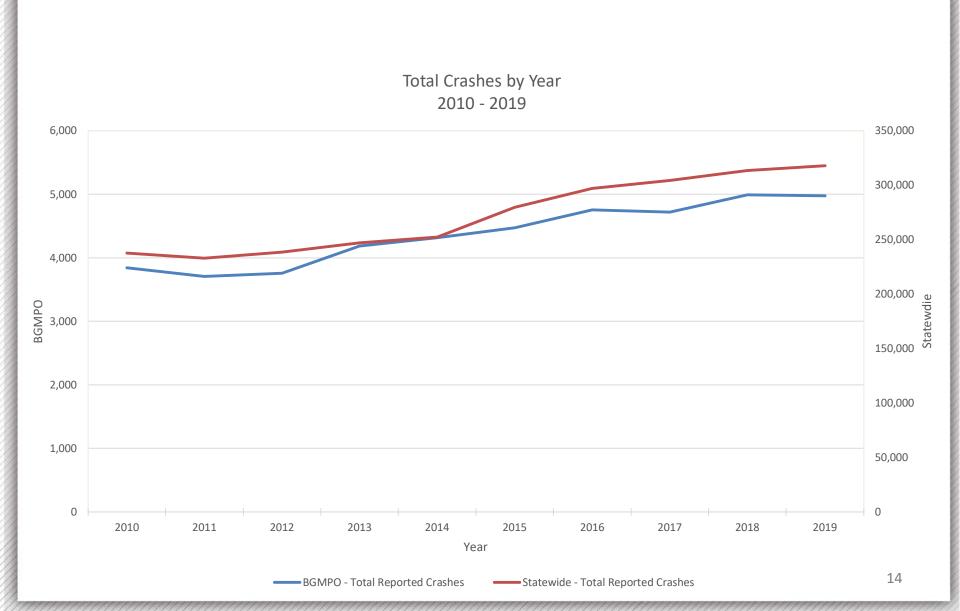
## Vehicle Miles Traveled

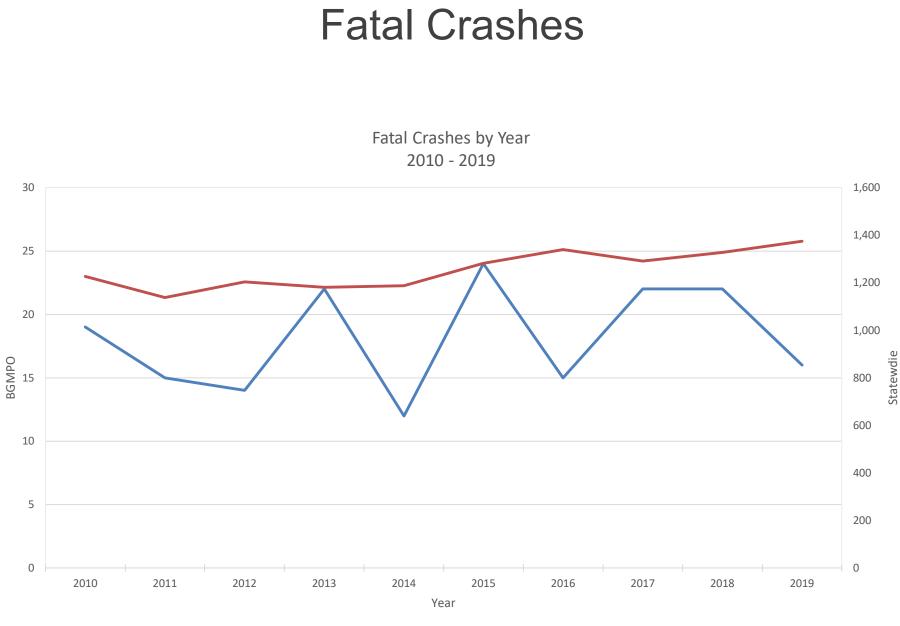
Vehicle Miles Traveled (100 MVM) by Year 2010 - 2019



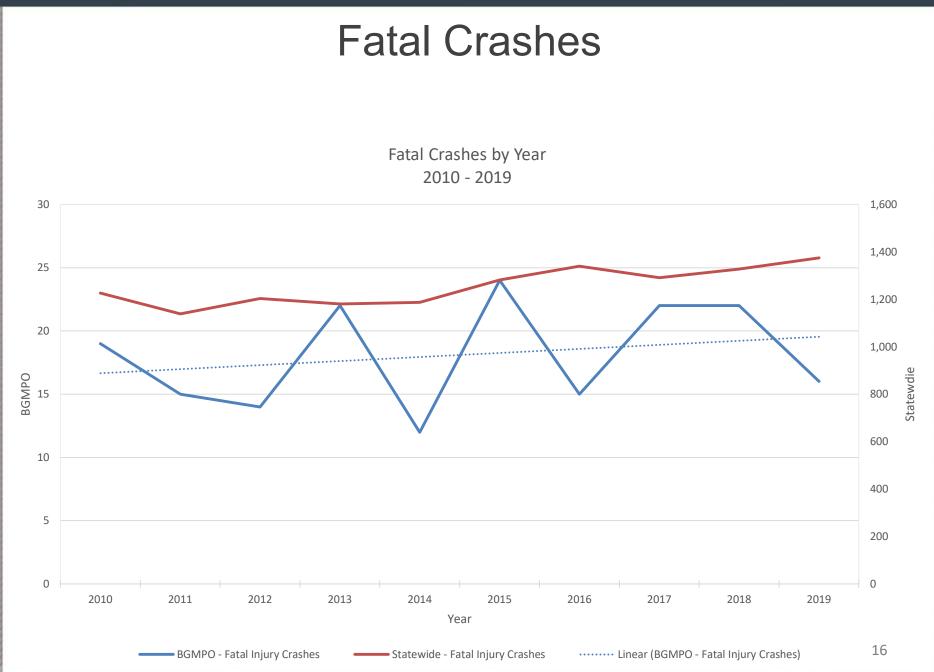
BGMPO - VMT Statewide - VMT

## **Total Reported Crashes**

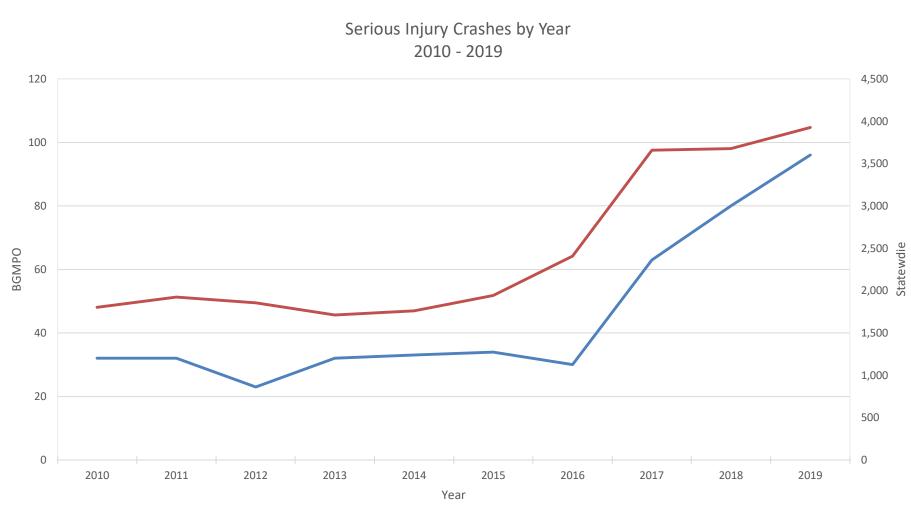




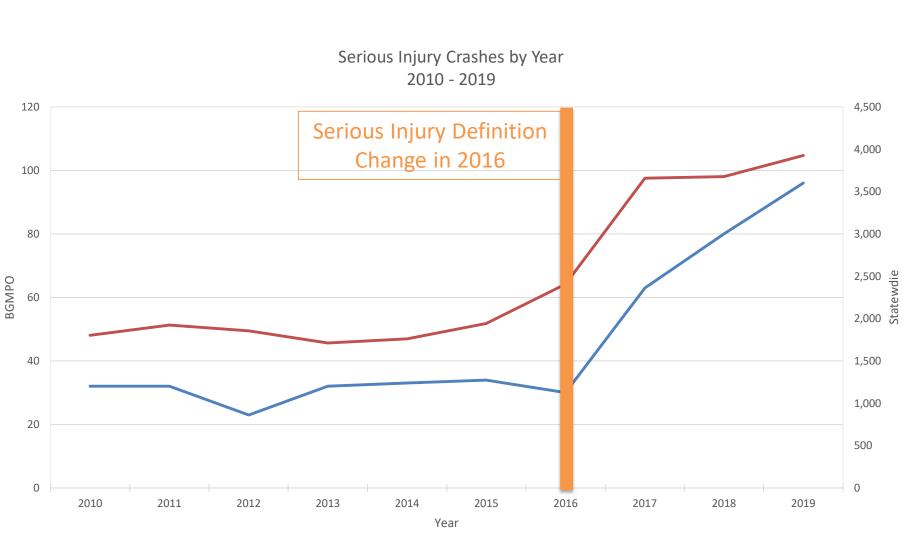
BGMPO - Fatal Injury Crashes Statewide



## Serious Injury Crashes

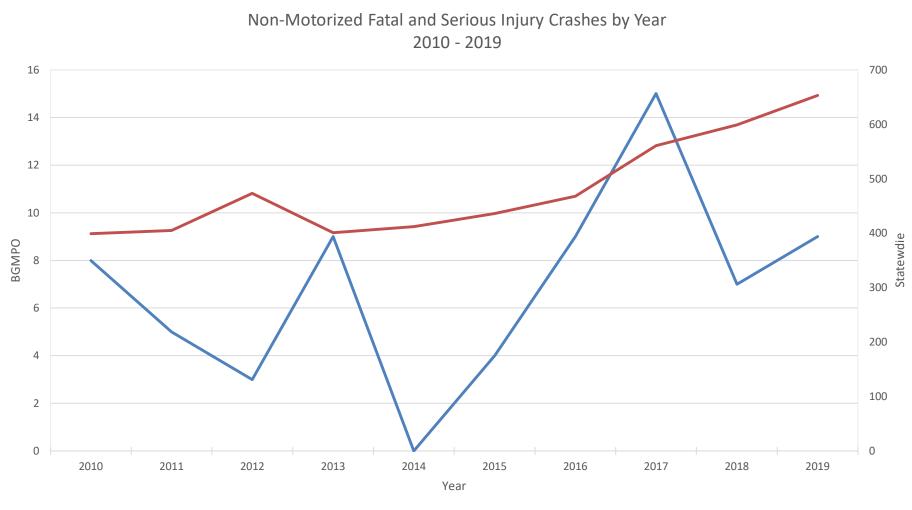


## **Serious Injury Crashes**



BGMPO - Serious Injury Crashes Statewide - Serious Injury Crashes

## Non-Motorized Fatal and Serious Injury Crashes

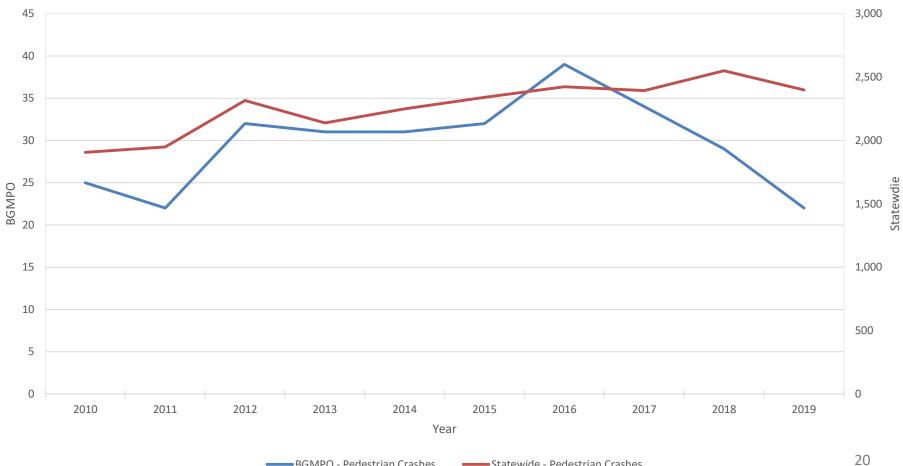


BGMPO - Non-Motorized Fatal and Serious Injury Crashes

19

## **Pedestrian Crashes**



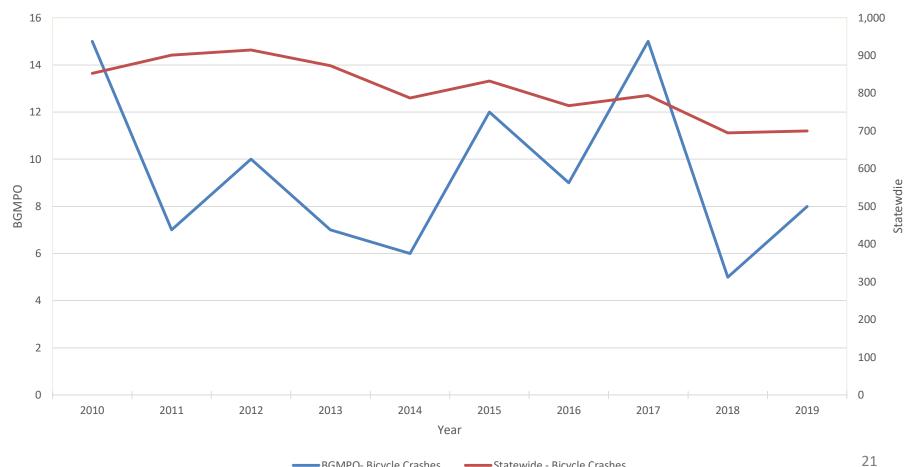


Statewide - Pedestrian Crashes

BGMPO - Pedestrian Crashes

## **Bicycle Crashes**

Bicycle Crashes by Year 2010 - 2019



- Statewide - Bicycle Crashes

BGMPO- Bicycle Crashes

Breakdown by Municipality within the Burlington-Graham MPO (2010 – 2019)

Municipality	Total Crashes	Fatal Crashes	Serious Injury Crashes
Alamance	344	1	7
Burlington	19,642	98	302
Eli Whitney	13	0	0
Elon	1,074	6	11
Gibsonville	502	8	22
Graham	3,308	12	39
Green Level	61	0	0
Haw River	850	1	10
Mebane	3,002	8	26
Ossippee	63	0	0
Saxapahaw	18	0	0
Snow Camp	30	0	0
Swepsonville	125	0	1
Whitsett	311	1	3
Rural	14,379	46	34
Total	43,722	181	455

### Overview

- Statewide Data Trends
- Burlington-Graham MPO Data Trends
- Safety Performance Measures

# Safety Performance Measures - Background

- MAP-21 / FAST Act Rulemaking
  - Requires State DOTs and MPOs to set targets for 5 Highway Safety Improvement Program (HSIP) safety performance metrics
  - Final Rules published in the Federal Register March 2016; effective April 2016

HSIP Safety Targets					
1	Number of fatalities				
2	Rate of fatalities				
3	Number of serious injuries				
4	Rate of serious injuries				
5	Number of non-motorized fatalities and non-motorized serious injuries				

### – Targets:

- Are based on 5 year rolling averages
- Are for calendar years
- Are established annually

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# Safety Performance Measures - Background

- Target reporting dates:
  - State: August 31<sup>st</sup> with annual HSIP report
  - MPO: February 27th

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# Safety Performance Measures - Background

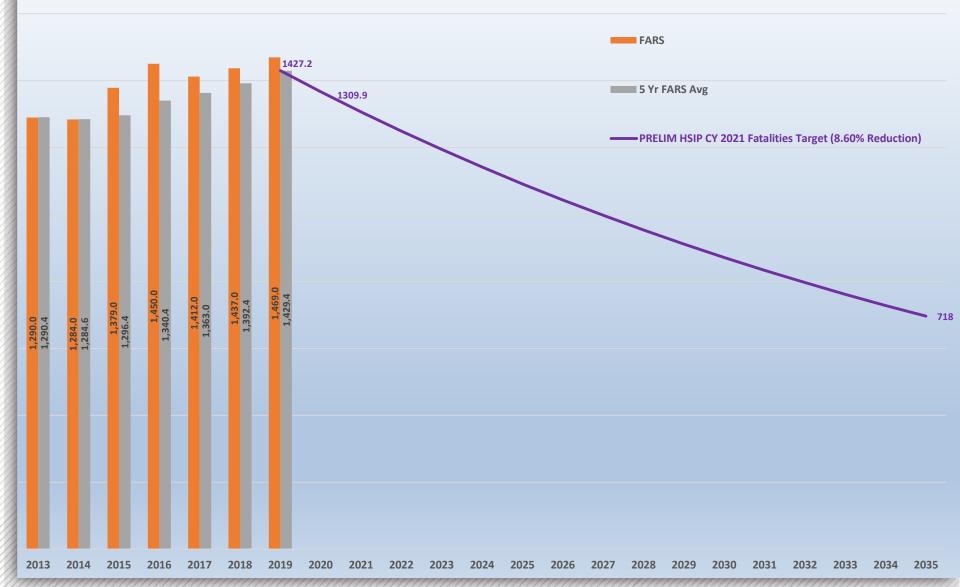
- How are targets set?
  - Up to each State and MPO
    - MPO can adopt State methodology, or come up with their own

- How were North Carolina State targets set?
  - North Carolina State Strategic Highway Safety Plan (<u>https://spatial.vhb.com/ncdotshsp/</u>)
    - · Developed through collaborative efforts of diverse safety stakeholders
      - State, Regional, Local
      - Public and private partners
      - Education, enforcement, engineering, emergency services
    - Presents a collaborative approach for reducing fatalities and serious injuries on NC's roadways
    - Adopted goal of reducing fatalities and serious injuries by half by the year 2035, moving towards zero by 2050
      - Used this as the basis for State level target setting



- Goal: Reduce fatalities and serious injuries by half by 2035
- Target: Where do we need to be in 2021 (current target setting year) to reach this goal by 2035?
  - Number of fatalities in 2018 = 1,437
  - To reduce fatalities by 50% in 2035 = 718
  - 5 year rolling average of fatalities in 2019 = 1,427.2
  - 2021 fatality target: 1309.9

#### **Number of Fatalities Performance Measure**



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## Safety Performance Measures – Assessment

- Assessment of Significant Progress
  - FHWA will determine whether a State DOT has met or made significant progress toward meeting HSIP safety targets
    - First FHWA assessment of NC's targets was made in early 2020 for CY 2018 targets
  - FHWA will not directly assess MPO progress towards meeting HSIP safety targets

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# Safety Performance Measures - Background

- Assessment of Significant Progress (cntd)
  - FHWA assessed NCDOT's CY 2018 safety targets in early 2020
  - Based on FHWA's review, North Carolina has not met or made significant progress toward achieving its safety performance targets.

		5-year Rolling Averages			(Actual) Better than	Met or Made	
	Performance Measures	Target	Actual	Baseline	Target Achieved?	Baseline?	Significant Progress?
		2014 - 2018	2014 - 2018	2012 - 2016		baseline :	Significant Progress?
	Fatalities	1,207.3	1,392.4	1,340.4	No	No	
	(5 Year Average)	1,207.3	1,392.4	1,340.4	NO	NO	
	Fatality Rate	1.114	1.206	1.226	No	Yes	
	(5 Year Average)	1.114	1.200	1.220	NU	163	
,	Serious Injuries	2,161.2	3,537.6	2,396.0	No	No	
	(5 Year Average)	2,101.2	3,337.0	2,390.0	NO	NO	No
	Serious Injury Rate	1.988	3.028	2.184	No	No	
	(5 Year Average)	1.566	5.028	2.104	NO	NO	
	Non-motorized Fatalities						
	and Serious Injuries	438.8	473.6	422.6	No	No	
	(5 Year Average)						

1		5-ye	ar Rolling Aver	ages		(Actual) Better than	Met or Made
1	Performance Measures	Target	Actual	Baseline	Target Achieved?	Baseline?	Significant Progress?
		2014 - 2018	2014 - 2018	2012 - 2016		Dasenner	Significant Progress?
Burlington-	Fatalities	16.2	20.0	18.0	No	No	
Barmigton	(5 Year Average)	10.2	20.0	18.0	NU	NU	
Crohom	Fatality Rate	0.874	1.014	0.966	No	No	
Graham	(5 Year Average)	0.874	1.014	0.900	NO	NU	
	Serious Injuries	31.3	57.0	34.8	No	No	
MPO	(5 Year Average)	51.5	57.0	54.6			No
	Serious Injury Rate	1.692	2.869	1.868	No	No	
1	(5 Year Average)	1.052	2.005	1.000			
1	Non-motorized Fatalities						
	and Serious Injuries	4.8	7.2	5.2	No	No	
9	(5 Year Average)						

# 2021 Safety Performance Measures

• 2021 North Carolina HSIP Safety Targets

Performance Measure	CY 2021
Number of Fatalities	1,309.9
Rate of Fatalities	1.105
Number of Serious Injuries	3,656.1
Rate of Serious Injuries	3.065
Number of Non- Motorized Fatalities & Serious Injuries	504.4

### Burlington-Graham MPO Safety Performance Measures

### • 2021 Burlington-Graham MPO HSIP Safety Measures

Safety Performance Measures					
Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-motorized Fatalities and Serious Injuries
2008	14	0.801	42	2.403	5
2009	17	0.962	33	1.867	5
2010	21	1.179	43	2.414	8
2011	15	0.841	37	2.075	5
2012	14	0.782	28	1.563	3
2013	24	1.328	37	2.047	10
2014	12	0.654	36	1.963	0
2015	24	1.256	40	2.093	4
2016	16	0.812	33	1.676	9
2017	23	1.123	78	3.807	15
2018	25	1.226	98	4.808	8
2019	17	0.834	122	5.988	9

- 2021 Burlington-Graham MPO HSIP Safety Targets
  - If adopting the State's methodology of reducing fatalities and serious injuries by half by the year 2035

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	16.2	0.913	36.6	2.064	5.2
2009 - 2013	18.2	1.018	35.6	1.993	6.2
2010 - 2014	17.2	0.957	36.2	2.012	5.2
2011 - 2015	17.8	0.972	35.6	1.948	4.4
2012 - 2016	18.0	0.966	34.8	1.868	5.2
2013 - 2017	19.8	1.035	44.8	2.317	7.6
2014 - 2018	20.0	1.014	57.0	2.869	7.2
2015 - 2019	21.0	1.050	74.2	3.674	9.0
2021 Target*	19.7	0.982	70.4	3.485	8.1

# Resources

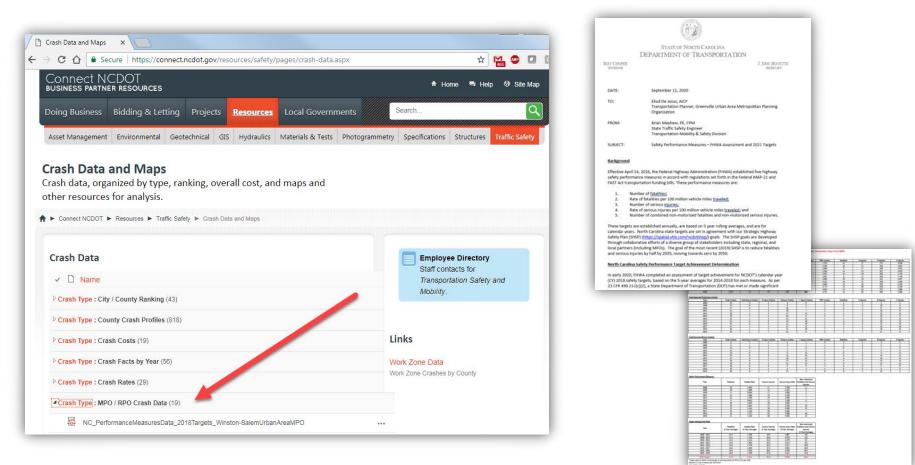
### Resources

- Metropolitan Planning Organization Safety Performance Measures Fact Sheet
  - <u>https://safety.fhwa.dot.gov/hsip/spm/docs/mpo\_factsheet.pdf</u>
- FHWA Safety Target Setting Resources
  - <u>https://safety.fhwa.dot.gov/hsip/spm/target-setting\_resources.cfm</u>
- North Carolina Strategic Highway Safety Plan
  - <u>https://spatial.vhb.com/ncdotshsp/</u>
- North Carolina Highway Safety Improvement Program (HSIP)
  - <u>https://connect.ncdot.gov/resources/safety/pages/nc-highway-safety-program-and-projects.aspx</u>

#### ncdot.gov

### Resources

- MPO / RPO Crash Data
  - <u>https://connect.ncdot.gov/resources/safety/Pages/Crash-Data.aspx</u>



# **Contact Information**

Brian K. Mayhew, PE, CPM State Traffic Safety Engineer Traffic Safety Unit North Carolina Department of Transportation (919) 814-5010 <u>bmayhew@ncdot.gov</u>

Brian Murphy, PE Safety Planning Engineer Traffic Safety Unit North Carolina Department of Transportation (919) 814-4948 bgmurphy@ncdot.gov



#### Endorsement of Targets for Safety Performance Measures Established By NCDOT

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

- WHEREAS, the Burlington Graham Metropolitan Planning Organization (BGMPO) 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 Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures annually; and,
- WHEREAS, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries; and,
- WHEREAS, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina continually through outreach conducted by NCDOT's Mobility and Safety Group; and,
- **WHEREAS,** the NCDOT officially establishes and reports the safety targets in the Highway Safety Improvement Program annual report by August 31, of each year; and,
- WHEREAS, the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

**NOW THEREFORE, BE IT RESOLVED**, that the BGMPO agrees to plan and program projects that contribute toward the accomplishment of the State's targets as *noted below for each of the aforementioned performance measures:* 

North Carolina Calendar Year 2021 Safety Performance Targets				
Performance Measures	CY 2021			
Number of Fatalities	1,309.9			
Rate of Fatalities	1.105			
Number of Serious Injuries	3,656.1			
Rate of Serious Injuries	3.065			
Number of Non-Motorized Fatalities & Serious Injuries	504.4			

Now therefore, be it further resolved, that by approval of this resolution, an amendment is hereby made to the 2045 MTP adopted on June 16, 2020 by the Burlington – Graham MPO.

Date: \_\_\_\_

By: \_\_\_\_\_ TAC Chair

STATE of: North Carolina COUNTY of: Alamance

I,	, Notary Public of		County, North Carolina do hereby certify that
	and a set of the second s	-l	

personally appeared before me on the \_\_\_\_\_day of \_\_\_\_\_to affix his signature to the foregoing document.

My Commission Expires: \_\_\_\_\_

Notary Public

# Highway Safety Program Update

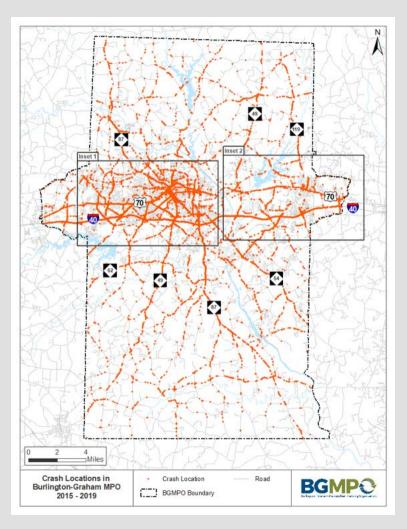
Blake Cashmore, Transportation Planner Burlington-Graham MPO

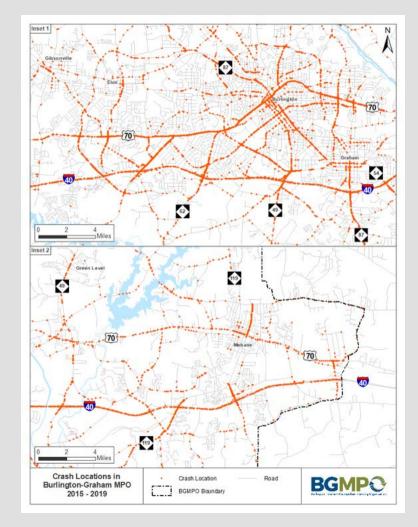


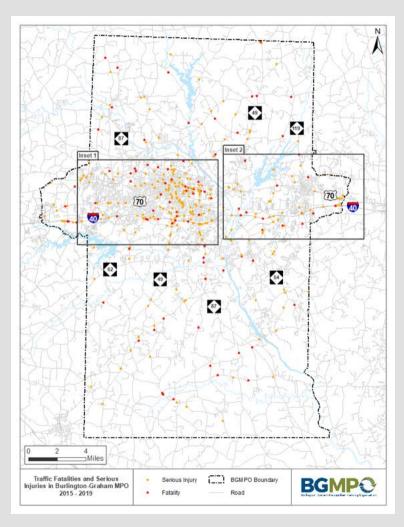
### **Order of Presentation**

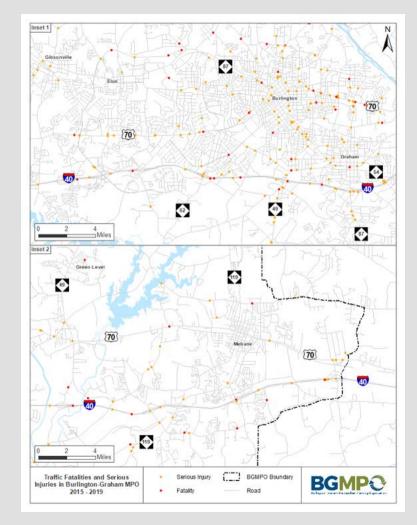
- 1. Preliminary Research
  - Crash Locations Data
  - Robeson County Vision Zero Program
- 2. Highway Safety Plan
- 3. Safety Subcommittee

# **Preliminary Research**









### Vision Zero Program in Robeson County, NC

1st	Ranking among North Carolina counties for number of fatal crashes per 1,000 registered vehicles (2015 – 2019)
1.2	Percentage of statewide population (2019)
2.8	Percentage of fatal vehicle crashes out of the statewide fatal crash total (2019)
53	Number of Robeson County traffic fatalities in 2017

### Traffic Fatalities in Robeson County

#### 

**Traffic Fatalities** 

# Development of Highway Safety Plan

Estimated project cost:

- Total project cost: \$75,000
- 80% Fed/PL Funds (\$60,000)
- 20% Local/City of Burlington (\$15,000)

1. Project Start (August – September 2021)

- Preliminary data review and public engagement
- Vision framing
- 2. Data Collection and Analysis (October December 2021)
  - Review of NCDOT crash data
  - Townhall meetings and GIS interactive map
- 3. Drafting Highway Safety Plan (January February 2022)
  - Adoption of safety targets
  - Prioritized safety strategies
- 4. TCC/TAC Approval (March 2022)

#### Data analysis components:

- **Development of High Injury Network (HIN)**: Top corridors and intersections for fatality/serious injury crashes in BGMPO.
- Transit Safety Assessment : Safety audit of all Link Transit and PART stops in the BGMPO.
- Bike/Ped Safety Assessment : Safety audit of bike/ped infrastructure along HIN corridors.
- Equity Analysis: Evaluation of traffic safety hazards among impoverished and/or minority communities.
- **Resiliency Assessment**: Identification of alternative safe routes in event of major corridor disruption.

### Highway Safety Plan outcomes:

- Framework for a sustainable and continuous Highway Safety Program
- Adoption of BGMPO safety targets and goals
- List of recommended safety strategies
- List of prioritized projects
- Review of safety program/project funding sources

#### Purpose:

- Support the goals and activities of the Highway Safety Program
- Help evaluate safety performance
- Identify program stakeholders
- Provide feedback on RFP
- Participate in consultant selection process
- Review and recommend Highway Safety Plan to TCC/TAC

### Members (10 total):

- 3 TAC members
- 3 TCC members
- Law enforcement representative
- NCDOT Division 7 representative
- NCDOT Traffic Safety Unit representative
- NCDOT Transportation Planning Division representative

#### Preliminary schedule:

- February 2020: Introductions, vision drafting and project planning
- March 2020: Review draft RFP for Highway Safety Plan
- May 2020: Meeting to review RFP responses and select project consultant
- August 2020: Meeting to kick -off Highway Safety Program
- December 2021: Meeting to review crash data analysis
- February 2022: Meeting to review draft Highway Safety Plan and recommend approval to TCC/TAC

### Thank you. Questions?

Blake Cashmore, Transportation Planner Burlington-Graham MPO bcashmore@burlingtonnc.gov



	NCDOT PROJECTS LOCATED IN BGUMPO - UNDER DEVELOPMENT						
TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead	
SS-4907BQ 44757.1.1 44757.2.1 44757.3.1	Intersection improvements (All Way Stop) at SR 1005 (Greensboro-Chapel Hill Road) at SR 2369 (Sylvan School Road) and SR 2371 (Pleasant Hill Road) in <b>Snow</b> <b>Camp.</b>	8/15/17	Aug. 2021	\$22,500 R/W \$153,000 CON	4-way stop installation and flasher completed 4/17/18, utility relocations complete, widening delayed to Spring 2021	Derek Dixon	
SS-4907CK 48306.1.1 48306.3.1	Install all-way (4-way) stop at intersection of NC 62 at SR 2029/SR 2030 (Old NC 49). Upgrade existing overhead flasher to flash all-red on all intersection approaches.	7/11/19	Dec. 2020	\$110,000	No re-alignment, signs and flashers only, Construction complete	Dawn McPherson	
48798	Installation of crosswalks and pedestrian signals and update curb ramps at the intersection of US 70 (South Church Street) and Edgewood Avenue (non-system) in <b>Burlington</b> .	Jun. 2021	Oct.2021	\$150,394	Planning and design activities underway	Dawn McPherson Derek Dixon	
I-5711 50401.2.1 50401.3.1	Interchange improvements at I-40/I-85 and SR 1007 (Mebane Oaks Rd) in <b>Mebane</b> .	3/16/21	FY2023	\$13,100,000	ROW acquisition underway - 50% complete, ROW Certified w/delays	Laura Sutton	
47786 SM-5707B 47903.2.1	Intersection improvements on SR 1007 (Mebane Oaks Rd) at SR 2126/2128 (Old Hillsborough Rd) south of <b>Mebane</b> . Improvements include addition of left and right turn lanes, radii widening, signal installation, resurfacing, and pavement markings.	Apr. 2021	Jun. 2021	\$898,500	Design complete, ROW acquisition underway - 90% complete with right of entry, Utility relocations pending	Chad Reimakoski Derek Dixon	
SS-6007B 48887.1.1 48887.3.1	All-Way Stop installation at SR 1529 (Durham Street) and SR 1530 (Elmira Street)	Apr. 2021	Jun. 2021	\$32,400	Funds approved and released 9/11/19	Dawn Mcpherson	
U-6010 47145.1.1 47145.2.1 47145.3.1	Intersection improvements at US 70 (South Church Street) and SR 1226/SR 1311 (University Drive) in <b>Burlington</b>	4/20/21	FY2023	\$8,400,000	Planning and design activities underway, ROW acquisition underway	Brian Ketner	

Description	Let/Start					
2000 Mpilon	Date	Completion Date	Cost	Status	Project Lead	
All-Way Stop installation with overhead flashers, and rumble strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).			Dawn Mcpherson			
Replace Bridge #112 over Reedy Fork Creek on NC87 in Ossipee	11/16/21	FY2024	\$6,200,000	Planning and design activities underway	Kevin Fischer	
Installation of overhead flasher on NC 49 at SR 1130 (Friendship Patterson Mill Road) south of <b>Burlington</b> .		Nov. 2022	\$9,900	Funds approved 3/5/20 and released 6/23/20	Dawn McPherson	
Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of <b>Burlington</b> .	Jun. 2022	Nov. 2022	\$20,700	Funds approved 3/5/20 and released 6/23/20	Dawn McPherson	
Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in <b>Burlington</b>		FY2024	\$75,000	75,000 PE funds scheduled to be released 2/2/21		
Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in <b>Graham</b>	2/16/23	FY2025	\$2,500,000	Planning and design activities underway	Chad Reimakoski	
Construct multi-lanes on NC62 from SR 1430 (Ramada Road) to US 70 (South Church Street) in <b>Burlington</b>	11/21/23	FY2026	\$9,000,000	Planning and design activities underway	Chad Reimakoski	
	strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).         Replace Bridge #112 over Reedy Fork Creek on NC87 in Ossipee         Installation of overhead flasher on NC 49 at SR 1130 (Friendship Patterson Mill Road) south of Burlington.         Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of Burlington.         Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in Burlington         Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in Graham         Construct multi-lanes on NC62 from SR 1430 (Ramada	strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).Replace Bridge #112 over Reedy Fork Creek on NC87 in Ossipee11/16/21Installation of overhead flasher on NC 49 at SR 1130 (Friendship Patterson Mill Road) south of Burlington.Jun. 2022Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of Burlington.Jun. 2022Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in Burlington10/20/22Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in Graham2/16/23Construct multi-lanes on NC62 from SR 1430 (Ramada11/21/23	strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).       Image: Construct multi-lanes on NC 49 at SR 1130       Image: Construct multi-lanes on NC 49 at SR 1130       Image: Construct multi-lanes on NC 49 at SR 1130       Image: Construct multi-lanes on NC 49 at SR 1130       Jun. 2022       Nov. 2022         Installation of overhead flasher on NC 49 at SR 1130       Jun. 2022       Nov. 2022       Nov. 2022         Installation of overhead flasher on NC 49 at SR 1130       Jun. 2022       Nov. 2022         (Friendship Patterson Mill Road) south of <b>Burlington</b> .       Jun. 2022       Nov. 2022         Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of <b>Burlington</b> .       Jun. 2022       Nov. 2022         Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in <b>Burlington</b> Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in <b>Graham</b> Z/16/23       FY2025	strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).       Image: Strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).         Replace Bridge #112 over Reedy Fork Creek on NC87 in Ossipee       11/16/21       FY2024       \$6,200,000         Installation of overhead flasher on NC 49 at SR 1130 (Friendship Patterson Mill Road) south of Burlington.       Jun. 2022       Nov. 2022       \$9,900         Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of Burlington.       Jun. 2022       Nov. 2022       \$20,700         Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in Burlington       10/20/22       FY2024       \$75,000         Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in Graham       2/16/23       FY2025       \$2,500,000	strips installation at NC 49 and SR 1005 (West Greensboro Chapel Hill Road).9/11/19Replace Bridge #112 over Reedy Fork Creek on NC87 in Ossipee11/16/21FY2024\$6,200,000Planning and design activities underwayInstallation of overhead flasher on NC 49 at SR 1130 (Friendship Patterson Mill Road) south of Burlington.Jun. 2022Nov. 2022\$9,900Funds approved 3/5/20 and released 6/23/20Installation of pedestrian countdown heads at two existing crosswalks at the intersection of NC 62 (Rauhut Street) and SR 1537 (Sharpe Road) north of Burlington.Jun. 2022Nov. 2022\$20,700Funds approved 3/5/20 and released 6/23/20Installation of ADA curb ramps and pedestrian accessible signals on SR 1301 (Boone Station Drive) at SR 1301 (St. Marks Church Road) and Boone Station Drive (non-system) at Glidewell Road/Tiki Lane (non-system) in Burlington10/20/22FY2024\$75,000PE funds scheduled to be released 2/2/21Intersection improvements at NC 54 (East Harden St.) and NC 49 (East Elm St.) in Graham2/16/23FY2026\$9,000,000Planning and design activities underway	

NCDOT PROJECTS LOCATED IN BGUMPO - UNDER DEVELOPMENT								
TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead Brian Ketner		
U-6013 47158.1.4 47158.2.4 47158.3.4	Widen NC 119 to multi-lanes from SR 1981 (Trollingwood- Hawfields Rd)/ SR 2126 (Old Hillsborough Rd) to Lowes Blvd (non-system) in <b>Mebane</b> .	12/19/23	FY 2026	\$5,200,000	Planning and design activities underway			
U-6014 47159.1.1 47159.2.1 47159.3.1	Widen SR 1716 (Graham-Hopedale Rd) to multi-lanes with Bicycle/Pedestrian accommodations from SR 1720 (West Hanover Rd) to Morningside Drive in <b>Burlington</b>		5/21/24 FY 2026 \$11,3		Planning and design activities underway, Includes EB-5882	Chad Reimakoski		
U-6011 47146.1.1 47146.2.1 47146.3.1	Intersection improvements at US 70 (South Church Street) and SR 1158 (Huffman Mill Rd) in <b>Burlington</b>	8/20/24	FY2026	\$2,400,000	Planning and design activities underway	Brian Ketner		
B-6052 48709.1.1 48709.2.1 48709.3.1	Replace bridge 68 over NCRR / Norfolk Southern Railroad on SR 1928 (Trollingwood Road) in <b>Haw River</b>	1/20/26	FY2027	\$2,500,000	PE funding approved 5/6/19	Kevin Fischer		
I-6009 47962.1.1 47962.2.1 47962.3.1	Interchange improvements at I-40/I-85 and SR 1158 (Huffman Mill Road). Construct additional right turn lane on I- 40 WB Ramp and improve operations at SR 1308 (Garden Road) intersection in <b>Burlington</b>	6/27/29	FY2031	\$936,000	PE funding approved 6/5/18	Brian Ketner		
U-6009 47144.1.1 47144.2.1 47144.3.1	Widen and construct center turn lane on US70 (West Church St) from Tarleton Ave. to Fifth Street in <b>Burlington</b>	1/1/40	FY2040	\$6,337,000	Planning and design activities on hold	Chad Reimakoski		
I-6059 48689.1.1 48689.2.1 48689.3.1	Interchange improvements at I-40/I-85 and SR 1981 (Trollingwood-Hawfields Road) in <b>Mebane</b>	1/1/40	FY2040	\$12,400,000	PE funding scheduled for 12/4/24	Laura Sutton		

#### 1/11/2021

#### North Carolina Department of Transportation

#### Active Projects Under Construction - Alamance Co.

Contract Number		Location Description	Contractor Name	Resident Engineer	Contract Bid Amount	Availability Date	Completion Date	Work Start Date	Estimated Completion Date	Progress Schedule Percent	Completion Percent
C203676	B-5239	REPLACE BRIDGE #126 OVER MILL RACE AND BRIDGE #119 OVER HAW RIVER ON NC-87.	DANE CONSTRUCTION	Howell, Bobby J	\$4,786,122.27	3/15/2018	3/29/2020	3/15/2018	11/1/2020	100.00	99.95
C203844	U-3109A	NC-119 RELOCATION FROM I-40/85 TO SR-1921 (MEBANE ROGERS RD/ STAGE COACH RD).	THALLE CONSTRUCTION CO., INC.	Howell, Bobby J	\$45,389,069.36	6/26/2017	1/28/2021	8/3/2017	7/23/2021	99.00	73.82
C204106	U-3109B	NC-119 RELOCATION NORTH OF SR-1921 (MEBANE ROGERS RD) TO SOUTH OF SR-1918 (MRS WHITE RD).	THALLE CONSTRUCTION CO., INC.	Howell, Bobby J	\$8,151,660.80	8/27/2018	11/28/2020	10/4/2018	5/28/2021	100.00	62.91
C204111	U-6015	BURLINGTON - GRAHAM SIGNAL SYSTEM.	ALS OF NORTH CAROLINA LLC	Howell, Bobby J	\$7,938,392.20	10/29/2018	8/15/2021	2/11/2019	10/27/2021	74.90	40.03
DG00426		RESURFACE A PORTION OF NC 87 AND PORTIONS OF 3 SECONDARY ROADS	RILEY PAVING INC	Lorenz, PE, Kris	\$3,463,032.95	7/9/2018	11/1/2019	2/25/2020	12/31/2020	100.00	87.69
DG00432		RESURFACE A PORTION OF US 70 AND 6 SECONDARY ROADS IN ALAMANCE COUNTY AND A PORTION OF 1 SR IN GUILFORD CO.	RILEY PAVING INC	Howell, Bobby J	\$1,878,598.12	7/9/2018	11/1/2019	3/29/2019	10/31/2019	100.00	99.94
	R-5787BB W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Howell, Bobby J	\$319,319.80	6/25/2018	2/15/2020	8/6/2018	2/15/2020	100.00	92.94
DG00457	U-5752	INTERSECTION IMPROVEMENTS AT US 70 (CHURCH STREET) AND SR 1301 (ST. MARKS CHURCH ROAD)	SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC	Howell, Bobby J	\$1,790,372.74	9/4/2018	3/31/2020	10/23/2018	5/30/2020	100.00	99.90
DG00473	U-5843	INTERSECTION IMPROVEMENTS AT US 70 (CHURCH ST.) AND SR 1716 (GRAHAM-HOPEDALE RD)	P & S GRADING LLC	Howell, Bobby J	\$2,495,284.62	4/1/2019	4/1/2020	3/19/2019	11/30/2020	100.00	99.93
DG00477		RESURFACE US 70 (CHURCH ST.) FROM 5TH ST TO 380' W OF SR 1928 (JIMMY KERR RD.), US 70WB (FISHER ST.)FROM BEG OF SPLIT TO END OF SPLIT	RILEY PAVING INC	Howell, Bobby J	\$3,614,442.95	7/8/2019	10/30/2020	7/29/2019	10/30/2020	82.00	99.94
DG00479		MILL AND RESURFACE A PORTION OF NC 54 AND PORTIONS OF 9 SECONDARY ROADS	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Howell, Bobby J	\$2,142,415.27	6/17/2019	10/30/2020	6/26/2019	10/30/2020	90.00	99.84





PART

#### PART welcome's a new board chair

Each year the PART Board of Trustees Board officers are elected to oversee the business activities and provide policy directives for the regional government. An election was held in November and the new officers begin service in January 2021. The Board officers for 2021 are:

Chair - Marikay Abuzuaiter, Greensboro MPO chair, Greensboro City Council Vice-chair - Fleming El-Amin, Forsyth County Board of County Commissioners Secretary - Carolyn Coleman, Guilford County Board of County Commissioners Treasurer - Kevin Austin, Yadkin County Board of County Commissioners

Also at the November meeting, the Board thanked past-chair Dan Besse for his 7 years of service on the Board and 5 years as Chair. Mr. Besse is taking a break from public service as an elected official. He will always be remembered as a great champion for public transportation. Chair elect Marikay Abuzuaiter states, "I am truly honored to chair the 2021 PART Board of Trustees, realizing the importance of picking up where past chair, Winston-Salem City Council member Dan Besse, left off. PART offers exceptional opportunities to address regional transportation needs through innovation. I look forward to partnering with a host of member agencies to advance mobility for our residents and visitors." She becomes the fifth different chair in PART's 22 year history.



Chair Elect Marikay Abuzuaiter

Scott Rhine, PART Executive Director, commented, "It is exciting to have our PART Board being led to achieve advancements with our mobility systems and services PART provides to the Region with excellent leadership and our Chairperson Abuzuaiter providing meaningful direction to our agency's mission and goal."

#### Transit referenda approval remains strong

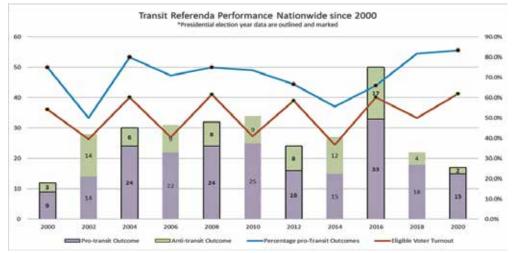
On Tuesday November 3, 2020, in communities across the United States, voters continued to voice their overwhelming support for public transit by approving 15 out of 18 ballot measures in support of public transit. One measure is awaiting recount confirmation and two were not approved by voters. November election night's results add to the 32 public transit measures already passed by voters this year, bringing this year's total to 47 out of 51 wins for public transit, a 92% approval rate.

In spite of the huge changes and difficult challenges of the COVID-19 pandemic, voters have risen to support public transportation. Voters understand how important investments are to help our communities thrive. "Voters throughout the country once again overwhelmingly said 'yes' to public transit ballot measures that will expand and improve public transit, spur economic development and job creation, and connect communities and the people who live in them," said APTA President and CEO Paul P. Skoutelas. "Even during this pandemic and economic downturn, voters have spoken and

Continued on page 2



pledged their vote where they know it's needed – public transportation investment. These ballots once again underscore the importance of local, state, and federal partnerships in transportation investment."



Indeed, since 2000, 74% of all transit funding ballot measures in the United States have had pro-transit outcomes. This includes the ballot measure which failed to overturn Mecklenburg County's ½ cent sales tax. North Carolina's performance when it comes to transit funding is even better than the national total. Since 2000, NC voters have voted for transit in all nine (9) transit related funding measures that showed up on ballots—that's 100% pro-transit.

Source: APTA's Center for Transportation Excellence tracks and records all of the measures on its website.

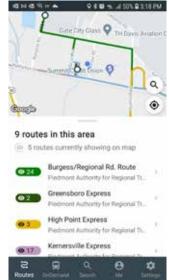
#### There's a new app in town

PART strives to provide public transportation passengers with tools to give them an excellent experience. All PART buses have bike racks and free Wi-Fi. Passengers can pay their fare on-line, then tap a smart card or their smart phone as they board. In 2015 PART provided its first tool to passengers - TransLoc. TransLoc provides real-time bus tracking online or through an app downloaded on to a smart phone. PART also uses TransLoc to provide service updates and delays. This tools also provides PART staff with bus performance data that is used to improve on-time performance.



TransLoc data was access 9,417 times by passengers during 2019. If you do not use TransLoc you might want to start. For the first time TransLoc has made major enhancement to its user experience. The older Rider app is going away on January 31, 2021. The new app to download is simply called TransLoc. The icon image is shown to the left. It is available on IOS and Android platforms. Whether you are a current user of the app or you are

ready to become a new fan – download the TransLoc app today. TransLoc is also available if you a GTA, High Point Transit, DCTS or LINK passenger, makiing your regional travel all the more easy.



New TransLoc screen shot.

"Slashing or eliminating the transit service that carried 34 million passengers a day in 2019 will cause a national mobility crisis in 2021, hobbling the economic recovery that a crisis-weary nation needs. Traffic is already returning to the nation's roads, and could easily reach pre-pandemic levels of gridlock unless checked. In cities across the country, streets will become impassable if even a fraction of former transit riders return to work and errands in cars."

Source: Janette Sadik-Khan and Seth Solomonow. December 21, 2020. Public Transit Has to Come Back. https://www.theatlantic.com/ideas/archive/2020/12/public-transit-has-come-back/617435/?utm\_source=feed

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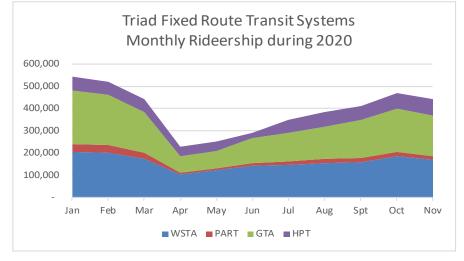
January 20

336.883.7278

# Safety and ridership during the pandemic

PART

The pandemic has provided numerous disruptions to public transporation agencies and passengers across the Triad and the country. Providing an efficient, effective and safe service during this period has been challenging. Federal support through the CARES Act has played a vital role in keeping the buses running. One thing the pandemic has highlighted is that essential workers need public transportation. Ridership across the Triad's four urban fixed route systems remains about 19% below the January 2020 baseline.



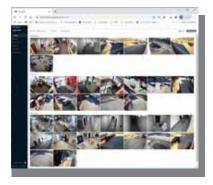
PART Express, a commuter express service, is 54% below the January baseline. Since May 2020 ridership slowly increased over the next five months. Historically the lowest ridership months are November and December. Matching that trend, ridership across the region dipped in November and we should not expect a significant rise again until February or March of 2021.

The decision to ride during the pandemic has been difficult for many and even discouraged by public health officials. However, transit systems across the country have taken extraordinary measures to keep drivers and the public safe. Systems have taken numerous steps from limiting the exchange of cash, speeding up boarding times, limiting capacity on the vehicles to requiring facial coverings. Then there have been extreme measures like reducing service and discontinuing routes.



PART has made numerous service adjustments, required facial covernings and promoted contactess fare payment through Touchpass as its main safety strategies. But the effort continues as PART will be adding driver barriers to all its vehicles. This will add an additional layer of protection for our essential frontline employees - our bus operators.

### Enhancing security on campus



Identifying the need to integrate a seamless video surveillance system across the PART campus, an RFP was released in October. The scope of work included the upgrade of both hardware and software for PART's administrative, maintenance, and Coble Transportation Center. Turnkey Technologies was awarded the contract and began work in November. Using Verkada's hybrid cloud cameras and Command software, installation was completed in half the time of traditional programs. The web-based platform allows for accessibility and monitoring from any browser. The camera's environmental sensors monitor and detect changes that occur across the facility. Most encouraging is the systems ability to expand and integrate remote facilities such as PARTs Park & Ride locations.





www.PARTNC.org 336.883.7278 contactus@partnc.org

TransLoc Bus Tracking App