

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC) MEETING**

Wednesday, September 21, 2016, at 1:30 p.m.
Greenville City Hall, Room # 337
Actions to be taken in bold italics

1) Approval of Agenda; **approve**

Chair to read aloud Ethics Awareness and Conflict of Interest reminder

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER--Does any Board member have any known conflict of interest with respect to any matters coming before the Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved

2) Approval of Minutes of May 3, 2016, Meeting (Attachment 1); **approve** p. 5

3) Public Comment Period

4) New Business / Action Items:

a) Modifications to 2014-2040 Metropolitan Transportation Plan (MTP); -- Resolution No. 2016-05-GUAMPO **Recommend for TAC Adoption** (Attachment 4a) p. 8

b) DIVISION projects point assignment. (Attachment 4b)- **recommend for TAC adoption** p 11

c) Self-Certification of Greenville Urban Area MPO Transportation Planning Process for FY18 (Attachment 4c) – Resolution No. 2016-06-GUAMPO; **recommend for (TAC) adoption p. 35**

d) Modification to FY16-17 Planning Work Program (PWP) to reflect new costs associated with additional planning work to Active Transportation Master Plan, and for the Travel Demand Model update. (Attachment 4d) -- Resolution No. 2016-07-GUAMPO; **recommend for TAC adoption** p. 40

e) 2017-2018 Planning Work Program (Attachment 4e) – Resolution No. 2016-08-GUAMPO; **recommend for TAC adoption** p 46

f) Identification/discussion of project ideas for future submittal to NCDOT and resulting modifications in the MPO's Metropolitan Transportation Plan (MTP). (Attachment 4f) **Consider future projects and recommend for TAC consideration** p 67

g) Amendments to the CTP Highway Map (Attachment 4g) -- Resolution No. 2016-09-GUAMPO; **recommend for TAC adoption** p. 72

h) Modification to Transportation Improvement Program (TIP) for Project EB-5539 (South Tar River Greenway, Phase 3) and various Statewide projects. (Attachment 4h) -- Resolution No. 2016-10-GUAMPO; **recommend for TAC adoption** p. 85

i) Resolution of support for designation of future interstate corridor of: 1) NC11 between US64 and US70 (via Harvey Parkway, SW Bypass, and US264) and 2) a) US264 between US64 and 1/2 mile east of NC11, and b) the SW Bypass, between US264 and NC11 (Attachment 4i) -- Resolution No. 2016-11-GUAMPO; **recommend for TAC adoption** p. 88

- j) Updates regarding DOT Transportation projects within the MPO. Presented by NCDOT staff.
- k) Ethics Filing Reminder (no attachment): **Inform your elected TAC representative** to file required forms between January 1, 2017 and April 15, 2017
- *Statement of Economic Interest (SEI) and Real Estate Disclosure*
- For electronic filers, the Real Estate Disclosure Form may be incorporated into the SEI questions.
<http://www.ethicscommission.nc.gov>
- 5) Any other discussion items
- Pitt County passes resolution asking the General Assembly to revise its formula for awarding transportation dollars. p. 92
- 6) REMAINING 2016 MPO Meetings (Greenville City Hall, Room 337, at 1:30pm) (call in: 252-439-4937)
- TAC Oct 4th, 2016
 - If needed: TCC – Nov 9, 2016 TAC – Nov 16, 2016
- 7) 2017 MPO Meeting Schedule (all at Greenville City Hall, Room 337, at 1:30pm)
- Too soon to establish
- 8) Adjourn
- 9) Appendix: Latest bicycle and pedestrian counts on local greenways p. 95

GREENVILLE URBAN AREA MPO'S TITLE VI NOTICE TO PUBLIC

U.S. Department of Justice regulations, 28 Code of Federal Regulations, Section 42.405, Public Dissemination of Title VI Information, require recipients of Federal financial assistance to publish or broadcast program information in the news media. Advertisements must state that the program is an equal opportunity program and/or indicate that Federal law prohibits discrimination. Additionally, reasonable steps shall be taken to publish information in languages understood by the population eligible to be served or likely to be directly affected by transportation projects.

The Greenville Urban Area MPO hereby gives public notice that it's the policy of the MPO to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, Executive Order 13166 *Improving Access to Services for Persons with Limited English Proficiency*, and related nondiscrimination statutes and regulations in all programs and services. It is the MPO's policy that no person in the United States shall, on the grounds of race, color, sex, age, income status, national origin, or disabilities be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program, activities, or services for which the MPO receives Federal financial assistance.

Any person who believes they have been mistreated by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with the Greenville Urban Area MPO. Any such complaint must be in writing or in person to the City of Greenville, Public Works--Engineering, MPO Title VI Coordinator, 1500 Beatty St, Greenville, NC 27834, within one hundred eighty (180) days following the date of the alleged discrimination occurrence. Title VI Discrimination Complaint forms may be obtained from the above address at no cost, or via internet at www.greenvillenc.gov.

GREENVILLE URBAN AREA MPO'S TÍTULO VI COMUNICACIÓN PÚBLICA

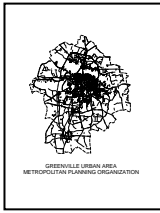
El Departamento de Justicia de regulaciones de EU, Código 28 de Regulaciones Federales, Sección 42.405, Difusión Pública del Título VI de la información, exigen que el beneficiario de la ayuda financiera del gobierno federal publique o difunda la información del programa a los medios de comunicación. Los anuncios deben indicar que el programa es un programa de igualdad de oportunidades y / o indicar que la ley federal prohíbe la discriminación. Además, deben tomarse pasos razonables para publicar la información en los idiomas de la población a la cual servirán, o que puedan ser directamente afectadas por los proyectos de transporte.

La Organización Metropolitana de Planificación de Greenville (Greenville Urban Area MPO) notifica públicamente que es política del MPO asegurar el pleno cumplimiento del Título VI del Acta de Derechos Civiles de 1964, la Ley de Restauración de Derechos Civiles de 1987, la

COG-#1031816-v1-Agenda_TCC_Sept_21_2016

Orden Ejecutiva 12898 Dirección Federal de Acciones para la Justicia Ambiental en Poblaciones minoritarias y poblaciones de bajos ingresos, la Orden Ejecutiva 13166 Mejorar el acceso a los Servicios para Personas con Inglés Limitado, y de los estatutos y reglamentos relacionados con la no discriminación en todos los programas y servicios. El MPO está comprometido a ofrecer oportunidades de participación significativa en sus programas, servicios y actividades a las minorías, poblaciones de bajos recursos y personas que no dominan bien el idioma Inglés. Además, reconocemos la necesidad de evaluar el potencial de impactos a estos grupos a través del proceso de toma de decisiones, así como la obligación de evitar, minimizar y mitigar impactos adversos en los que son desproporcionadamente altos. Es política del MPO que ninguna persona en los Estados Unidos, por motivos de raza, color, sexo, edad, nivel de ingresos, origen nacional o discapacidad sea excluido de la participación en, sea negado los beneficios de, o sea de otra manera sujeto a discriminación bajo cualquier programa, actividades o servicios para los que el MPO recibe asistencia financiera federal.

Cualquier persona que crea haber sido maltratada por una práctica discriminatoria ilegal en virtud del Título VI tiene derecho a presentar una queja formal con NCDOT. Cualquier queja debe ser por escrito o en persona con el Ciudad de Greenville, Public Works--Engineering, MPO Title VI Coordinator, 1500 Beatty St, Greenville, NC 27834, dentro de los ciento ochenta (180) días siguientes a la fecha en que ocurrió la supuesta discriminación. Los formatos de quejas por discriminación del Título VI pueden obtenerse en la Oficina de Public Works sin costo alguno o, o a través de Internet en www.greenvillenc.gov.



Attachment 1

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Minutes from May 3, 2016 TCC meeting

Purpose: Review and approve the minutes from the previous TCC meeting.

Discussion: The draft minutes of the May 3, 2016 TCC meeting are included as Attachment 1 in the agenda package for review and approval by the TCC.

Action Needed: Adoption of May 3, 2016 TCC meeting minutes.

Attachments: May 3, 2016 TCC meeting minutes.

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC) MINUTES
February 10, 2016**

Members of the Technical Coordinating Committee met on the above date at 1:30 p.m. at City Hall in Conference Room 337. Mr. Alan Lilley, TCC Vice-Chairperson, called the meeting to order. The following attended the meeting:

Mr. Kevin Mulligan, City of Greenville
 Mr. Alan Lilley, Town of Winterville
 Mr. Rik DiCesare, City of Greenville
 Ms. Barbara Lipscomb, City of Greenville
 Mr. Merrill Flood, City of Greenville
 Mr. Scott Godefroy, City of Greenville
 Mr. Lamont Jackson, City of Greenville
 Mr. James Rhodes, Pitt County
 Mr. Jonas Hill, Pitt County
 Mr. Michael Taylor, Pitt County
 Ms. Allison Swart, Pitt County
 Mr. Stephen Penn, Town of Winterville
 Mr. Stephen Smith, Town of Ayden
 Mr. Steve Hamilton, NCDOT
 Mr. Beshad Norowzi, NCDOT
 Mr. Jeff Cabaniss, NCDOT
 Mr. Haywood Daughtry, NCDOT
 Mr. William Bagnell, ECU
 Mr. Billy Marley, FHWA

OTHERS PRESENT:

Mr. Daryl Vreeland, City of Greenville
 Ms. Amanda Braddy, City of Greenville

I. AGENDA

A motion was made by Mr. Lilley to approve the agenda as presented. The motion was seconded by Mr. Godefroy and passed unanimously.

II. APPROVAL OF MINUTES OF FEBRUARY 10, 2016 MEETING

Mr. Rhodes made a motion to approve the February 10, 2016 meeting minutes as presented. Mr. Godefroy seconded the motion. The motion passed unanimously.

III. PUBLIC COMMENT PERIOD

There were no public comments

IV. NEW BUSINESS / ACTION ITEMS

A. Amendment to 2016-2025 Transportation Improvement Program (TIP) to modify project: U-5875 (Allen Road widening)

Mr. Vreeland explained that the Allen Road widening project has been accelerated to ROW from FY22 to FY20 and construction from FY24 to FY22. With this acceleration, the project is considered committed and is no longer required to be a part of the prioritization process.

A motion was made by Mr. Rhodes to recommend the modification to the TAC for adoption. The motion was seconded by Mr. DiCesare and passed unanimously.

B. Amendment to FY 2017 UPWP (program additional fund for Non-Motorized Master Plan and East Coast Greenway Feasibility Study)

Mr. Vreeland stated the PWP requires amendment to program additional planning funds for two projects for the development of the Non-Motorized Master Plan estimated at \$50,000 and the development of an East Coast Greenway feasibility study estimated at \$70,000. The net increase to the PWP's balance would be \$120,000.

Mr. Rhodes asked about the Southwest Bypass study and if any changes to the UPWP would affect this study. Mr. Vreeland stated Federal funding is still available in FY17; however, the City of Greenville would have to provide up front funding and receive the monies back. The funds have not been allocated in the City of Greenville's budget for FY17. Mr. Rhodes stated funding could potentially be pushed to FY18 and requested funding be included at that time for the study.

A motion was made by Mr. Rhodes to recommend the amendment for additional planning funds to the UPWP to TAC for adoption. Mr. Daughtry provided a second to the motion and the motion passed unanimously.

C. Update of latest bicycle and pedestrian counts on local greenway

Mr. Vreeland directed attention to the charts in the agenda package with bicycle and pedestrian counts on the local greenways. This was provided for informational purposes and no action was required.

D. Updates regarding DOT Transportation projects within the MPO

Mr. Cabaniss provided handout with a list of current projects with the Greenville MPO. This handout will be available with the May 3, 2016 meeting minutes.

E. Regional projects point assignment

Mr. Vreeland explained that assigning points is a two phase process with the second phase occurring in three steps. Phase 1 is the identification of candidate projects which occurred in October 2015. Phase 2 is scoring and determination of funding of those projects. The steps in Phase 2 are:

Step 1: score and determine funding for Statewide projects (already completed)

Step 2: score and determine funding for Regional Impact projects (underway)

Step 3: score and determine funding for Division Needs projects (next round of MPO meetings)

Mr. Vreeland stated the GUAMPO has 1,300 points available to assign. The list of available projects for funding in the regional area totals 1,176. Therefore, all regional projects have been assigned the total maximum allowable points.

A motion was made by Mr. Rhodes to recommend TAC adopt the assigned point schedule as presented for Regional Impact projects. Mr. DiCesare seconded the motion and the motion passed unanimously.

V. ANY OTHER DISCUSSION ITEMS

- **National Association of Chronic Disease Directors grant to attend Action Institute to Increase Walking and Walkability.**

Mr. Rhodes informed members that Pitt County was one of ten recipients of the grant and attended the Action Institute to Increase Walking and Walkability. Mr. Rhodes stated the training would benefit the steering committee for the Non-Motorized Master Plan. Mr. Rhodes stated one recommendation is to revisit the name of that plan to Active Master

Transportation Plan.

Ms. Cabaniss stated he felt the focus of environmental, economic, and health benefit discussions at the training were beneficial as well.

- **Bicycle/Pedestrian Greenway (Non-Motorized) Master Plan Update**

Mr. Vreeland stated Greenville City Council approved a contract to begin the study for the master plan. Mr. Vreeland has made contact with individuals to serve on the steering committee. Representatives from City Commissions, Vidant, ECU, and GUAMPO members will serve on the steering committee.

VI. 2016 MPO MEETING SCHEDULE (all at Greenville City Hall Conference Room 337 at 1:30pm)

- **TCC**

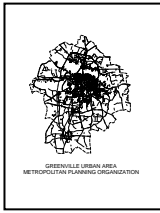
- **February 10, May 3, September 21**

- **TAC**

- **February 24, May 18, October 4**

VII. ADJOURN

With no other business or discussions, Mr. Lilley made a motion to adjourn the meeting. A second was made by Mr. Godefroy and the meeting was adjourned.



Attachment 4a

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Modifications to the 2014-2040 Metropolitan Transportation Plan (MTP) for the Arlington Blvd access management project

Purpose: Consider modification to the MPO's long range transportation plan update (called the Metropolitan Transportation Plan, or MTP) for the Arlington Boulevard access management project.

Discussion: The 2014-2040 MTP was originally adopted on August 5, 2014, and updated on August 25, 2015. The Arlington Blvd project ranks highly in the SPOT system, and thus has a probability of being programmed in the STIP. Currently, the project termini is noted as Firetower Road. This modification changes the termini from Firetower Road to Old Firetower Road, to match the termini as the project placed in the SPOT system.

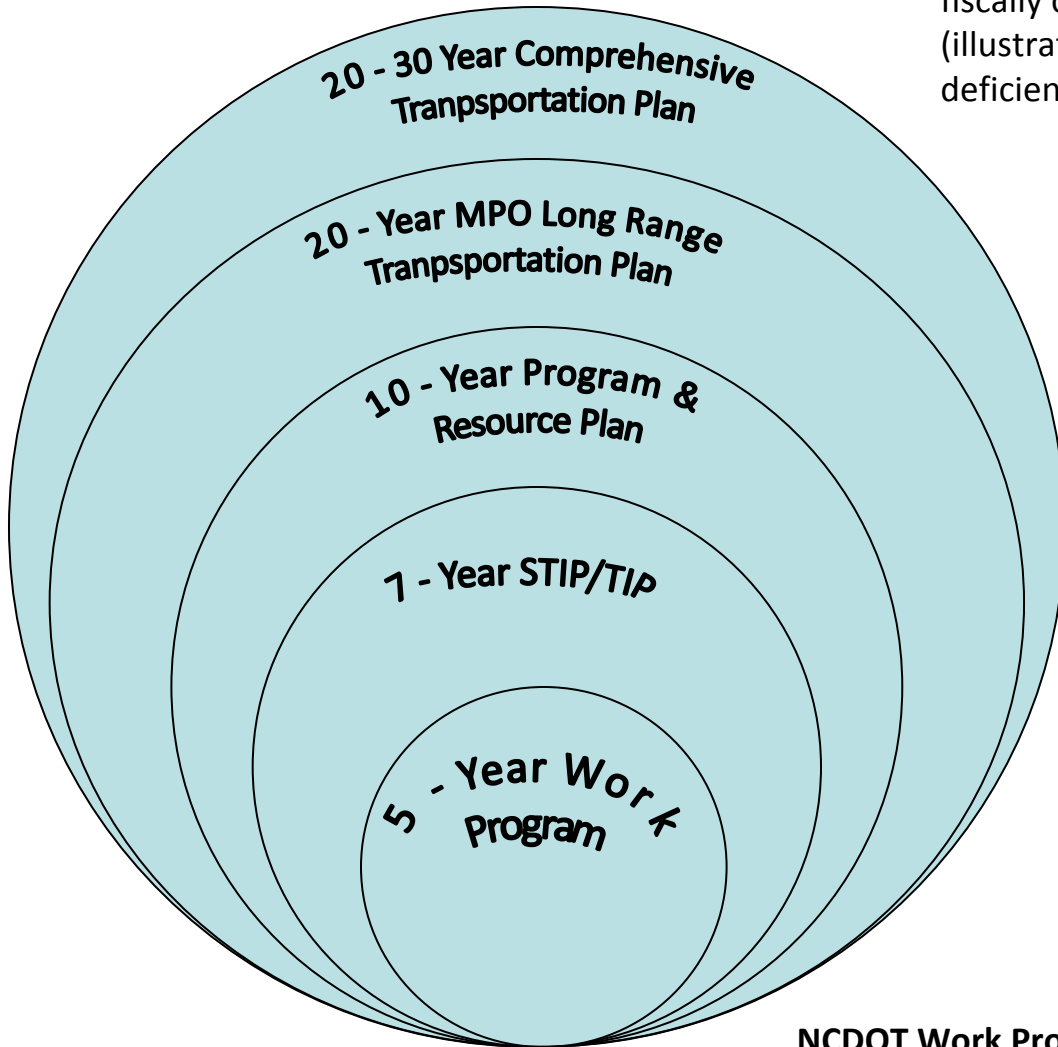
This change adheres to the limitations established by the MTP's fiscal constraint requirement.

MPO staff advertised a public comment period for at least 45 days, from July 4, 2016 to August 22, 2016. No comments were received.

Action Needed: TCC recommend TAC adopt resolution 2016-05-GUAMPO to modify the 2014-2040 MTP as described above.

Attachments:

Resolution 2016-05-GUAMPO, modifying the MTP as describe above.
Comments received during public comment period.



Comprehensive Transportation Plan (CTP)

Required by NC §136-66.2. In MPOs, includes **20 year** fiscally constrained LRTP and any additional projects (illustrative or vision) required to address FY transportation deficiencies

Long Range Transportation Plan (LRTP)

Required by Title 23 CFR 450. MPOs are required to develop a **20 year** fiscally constrained LRTP. Approved locally and submitted to FHWA. In non-attainment areas, projects have to be broken up by AQ budget horizon years. AQ conformity is demonstrated on the LRTP.

NCDOT Program and Resource Plan

10 year Work Program adopted by NCDOT that includes all projects, programs and services

NCDOT STIP and MPOs TIP

Seven Year Transportation Improvement Program (TIP) adopted by NCDOT and submitted to FHWA for approval biennially. FHWA reviews and approves years 1-4. For Non-attainment areas outside MPOs, the STIP serves as the LRTP for conformity determination purposes.

NCDOT Work Program

5 year Work Program adopted by NCDOT that includes all projects, programs and services. Includes first five years of STIP.

RESOLUTION NO. 2016-05-GUAMPO**ADOPTING MODIFICATIONS TO THE GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION 2014-2040 METROPOLITAN TRANSPORTATION PLAN (MTP)**

WHEREAS, a comprehensive, cooperative, and continuing transportation planning process must be carried out in order to insure that funds for transportation projects are effectively allocated to the Greenville Urban Area;

WHEREAS, the Technical Coordinating Committee and the Transportation Advisory Committee for the Urban Area have adopted a 2014-2040 Metropolitan Transportation Plan for the Urban Area originally adopted August 5, 2014 and modified August 25, 2015 ; and

WHEREAS, the modifications involve changing the termini of the Arlington Boulevard access management project From Firetower Road to Old Firetower Road:

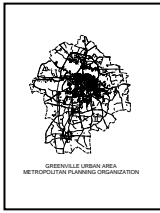
- Old description
 - Arlington Blvd from W. 5th St to Firetower Rd.
- New description
 - Arlington Blvd from W. 5th St to Old Firetower Rd.

WHEREAS, a 45-day public comment period for the 2014-2040 Metropolitan Transportation Plan was conducted, in accordance with the MPO's adopted Public Involvement Policy.

NOW THEREFORE, BE IT RESOLVED that the Metropolitan Planning Organization Transportation Advisory Committee hereby adopts the modifications to the 2014-2040 Metropolitan Transportation Plan. **Today, October 4, 2016.**

Mayor Allen Thomas, Chairman
Transportation Advisory Committee
Greenville Urban Area

Amanda Braddy, Secretary



Attachment 4b

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Assign points to DIVISION transportation projects in accordance with the MPO's adopted prioritization process.

Purpose: To assign points to DIVISION transportation projects in accordance with the MPO's adopted prioritization process.

Discussion: The submission (and scoring) of projects to NCDOT is a 2 phase process, with the second phase occurring in 3-steps. Phase 1 is the identification of candidate projects (Oct, 2015). Phase 2 is the scoring of those projects:

- Step 1: score and determine funding for Statewide projects (already completed)
- Step 2: score and determine funding for Regional Impact projects (completed)
- Step 3: score and determine funding for Division Needs projects (underway)

NCDOT first calculates the quantitative scores on the MPO's previously-submitted projects, and makes them available. Then, the MPO assigns points to their projects, based upon their adopted prioritization process.

To recap:

1. first, the MPO must submit points for REGIONAL projects to NCDOT (completed)
2. NCDOT will then calculate and make known the programmed Regional Impact projects. (completed)
3. NCDOT will then ask the MPO's to assign points to Division Needs projects. (underway)

Regional projects that have been identified for draft funding status in the next STIP are:

- a) PGV airport – Apron expansion, Draft Const. in FY24
- b) PGV airport – T-Hangar site preparation and access road, Draft Const. in FY27
- c) NC102 @ Ayden Elementary School – Right Turn lane – Draft ROW in FY23, draft Const FY25
- d) Greenville citywide signal system – Draft ROW in FY23, Draft Const. in FY25

The MPO will be prioritizing for Division-needs eligible projects that could be programmed in years 2021-2027.

For Region B (Division 2 and 3), there is approximately \$274M available for programming Regional Impact projects, while there is about \$136M available for Division Needs projects within Division 2.

When assigning points to candidate projects submitted for NCDOT's funding consideration, the MPO uses a NCDOT-approved process for assigning local input points based on a combination of quantitative and qualitative data in accordance with the Strategic Transportation Investment State Law (Session Law 2013-183/House Bill 817). The MPO adopted a NCDOT-approved prioritization process on November 19, 2015.

For this MPO, there will be:

- a total of 1300 points that can be distributed over all modes for regional projects, and
- a total of 1300 points that can be distributed over all modes for division-level projects.

NCDOT emphasizes openness, transparency, and public input. NCDOT states that "public comments must be taken, listened, and incorporated into the final scoring". MPO staff has advertised a 10-day public comment period. Any comments received will be attached to this agenda item, and attached to the same item for TAC's consideration and review.

Currently, the MPO will be awarding DIVISION points. The DIVISION-eligible list is attached, and, by law, includes those higher-tier project (Statewide and Regional).

The MPO's scoring methodology for each mode of transportation (roadway, bike/ped, rail, transit, and aviation) is explained in the adopted prioritization process.

Local match for selected transportation projects: If the following projects are funded, the local match required is as follows (these estimates are subject to change per material and labor costs as/when bids are received) (Does not include sidewalk costs incidental to roadway projects)

Municipality	Project	Local match required
Greenville	Town common to River Park north greenway	\$566,000
Greenville	Citywide signal system upgrade	\$1,003,950
Winterville	Mill St (Main St to Boyd St) sidewalk project	\$52,000
Greenville	S. Tar River Greenway, Ph 2 (to the east)	\$1,064,000
Winterville	Ange St sidewalk project (Primrose to Windmill)	\$88,000
Ayden	NC102 (NC11 to Lee St) sidewalk project	\$90,000
Greenville	South Tar River Greenway, Ph 3B (NC11 west to VA hospital)	\$440,000

As a reminder, NCDOT's quantitative criteria:

For bike/ped projects (all Division Needs projects): **25% MPO local input**, 25% Division Rank

- 50% quantitative data:
 - Safety=15%
 - Access=10%
 - Demand=10%
 - Connectivity=10%
 - Cost-Effectiveness=5%

Highway projects (the MPO's adopted alternative criteria shown)

Regional impact projects (Divisions 2 and 3) = **15% MPO Rank**, 15% Division Rank

- 70% quantitative data:
 - 10% Benefit-Cost
 - 10% Congestion
 - 10% Accessibility/Connectivity
 - 25% Safety
 - 10% Freight
 - 5% Multimodal

Division needs = 25% MPO Rank, 25% Division Rank

- 50% quantitative data:
 - 10% Congestion
 - 10% Accessibility
 - 20% Safety
 - 5% Freight
 - 5% Multimodal

Draft Points and Staff Recommendation

Attached is the draft point assignment based upon the prioritization criteria vs MPO staff recommendation.

MPO staff's recommendation is based on the following strategy:

- a) Minimize points on projects that have very little chance of funding.
- b) Maximize points on projects that have a better chance of funding.
- c) Keep some points on all desired projects, as there is a possibility that it would help with carry-over to the next prioritization cycle.

To maximize the amount of funds that could potentially go towards projects within the MPO, staff recommends placing 97 points on the Mill St sidewalk project (about \$208k), and place the 3 points that were removed to a different project. Doing this prioritizes the greenway project (Town Common to River Park North connector estimated at \$2.2M) over the Mill St sidewalk project. This proposed ranking order would bring in an order of magnitude more funding to the MPO compared to not modifying the point assignment. This is the reason for the staff recommendation. There is always a possibility that both projects may be funded, depending upon what projects other MPO/RPO's place points on.

Also, TCC may consider placing no points on the following projects with the reasons detailed below:

- 1) (A130271) PGV Airport – Visual Nav aids project
 - a) Only the top 4 highest-rated non-highway projects will receive points. If the Division does not intend to place points on this project (due to it not ranking amongst the highest 4 non-highway projects), it's in the MPO's best interest to use the points on a highway project that has a better chance of receiving points from the Division office.
- 2) (H141637) NC903 from NC11 to Greene County Line – resurface and widen road to 26'
 - a) Road is currently under construction (resurfacing and widen to 22 ft.), which may preclude the necessity of this project. If the MPO feels this project is no longer needed, then it's in their best interest to not assign points on this project and use the points for a different project.

NCDOT's Division's strategy is to award points to the top 4-ranked non-highway projects (that also receive points from their respective RPO/MPO's. The top 5 non-highway projects include the Town Common-River Park North connector trail and the Mill St sidewalk project. Division-wide, there are 2 more bike/ped projects that are ranked higher than those from this MPO. Thus, the following bike/ped projects within this MPO have no chance of receiving points from the Division. Points from these projects could be placed on lower-cost projects that at least have a chance of funding, in hopes that their low cost might give the project a competitive edge.

Thus, for the following 3 projects, the rationale for staff's recommendation is:

- 1) (B150334) S. Tar River Greenway Ph3B
- 2) (B140603) Ange St sidewalk
- 3) (B150736) NC102 from NC11 to Lee St sidewalk project

- Project's ranking is lower than the top 4 or 5 non-highway projects, division-wide. The Division's strategy is to place points only on 4-highest ranked non-highway projects, and these projects rank well below the top 4, providing no opportunity for the project to receive Division points. Staff recommends not placing points on these projects, and using the points for different projects.

Staff recommend TCC consider placing remaining points on the MPO's lowest cost intersection or turn-lane projects in hopes they may be able to be funded.

Action Needed: TCC recommend a local point assignment of Division Needs projects for TAC's consideration.

Attachments:

- Prioritization 4.0 schedule of key dates
- Timeline showing years subject to prioritization
- Point assignment as described by the MPO's adopted prioritization process vs staff recommendation.
- All division 2 Division Needs-eligible projects, ordered by division score
- Any other back-up material, for reference purposes

Revised P4.0 Schedule of Key Dates

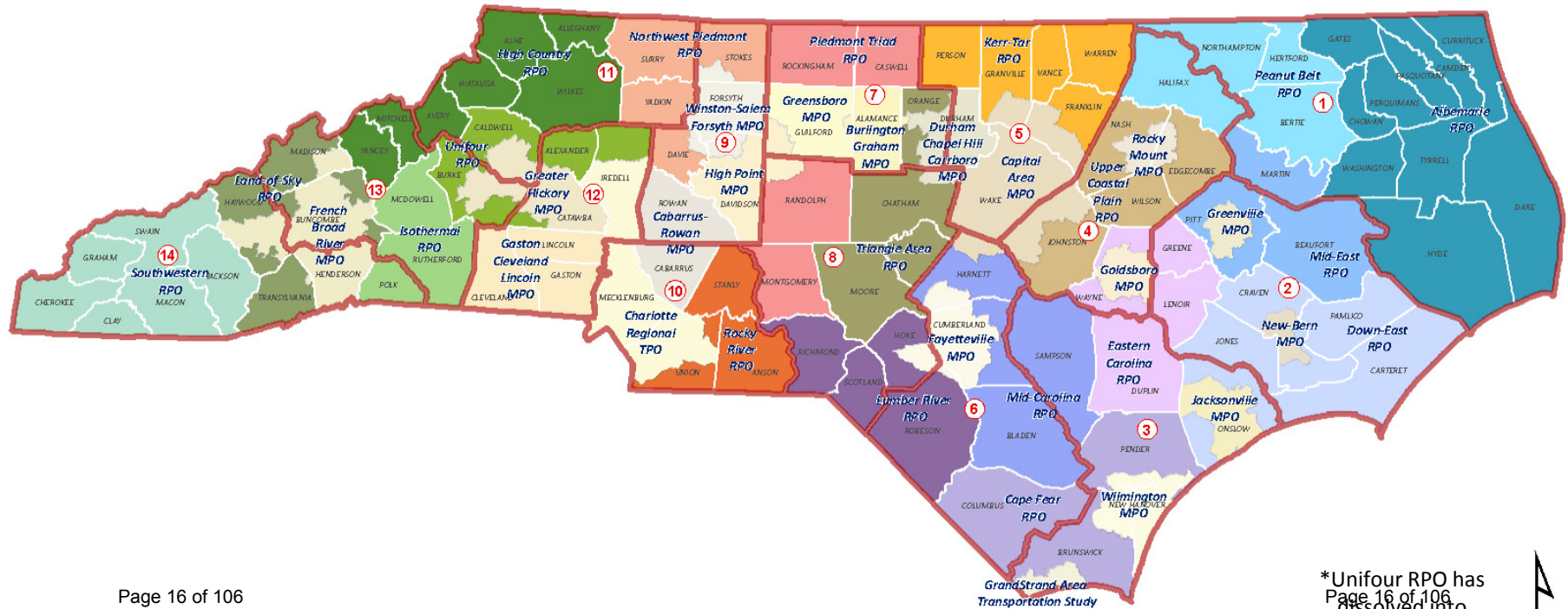
Date	Activity
April 13, 2016	Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released
April 18, 2016 – July 29, 2016	Regional Impact Local Input Points assignment window open (Division Needs Local Input Points optional)
August 2016	NCDOT calculates Regional Impact total scores and programs Regional Impact projects
September – October 2016	Division Needs Local Input Point window opens for 2 months
November 2016	NCDOT calculates Division Needs total scores and programs Division Needs projects
December 2016	NCDOT prepares 2018-2027 Draft STIP
January 2017	2018-2027 Draft STIP released

Updated April 19, 2016

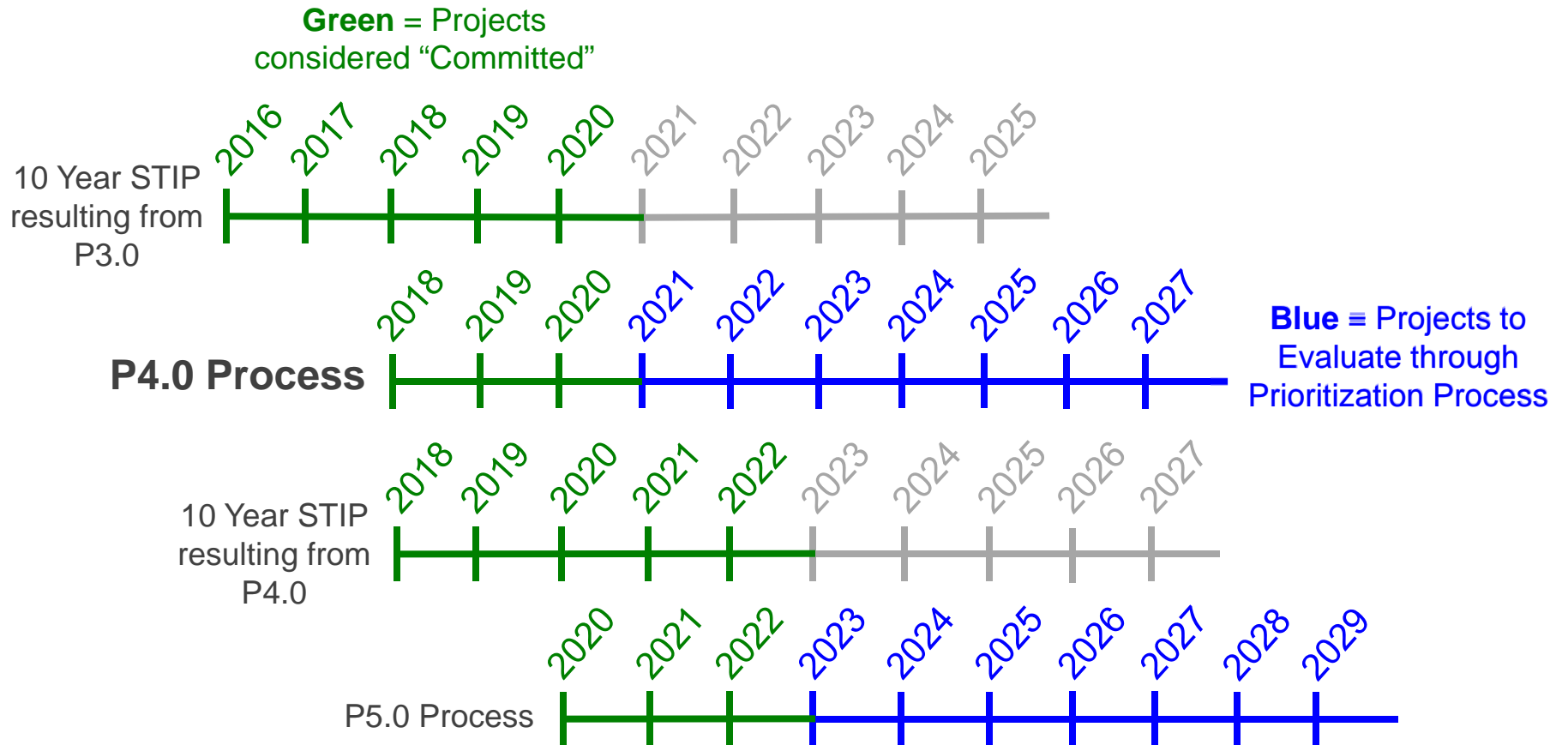
Background

Key Partners, as shown on colorful map below, include:

- 19 Metropolitan Planning Organizations (MPOs)
- 18 Rural Planning Organizations (RPOs)
- 14 Field Offices (Divisions)



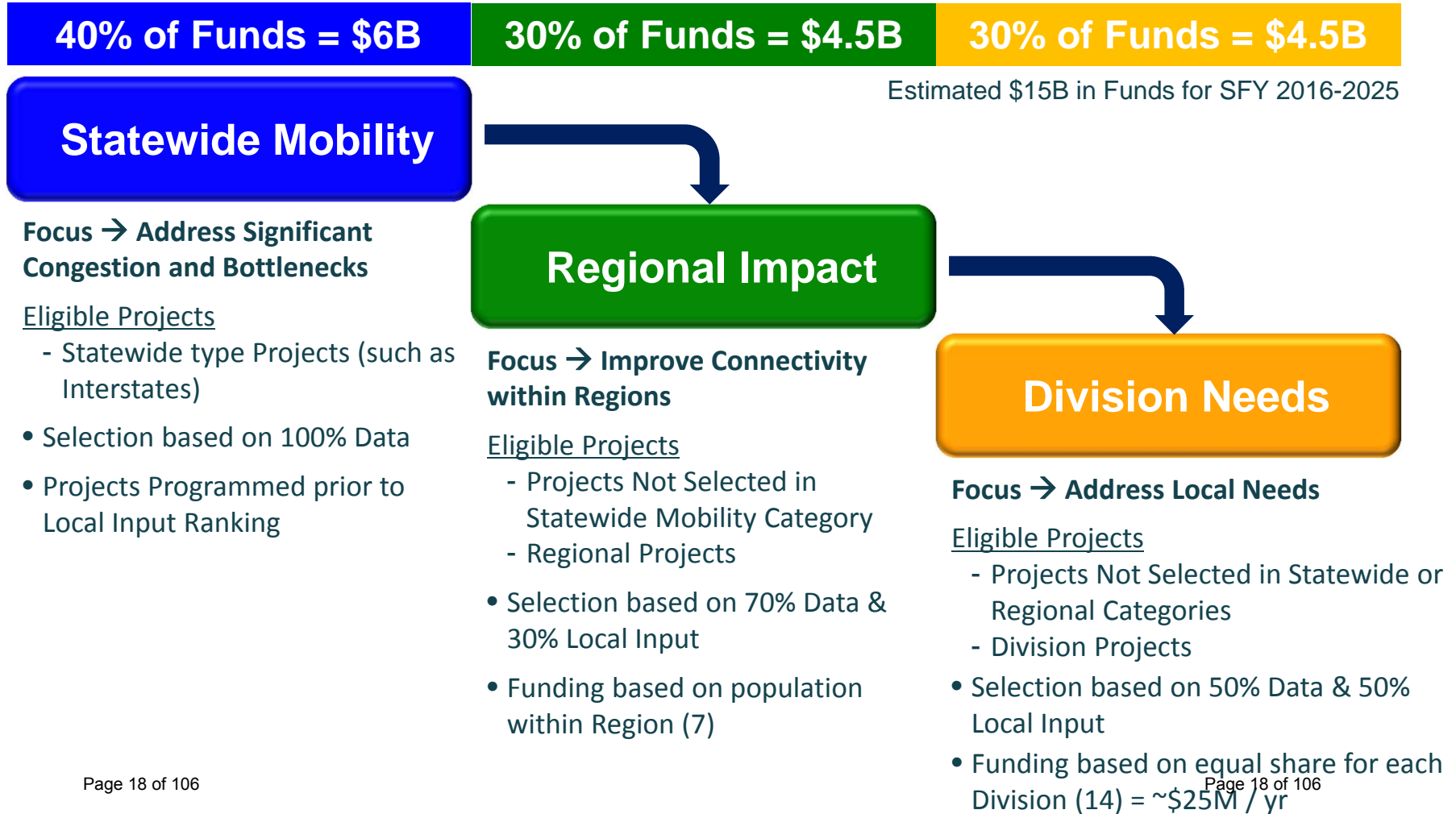
Committed Projects / Years Subject to Reprioritization



Notes

- Committed projects based on first Right-of-Way OR Construction date in Final STIP
- Committing based on R/W also locks in future construction dollars
- Commits projects based on first year STI dollars are programmed
- Applies to all modes
- Provides stability – low potential for sunk PE costs if priorities change

How the STI Works



SPOT ID	TIP	Project Category	Route	From / Cross Street	To	Description	Specific Improvement Type
H150343		Regional Impact	Greenville Citywide Signal System			Upgrade existing signal system hardware and replace fiber optic infrastructure, install additional detection/camera/counting hardware at selected intersections, provide infrastructure backbone for future signals.	13 - Citywide Signal System
H090640		Regional Impact	NC 102	Ayden Elementary School		Construct right turn lane on NC 102 WB into Ayden Elementary School	10 - Improve Intersection
H150862		Regional Impact	NC 11	Proposed Greenville Southwest Bypass	Proposed Harvey Parkway Extension	Upgrade Roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway
H090636		Regional Impact	NC 43	SR 1708 (Firetower Rd)	SR 1711 (Worthington Road)	Widen Existing 2-Lane and 3-Lane Roadway to a Multi-Lane Urban Section Facility including Sidewalk, Landscaping, and Bicycle Improvements	1 - Widen Existing Roadway
H090224-C	R-3407C	Regional Impact	NC 33	NC 222 at Belvoir Crossroads	US 264 Bypass	Widen to Multi-Lanes	1 - Widen Existing Roadway
H141637		Regional Impact	NC 903	NC 11	Greene Co line	Widen roadway from 20 feet to 26 feet and resurface	16 - Modernize Roadway
H150861		Regional Impact	NC 11, US 13	US 264 Bypass	US 64	Upgrade roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway
H141004		Regional Impact	NC 11	SR 1108 (Littlefield Rd)		Upgrade at-grade intersection	10 - Improve Intersection
H142101		Statewide Mobility	US 264	US 264 bypass	US 264 east of Leggett Road	Upgrade to freeway standards	2 - Upgrade Arterial to Freeway/Expressway
H150417		Regional Impact	NC 43	SR 1737 Edward's Farm Rd		Construct right turn lane and left turn lane on NC 43 at the intersection with SR 1737 Edward's Farm Rd	10 - Improve Intersection
H141716		Statewide Mobility	US 264	Wilson County Line	US 264 Bypass in Greenville	Upgrade roadway to interstate standards	17 - Upgrade Freeway to Interstate Standards

First MPO/RPO	First MPO/RPO %	Second MPO/RPO	Second MPO/RPO %	Third MPO/RPO	Third MPO/RPO %	First Division	First Division %	Second Division	Second Division %
Greenville Urban Area MPO	100					02	100		
Greenville Urban Area MPO	100					02	100		
East Carolina RPO	58	Mid-East RPO	35	Greenville Urban Area MPO	7	02	100		
Greenville Urban Area MPO	100					02	100		
Greenville Urban Area MPO	50	Mid-East RPO	50			02	100		
Greenville Urban Area MPO	98	Mid-East RPO	2			02	100		
Mid-East RPO	71	Greenville Urban Area MPO	25	Upper Coastal Plain RPO	4	02	96	04	4
Greenville Urban Area MPO	50	Mid-East RPO	50			02	100		
Mid-East RPO	75	Greenville Urban Area MPO	25			02	100		
Greenville Urban Area MPO	100					02	100		
Mid-East RPO	55	East Carolina RPO	24	Greenville Urban Area MPO	21	02	100		

	A	B	C	D	E	F	G	H	I	J	AF	AG	AH	AI	AJ	AK
1																
2	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px; background-color: red; color: white; text-align: center;">Clear Search</div> <div style="background-color: yellow; padding: 5px; text-align: center; font-weight: bold;">Prioritization 4.0 Scores for All Projects with Regional Impact Local</div> <div style="font-size: 0.8em;"> Projects in blue text are funded in the Statewide Mobility category. Projects not fully funded in the Statewide Mobility category are eligible to receive local input points (see column W) </div> </div>															
3	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px; background-color: purple; color: white; text-align: center;">Mode Search</div> <div style="border: 1px solid black; padding: 2px; background-color: blue; color: white; text-align: center;">Statewide Mobility Scores</div> <div style="border: 1px solid black; padding: 2px; background-color: green; color: white; text-align: center;">Regional Impact Scores by Region</div> <div style="border: 1px solid black; padding: 2px; background-color: orange; color: white; text-align: center;">Division Needs Scores by Division</div> <div style="border: 1px solid black; padding: 2px; background-color: lightblue; color: white; text-align: center;">MPO/RPO Search</div> <div style="border: 1px solid black; padding: 2px; background-color: lightblue; color: white; text-align: center;">County Search</div> </div>										Projects in green text are funded in the Regional Impact category. Projects not fully funded in the Region Impact category are eligible to receive local input points (see column W)					
4																
5																
6																
7	SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	DIVISION NEEDS Quantitative Score (Out of 50)	DIVISION NEEDS Local Input Points - MPO/RPO (out of 100 - 25% of total score)	DIVISION NEEDS Local Input Points - Division Engineer (out of 100 - 25% of total score)	DRAFT MPO Score (50% NCDOT Div needs score, 50% MTP consistency)	DRAFT MPO DIVISION Points per methodology (25%)	STAFF RECOMMENDATION DIVISION Points
46	B150577	BikePed		Division Needs	SR 1149 (Mill St)	SR 1133 (Main St)	SR 1126 (Boyd St)	Construct sidewalk on west side of roadway. Construct associated signing and marking, handrail, curb and gutter, and other street improvements where needed in order to facilitate sidewalk construction.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 208,000	37.07	0.00	0.00	87.07	100	97
47	B150863	BikePed		Division Needs	Town Common to River Park North connector trail	Town Common at Greene Street (SR 1531)	River Park North	Construct Greenway / multi-use trail. Will include combination of bicycle facility and sidewalk, boardwalk, paved multi-use path, retaining wall, HAWK signal, and related improvements as needed.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 2,264,000	36.46	0.00	0.00	86.46	100	100
63	A130258	Aviation	AV-5807	Regional Impact	PGV - Pitt-Greenville			Apron Expansion - Design and Construction (Concrete and Bituminous) for air carrier ramp (includes Project Request Numbers: 2538)	1200 - Aircraft Apron / Helipad Requirements	\$ 300,000	35.34	N/A	N/A	N/A	N/A	
67	H150335	Highway		Division Needs	Arlington Boulevard	NC 43 (W. 5th St)	SR 2235 (Old Firetower Road)	Widen existing cross section and construct median along Arlington Blvd with dedicated left and right turn lanes in selected locations, provide dedicated/protected bicycle lanes, construct sidewalks on both sides of roadway, provide dedicated right turn and/or dual left turn lanes at selected intersections; re-align Red banks road intersection to facilitate a safer north-south movement along Arlington Blvd; location of bus pull-out bays will be determined by transit agency in the future.	18 - Widen Existing Local (Non-State) Roadway	\$ 38,300,000	33.22	0.00	0.00	83.22	100	100
102	B140682	BikePed		Division Needs	S. Tar River Greenway Ph2	Green Mill -South Tar Connector Greenway	Near Cemetery on NC33 (Eastside Park)	Design and Construct the S. Tar River Greenway, Phase 2, from existing Green Mill/South Tar Connector Greenway to City property (Eastside Park) near cemetery on NC33, including Tar River to Hardee Creek and other neighborhood connectors	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 4,256,000	32.54	0.00	0.00	82.54	100	100
105	B150334	BikePed		Division Needs	South Tar River Greenway, Phase 3B	Terminus of Phase3A near Nash St	Moye Blvd/ Veteran's Administration bldg	Construct greenway from terminus of phase 3A near Nash St to Moye Blvd. adjacent to Veteran's Administration clinic.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,760,000	31.22	0.00	0.00	81.22	100	2
172	B140603	BikePed		Division Needs	SR 1712 Ange St	Primrose Lane	Windmill Drive	Construct sidewalk. Construct associated signing and marking, curb and gutter, and other street improvements where needed in order to facilitate sidewalk construction.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 352,000	31.20	0.00	0.00	81.20	100	2
173	B150736	BikePed		Division Needs	NC 102	NC11	SR 1149 (Lee St)	Construct new sidewalk and remove and replace existing sidewalk (and curb and gutter, as needed) along north side of NC102. Construct new handicapped accessible curb ramps as needed. Install and mark high visibility crosswalks throughout project extents. Install pedestrian-related signage.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 360,000	31.08	0.00	0.00	81.08	100	2

	A	B	C	D	E	F	G	H	I	J	AF	AG	AH	AI	AJ	AK
	SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	DIVISION NEEDS Quantitative Score (Out of 50)	DIVISION NEEDS Local Input Points - MPO/RPO (out of 100 - 25% of total score)	DIVISION NEEDS Local Input Points - Division Engineer (out of 100 - 25% of total score)	DRAFT MPO Score (50% NCDOT Div needs score, 50% MTP consistency)	DRAFT MPO DIVISION Points per methodology (25%)	STAFF RECOMMENDATION DIVISION Points
7																
407	H150343	Highway	U-5952	Regional Impact	Greenville Citywide Signal System			Upgrade existing signal system hardware and replace fiber optic infrastructure, install additional detection/camera/counting hardware at selected intersections, provide infrastructure backbone for future signals.	13 - Citywide Signal System	\$ 8,572,500	30.19	N/A	N/A	N/A	N/A	
448	H090640	Highway	U-5953	Regional Impact	NC 102	Ayden Elementary School		Construct right turn lane on NC 102 WB into Ayden Elementary School	10 - Improve Intersection	\$ 500,000	27.84	N/A	N/A	N/A	N/A	
476	H142101	Highway		Statewide Mobility	US 264	US 264 bypass	US 264 east of Leggett Road	Upgrade to freeway standards	2 - Upgrade Arterial to Freeway/Expressway	\$ 212,364,000	25.72	0.00	0.00	25.72	0	0
624	H150862	Highway		Regional Impact	NC 11	Proposed Greenville Southwest Bypass	Proposed Harvey Parkway Extension	Upgrade Roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway	\$ 194,400,000	25.03	0.00	0.00	75.03	7	7
644	H090636	Highway		Regional Impact	NC 43	SR 1708 (Firetower Rd)	SR 1711 (Worthington Road)	Widen Existing 2-Lane and 3-Lane Roadway to a Multi-Lane Urban Section Facility including Sidewalk, Landscaping, and Bicycle Improvements	1 - Widen Existing Roadway	\$ 30,200,000	24.37	0.00	0.00	74.37	100	100
782	A130266	Aviation	AV-5810	Regional Impact	PGV - Pitt-Greenville			T-Hangar Site Preparation & Access Road - Design and Construction (Includes Project Request Numbers: 3276)	1900 - Hangars	\$ 300,000	24.23	N/A	N/A	N/A	N/A	
995	H111046	Highway		Division Needs	SR 1713	NC 11	SR 1149 (Mill Street)	Laurie Ellis Rd Extension/Connector: Construct on New Location 2-Lane Roadway with Bicycle and Pedestrian Facilities. Construct intersection with NC11 Turn Lane Improvements and Traffic Light Installation	5 - Construct Roadway on New Location	\$ 2,800,000	21.97	0.00	0.00	71.97	100	100
1168	H090224-C	Highway	R-3407C	Regional Impact	NC 33	NC 222 at Belvoir Crossroads	US 264 Bypass	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 31,900,000	19.66	0.00	0.00	69.66	50	50
1256	H141637	Highway		Regional Impact	NC 903	NC 11	Greene Co line	Widen roadway from 20 feet to 26 feet and resurface	16 - Modernize Roadway	\$ 8,498,000	18.86	0.00	0.00	68.86	98	0
1258	H150861	Highway		Regional Impact	NC 11 , US 13	US 264 Bypass	US 64	Upgrade roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway	\$ 190,600,000	17.81	0.00	0.00	67.81	25	25
1304	H141004	Highway		Regional Impact	NC 11	SR 1108 (Littlefield Rd)		Upgrade at-grade intersection	10 - Improve Intersection	\$ 590,000	17.70	0.00	0.00	67.70	50	50
1329	H141716	Highway		Statewide Mobility	US 264	Wilson County Line	US 264 Bypass in Greenville	Upgrade roadway to interstate standards	17 - Upgrade Freeway to Interstate Standards	\$ 34,800,000	17.35	0.00	0.00	67.35	21	21

	A	B	C	D	E	F	G	H	I	J	AF	AG	AH	AI	AJ	AK
	SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	DIVISION NEEDS Quantitative Score (Out of 50)	DIVISION NEEDS Local Input Points - MPO/RPO (out of 100 - 25% of total score)	DIVISION NEEDS Local Input Points - Division Engineer (out of 100 - 25% of total score)	DRAFT MPO Score (50% NCDOT Div needs score, 50% MTP consistency)	DRAFT MPO DIVISION Points per methodology (25%)	STAFF RECOMMENDATION DIVISION Points
7																
1358	H090591	Highway		Division Needs	SR 1127 (Frog Level Road)	US 13 (Dickinson Avenue)	NC 903	Modernize roadway by widening existing lane width to proper standard and add Continuous 2 Way Left Turn Lane	1 - Widen Existing Roadway	\$ 22,800,000	16.65	0.00	0.00	66.65	100	100
1561	A130271	Aviation		Regional Impact	PGV - Pitt-Greenville			Visual NAVAIDS Runway 8-26 PAPIS & REILS Design and Construction (includes Project Request Numbers: 3271)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	15.36	0.00	0.00	65.36	49	2
1569	H090510	Highway	U-5006	Division Needs	SR 1708 (New Route - Firetower Road Extension)	Proposed Greenville Southwest Bypass	NC 11/903	Construct Multi-Lanes, Part on New Location	6 - Widen Existing Roadway and Construct Part on New Location	\$ 30,490,000	15.06	0.00	0.00	65.06		36
1651	H111004	Highway		Division Needs	SR 1126 (Boyd Street)	NC 11	Railroad Street	Widen to Meet tolerable Lane Width Requirements, Provide Bicycle and Pedestrian Facilities, Construct Curb and Gutter and Associated Drainage Structures, and Construct Turn Lanes to Allow the Facility to Serve As a Connector Between NC 11 and Railroad Street	16 - Modernize Roadway	\$ 5,200,000	14.86	0.00	0.00	64.86		2
1691	H150722	Highway		Division Needs	SR 1127 (Frog Level Rd)	SR 1128 Davenport Farm Rd		Construct roundabout at the intersection of SR 1127 and SR 1128	10 - Improve Intersection	\$ 1,100,000	13.88	0.00	0.00	63.88		100
1701	H141074	Highway		Division Needs	SR 1726 (Portertown Road)	SR 1727 (Eastern Pines Road)		Upgrade intersection at SR 1726 and SR 1727 to a roundabout	10 - Improve Intersection	\$ 1,300,000	13.37	0.00	0.00	63.37		100
1704	A130268	Aviation		Regional Impact	PGV - Pitt-Greenville			Airfield Drainage Improvements (includes Project Request Numbers: 2558)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	11.30	0.00	0.00	61.30		2
1832	H150417	Highway		Regional Impact	NC 43	SR 1737 Edward's Farm Rd		Construct right turn lane and left turn lane on NC 43 at the intersection with SR 1737 Edward's Farm Rd	10 - Improve Intersection	\$ 600,000	7.34	0.00	0.00	57.34		100
1868	A130267	Aviation		Regional Impact	PGV - Pitt-Greenville			Airfield Emergency Access Road Improvements; Airport is currently in the process of updating the ALP to show this project (includes Project Request Numbers: 2549)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	6.87	0.00	0.00	56.87		2
1879	H140563	Highway		Division Needs	SR 1120 (Jolly Road)	NC11	NC102	Modernize roadway to meet tolerable lane width requirements, provide bicycle and pedestrian facilities	16 - Modernize Roadway	\$ 1,700,000	4.32	0.00	0.00	54.32		100
1937														Total	1300	1300

Prioritization 4.0 Scores for All Projects with Regional Impact Local Input Points

Clear Search

Mode Search

Statewide Mobility Scores

Regional Impact Scores by Region

Division Needs Scores by Division

MPO/RPO Search

County Search

Projects in blue text are funded in the Statewide Mobility category. Projects not fully funded in the Statewide Mobility category are eligible to receive local input points (see column W)

Projects in green text are funded in the Regional Impact category. Projects not fully funded in the Region Impact category are eligible to receive local input.

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Division(s)	MPO(s)/RPO(s)	Eligible for Division Needs Local Input Points
A130258	Aviation	AV-5807	Regional Impact	PGV - Pitt-Greenville			Apron Expansion - Design and Construction (Concrete and Bituminous) for air carrier ramp (includes Project Request Numbers: 2538)	1200 - Aircraft Apron / Helipad Requirements	\$ 300,000	N/A	83.09	N/A	02	Greenville Urban Area MPO	No - Fully Funded in Regional Impact
A130266	Aviation	AV-5810	Regional Impact	PGV - Pitt-Greenville			T-Hangar Site Preparation & Access Road - Design and Construction (includes Project Request Numbers: 3276)	1900 - Hangars	\$ 300,000	N/A	71.07	N/A	02	Greenville Urban Area MPO	No - Fully Funded in Regional Impact
A130385	Aviation	AV-5808	Regional Impact	EWN - Coastal Carolina Regional			This project includes the design and construction of taxiways, taxi lanes, and apron areas to allow for the construction of hangars to accommodate General Aviation needs on newly acquired property. The existing General Aviation area has reached the physical limits of expansion needed for future growth. We have a waiting list for hangars, and this expansion will allow the airport to satisfy that demand. (includes Project Request Numbers: 3161/3157)	1240 - Corporate and T-hangar Taxiway: Construction	\$ 300,000	N/A	80.23	N/A	02	New Bern MPO	No - Fully Funded in Regional Impact
H090640	Highway	U-5953	Regional Impact	NC 102	Ayden Elementary School		Construct right turn lane on NC 102 WB into Ayden Elementary School	10 - Improve Intersection	\$ 500,000	N/A	74.36	N/A	02	Greenville Urban Area MPO	No - Fully Funded in Regional Impact
H090770	Highway	U-5713	Statewide Mobility	US 70	Neuse River Bridge	Grantham Road	Upgrade Roadway to Freeway.	2 - Upgrade Arterial to Freeway/Expressway	\$ 66,000,000	74.81	N/A	N/A	02	New Bern MPO	No - Fully Funded in Statewide Mobility
H141085	Highway	U-5713	Statewide Mobility	US 70	SR 1131 (Airport Road)		Construct overpass at the intersection with on/off ramps between US 70 and service road, Install coordinated signals at service road and side road intersections, Widen Williams Road and Airport Road, Upgrade Old Cherry Point Road and Terminal Drive and construct other connector streets	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 32,224,000	88.60	N/A	N/A	02	New Bern MPO	No - Fully Funded in Statewide Mobility
H141612	Highway	U-5713	Statewide Mobility	US 70	SR 1167 (Williams Rd)		Construct overpass at the intersection with on/off ramps between US 70 and service road, Install coordinated signals at service road and side road intersections	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 32,224,000	86.27	N/A	N/A	02	New Bern MPO	No - Fully Funded in Statewide Mobility
H150343	Highway	U-5952	Regional Impact	Greenville Citywide Signal System			Upgrade existing signal system hardware and replace fiber optic infrastructure, install additional detection/camera/counting hardware at selected intersections, provide infrastructure backbone for future signals.	13 - Citywide Signal System	\$ 8,572,500	N/A	74.51	N/A	02	Greenville Urban Area MPO	No - Fully Funded in Regional Impact

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Division(s)	MPO(s)/RPO(s)	Eligible for Division Needs Local Input Points
A130150	Aviation		Division Needs	MRH - Michael J. Smith Field			Strengthen Runway 8-26 pavement to accommodate 100,000 # DW aircraft (includes Project Request Numbers: 3024)	0605 - Pavement Strength - Runway	\$ 2,412,000	N/A	N/A	38.15	02	Down East RPO	Yes
B150577	BikePed		Division Needs	SR 1149 (Mill St)	SR 1133 (Main St)	SR 1126 (Boyd St)	Construct sidewalk on west side of roadway. Construct associated signing and marking, handrail, curb and gutter, and other street improvements where needed in order to facilitate sidewalk construction.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 208,000	N/A	N/A	37.07	02	Greenville Urban Area MPO	Yes
F130013	Ferry		Division Needs	Cedar Island - Ocracoke			Replacement Vessel - Sound Class Ferry (for M/V Silver Lake)	Replacement Vessel - Sound Class Vessel	\$ 18,000,000	N/A	N/A	36.83	01, 02	Albemarle RPO, Down East RPO	Yes
A130144	Aviation		Division Needs	MRH - Michael J. Smith Field			Expand Apron to accommodate future Aircraft growth and types (8350 SY Expansion) (includes Project Request Numbers: 3022)	1200 - Aircraft Apron / Helipad Requirements	\$ 792,698	N/A	N/A	36.64	02	Down East RPO	Yes
B150863	BikePed		Division Needs	Town Common to River Park North connector trail	Town Common at Greene Street (SR 1531)	River Park North	Construct Greenway / multi-use trail. Will include combination of bicycle facility and sidewalk, boardwalk, paved multi-use path, retaining wall, HAWK signal, and related improvements as needed.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 2,264,000	N/A	N/A	36.46	02	Greenville Urban Area MPO	Yes
H090128-B	Highway	R-2553 C	Statewide Mobility	US 70 (New Route - Kinston Bypass)	NC 148 (Harvey Parkway)	US 70 East of NC 58	Construct Freeway on New Location.	5 - Construct Roadway on New Location	\$ 130,717,000	67.28	75.93	36.25	02	East Carolina RPO	Yes - Partially Funded in Regional Impact
B150925	BikePed		Division Needs	NC 24/NC 58/Taylor Notion Road	NC 24	NC 24	Create a multi-use trail loop around the town center	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 878,126	N/A	N/A	34.81	02	Down East RPO	Yes
B150942	BikePed		Division Needs	Kinston Riverwalk Phase II	Richard Caswell Grave Road	Nelson Street	Construct off road multi-use path along the Neuse Riverbank through Downtown Kinston	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,349,600	N/A	N/A	33.97	02	East Carolina RPO	Yes
H150335	Highway		Division Needs	Arlington Boulevard	NC 43 (W. 5th St)	SR 2235 (Old Firetower Road)	Widen existing cross section and construct median along Arlington Blvd with dedicated left and right turn lanes in selected locations, provide dedicated/protected bicycle lanes, construct sidewalks on both sides of roadway, provide dedicated right turn and/or dual left turn lanes at selected intersections; re-align Red banks road intersection to facilitate a safer north-south movement along Arlington Blvd; location of bus pull-out bays will be determined by transit agency in the future.	18 - Widen Existing Local (Non-State) Roadway	\$ 38,300,000	N/A	N/A	33.22	02	Greenville Urban Area MPO	Yes
B140682	BikePed		Division Needs	S. Tar River Greenway Ph2	Green Mill - South Tar Connector Greenway	Near Cemetery on NC33 (Eastside Park)	Design and Construct the S. Tar River Greenway, Phase 2, from existing Green Mill/South Tar Connector Greenway to City property (Eastside Park) near cemetery on NC33, including Tar River to Hardee Creek and other neighborhood connectors	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 4,256,000	N/A	N/A	32.54	02	Greenville Urban Area MPO	Yes
H090780	Highway	U-5740	Statewide Mobility	US 70	Morehead City	Beaufort Causeway	Widening and Improvement of the Newport River Bridge from Morehead City to the Beaufort Causeway	1 - Widen Existing Roadway	\$ 57,401,000	63.72	71.25	32.44	02	Down East RPO	Yes
T130050	Transit		Division Needs	Beaufort Co fy16 expansion vehicle			BATS provides five demand response daily routes in Beaufort County. Other daily routes includes dialysis, medicals, senior trips, blind center trips and RGP's. The goal is to provide safe, reliable, effective, accessible transportation at an affordable cost.	1 - Expansion Vehicle	\$ 7,200	N/A	N/A	32.19	02	Mid-East RPO	Yes

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Division(s)	MPO(s)/RPO(s)	Eligible for Division Needs Local Input Points
T130051	Transit		Division Needs	Beaufort Co fy17 expansion vehicle			BATS provides five demand response daily routes in Beaufort County. Other daily routes includes dialysis, medicals, senior trips, blind center trips and RGP's. The goal is to provide safe, reliable, effective, accessible transportation at an affordable cost.	1 - Expansion Vehicle	\$ 7,200	N/A	N/A	32.19	02	Mid-East RPO	Yes
T130052	Transit		Division Needs	Beaufort Co fy18 expansion vehicle			BATS provides five demand response daily routes in Beaufort County. Other daily routes includes dialysis, medicals, senior trips, blind center trips and RGP's. The goal is to provide safe, reliable, effective, accessible transportation at an affordable cost.	1 - Expansion Vehicle	\$ 7,200	N/A	N/A	32.19	02	Mid-East RPO	Yes
H141009	Highway	U-5876	Statewide Mobility	US 70 (Arendell Street)	4th Street	SR 1175 (Radio Island Road)	Convert the existing 2-4 lane facility to a 4 lane boulevard with a new 4 lane bridge over the Newport River and a compressed diamond interchange at the intersection of US 70 and SR 1175.	1 - Widen Existing Roadway	\$ 97,400,000	64.20	40.84	31.92	02	Down East RPO	Yes
A150957	Aviation		Division Needs	ISO - Kinston Regional Jetport at Stallings Field			Construct concrete apron (500 ft x 250 ft) & taxiway to T/WA (75 ft x 300 ft) for MRO facility including landside improvements (includes Project Request number 3477)	1200 - Aircraft Apron / Helipad Requirements	\$ 6,264,000	N/A	N/A	31.87	02	East Carolina RPO	Yes
B150983	BikePed	EB-5724	Division Needs	Lawson Creek Bridge	Lourenco Park at the end of First Street	Lawson Park	Timber footbridge linking downtown New Bern and its historical and commercial attractions with Lourenco Park, Lawson Creek Park, the Planned River History Park and River History Marina	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 368,000	N/A	N/A	31.46	02	New Bern MPO	Yes
B141420	BikePed	EB-5727	Division Needs	US 17 (Dr. Martin Luther King, Jr Boulevard)	NC 55	Trent Creek Road	MLK Jr. Boulevard Path. A multi-use path that will provide pedestrian and bicycle access along the city primary commercial corridor. This multi-use path will connect the New Bern downtown CBD and schools with major commercial corridor	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,839,200	N/A	N/A	31.36	02	New Bern MPO	Yes
B150935	BikePed		Division Needs	Pine Knoll Blvd.	NC 58 (Salter Path Road)	Roosevelt Blvd.	Construct sidewalk on west side of road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 111,160	N/A	N/A	31.27	02	Down East RPO	Yes
B150334	BikePed		Division Needs	South Tar River Greenway, Phase 3B	Terminus of Phase3A near Nash St	Moye Blvd/ Veteran's Administration bldg	Construct greenway from terminus of phase 3A near Nash St to Moye Blvd. adjacent to Veteran's Administration clinic.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,760,000	N/A	N/A	31.22	02	Greenville Urban Area MPO	Yes
B140603	BikePed		Division Needs	SR 1712 Ange St	Primrose Lane	Windmill Drive	Construct sidewalk. Construct associated signing and marking, curb and gutter, and other street improvements where needed in order to facilitate sidewalk construction.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 352,000	N/A	N/A	31.20	02	Greenville Urban Area MPO	Yes
B150736	BikePed		Division Needs	NC 102	NC11	SR 1149 (Lee St)	Construct new sidewalk and remove and replace existing sidewalk (and curb and gutter, as needed) along north side of NC102. Construct new handicapped accessible curb ramps as needed. Install and mark high visibility crosswalks throughout project extents. Install pedestrian-related signage.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 360,000	N/A	N/A	31.08	02	Greenville Urban Area MPO	Yes
B150930	BikePed		Division Needs	NC 58 (Salter Path Road)	Pine Knoll Blvd.	Pelican Drive East	Construct sidewalk on north side of NC 58	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 557,520	N/A	N/A	30.50	02	Down East RPO	Yes
B150917	BikePed		Division Needs	NC 58 (East Fort Macon Road)	Tar Landing Road	Fort Macon State Park	construct sidewalk to connect existing town sidewalk to trail system on state park property	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 129,680	N/A	N/A	30.46	02	Down East RPO	Yes

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B150933	BikePed		Division Needs	NC 58 (Salter Path Road)	Arborvitae Drive	Mimosa Blvd.	Construct sidewalk on north side of road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 112,800	N/A	N/A	30.08	02	Down East RPO	Yes
B151012	BikePed		Division Needs	SR 1299 (Canterbury Road)	Highland Avenue	Windsor Drive	Canterbury Road North - Construct sidewalks from Highland Avenue to Windsor Drive. Pedestrian refuge and crosswalk at Bangert Elementary and Pedestrian refuge and crosswalk at Devonshire Drive and Canterbury Road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 100,000	N/A	N/A	30.04	02	New Bern MPO	Yes
H090795-B	Highway	R-5777A	Statewide Mobility	US 70	Taberna Way		Convert at-grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 52,200,000	70.69	43.60	29.94	02	New Bern MPO	Yes - Partially Funded in Statewide Mobility
F130001	Ferry		Division Needs	Statewide: Support Vessel			Replacement Vessel (Support Fleet) for Tugs & Barges Tugs: Albemarle, Dare, & Buxton Jr. - Barges: Fuel Barge(NC-2), Pipeline Barge(NC-1), Equipment Barge(NC-3); includes Albemarle RPO, Down East RPO, Cape Fear RPO, Mid-East RPO, and Wilmington MPO	Replacement Vessel (Support Fleet)	\$ 10,745,000	N/A	N/A	29.45	01, 02, 03	Albemarle RPO, Down East RPO, Cape Fear RPO, Mid-East RPO, Wilmington MPO	Yes
F130006	Ferry		Division Needs	Cherry Branch - Minnesott			Replacement Vessel - River Class Ferry (for M/V Kinnakeet)	Replacement Vessel - River Class Ferry	\$ 13,000,000	N/A	N/A	29.36	02	Down East RPO	Yes
B150936	BikePed		Division Needs	Roosevelt Blvd.	Pine Knoll Blvd.	NC Aquarium	Construct sidewalk on south side of road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 181,352	N/A	N/A	28.94	02	Down East RPO	Yes
H090684	Highway		Regional Impact	NC 58 (King Old Boulevard)	US 13	Chelsea Drive	Widen Existing Two Lane Road to Three Lanes with access management improvements.	1 - Widen Existing Roadway	\$ 28,600,000	N/A	51.48	28.59	02	East Carolina RPO	Yes
H090795-C	Highway		Statewide Mobility	US 70	West Thurman Road / East Thurman Road		Convert at-grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 51,700,000	50.53	68.54	28.44	02	New Bern MPO	Yes
H150505	Highway	R-2301-B	Statewide Mobility	US 17 (New Route - New Bern Bypass)	US 70	US 17 (North of NC 43)	Construct Freeway on part new location and part existing	6 - Widen Existing Roadway and Construct Part on New Location	\$ 187,300,000	49.16	42.38	28.41	02	Down East RPO, New Bern MPO	Yes
H090081-BA	Highway	R-2301BA	Statewide Mobility	US 17 (New Route - New Bern Bypass)	US 70	SR 1400 (River Road)	Construct Multi-lanes on New Location.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 113,300,000	48.25	37.62	28.38	02	New Bern MPO, Down East RPO	Yes
H090081-BB	Highway	R-2301BB	Statewide Mobility	US 17 (New Route - New Bern Bypass)	SR 1400 (River Road)	US 17 (North)	Construct Multi-lanes, Part on New Location, Part on Existing Roadway	6 - Widen Existing Roadway and Construct Part on New Location	\$ 49,648,000	48.25	37.62	28.38	02	Down East RPO	Yes
H090223-B	Highway	R-3403B	Statewide Mobility	US 17	North of SR 1433 (Antioch Road)	NC 43	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 36,200,000	51.77	71.98	28.34	02	Down East RPO, New Bern MPO	Yes
H090405	Highway	U-3431	Division Needs	SR 1763 (Miller Boulevard)	SR 1756 (Lake Road)	Outer Banks Drive	SR 1756 (Lake Road) to Outer Banks Drive. Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 35,031,000	N/A	N/A	27.99	02	Down East RPO	Yes
H141229	Highway		Regional Impact	US 13 BYP	NC 58 (Kingold Blvd)	NC 91	Widen from 2 lanes to 3 lanes with a center turn lane	1 - Widen Existing Roadway	\$ 6,300,000	N/A	39.18	27.95	02	East Carolina RPO	Yes

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H090103-A	Highway	R-2513A	Statewide Mobility	US 17	NC 43	SR 1438 (Spruill town Road)	SR 1438 (Spruill town Road) to South of SR 1127 (Possum Track Road). Widen to Multi-Lanes. Section A: NC 43 to SR 1438 (Spruill town Road). Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 14,700,000	53.11	40.21	27.15	02	Down East RPO	Yes
H129127	Highway	R-4463A	Regional Impact	NC 43	US 17	US 70	Construct Roadway on New Location	5 - Construct Roadway on New Location	\$ 7,500,000	N/A	70.15	26.38	02	New Bern MPO	Yes
B141416	BikePed		Division Needs	SR-1220 (Racetrack Drive)	Elizabeth Avenue	Hunter's Landing Drive	Construct sidewalks along road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,056,000	N/A	N/A	26.34	02	New Bern MPO	Yes
H150851	Highway		Regional Impact	NC 55 (Neuse Blvd)	US 17 Bus./MLK		Construct Roundabout	10 - Improve Intersection	\$ 1,700,000	N/A	69.91	26.27	02	New Bern MPO	Yes
B150920	BikePed		Division Needs	SR 1113 (Old Highway 58)	NC 24	SR 1114 (VFW Road)	Construct multi-use trail	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 408,735	N/A	N/A	26.10	02	Down East RPO	Yes
H150962	Highway		Statewide Mobility	US 70	Jim Sutton Road/Willie Measley Road		Convert at grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 16,000,000	53.27	71.07	26.03	02	East Carolina RPO	Yes
H090433	Highway	U-3618	Division Needs	New Route - Carey Road Extension	SR 1572 (Rouse Road)	US 258	Construct Multi-Lanes on New Location	5 - Construct Roadway on New Location	\$ 13,340,000	N/A	N/A	25.77	02	East Carolina RPO	Yes
H142101	Highway		Statewide Mobility	US 264	US 264 bypass	US 264 east of Leggett Road	Upgrade to freeway standards	2 - Upgrade Arterial to Freeway/Expressway	\$ 212,364,000	46.49	64.33	25.72	02	Mid-East RPO, Greenville Urban Area MPO	Yes
H090795-F	Highway		Statewide Mobility	US 70	SR 1104 (Stately Pines Rd)		Convert at-grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 37,000,000	48.22	51.47	25.43	02	New Bern MPO	Yes
H111202-B	Highway		Regional Impact	US 258	SR 1101 (Browtown Road)	SR 2010 (C.F. Harvey Parkway)	Widen to Multi-Lanes on Existing Location	1 - Widen Existing Roadway	\$ 47,091,000	N/A	38.27	25.29	02	East Carolina RPO	Yes
B150937	BikePed		Division Needs	Pine Knoll Blvd.	Roosevelt Blvd.	Municipal Circle	Construct sidewalk on west side of road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 118,576	N/A	N/A	25.19	02	Down East RPO	Yes
H150862	Highway		Regional Impact	NC 11	Proposed Greenville Southwest Bypass	Proposed Harvey Parkway Extension	Upgrade Roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway	\$ 194,400,000	N/A	46.36	25.03	02	East Carolina RPO, Mid-East RPO, Greenville Urban Area MPO	Yes
H150880	Highway		Regional Impact	NC 58 (West Fort Macon Road)	Atlantic Beach Causeway		Add additional right turn lane from Atlantic Beach Causeway onto West Fort Macon Road	10 - Improve Intersection	\$ 500,000	N/A	70.88	24.79	02	Down East RPO	Yes
H150498	Highway		Regional Impact	US 13	SR 1572 (Saulston Road)	SR 1700 (Rodell Barrow Road)	Widen to multi-lanes	1 - Widen Existing Roadway	\$ 40,080,000	N/A	62.57	24.79	04, 02	Goldsboro Urban Area MPO, East Carolina RPO	Yes
A130386	Aviation		Regional Impact	EWN - Coastal Carolina Regional			The project includes the design of apron and taxiway/taxi lanes and the removal of old outdated T-hangars. This will allow the construction of new corporate/GA hangars to accommodate growth. This project will allow expansion of the current apron and allow construction of modern corporate and General Aviation hangars. (includes Project Request Numbers: 3164/3165)	1900 - Hangars	\$ 300,000	N/A	56.52	24.63	02	New Bern MPO	Yes

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H090784	Highway	R-5727	Division Needs	New Route - Bridges Street Extension	Existing Bridges Street	SR 1147 (McCabe Rd)	Extension of Bridges Street to the Vicinity of Newport.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 43,152,000	N/A	N/A	24.42	02	Down East RPO	Yes
H150884	Highway		Division Needs	SR 1175 (Bridges Street)	SR 1243 (Barbour Road)		realign offset cross streets to 4 way intersection	21 - Realign Offset Intersections	\$ 580,000	N/A	N/A	24.41	02	Down East RPO	Yes
H090779	Highway		Statewide Mobility	US 70	SR 1175 (Radio Island Road)		Compressed Diamond intersection Located at the Highway 70 Entrance to Radio Island	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 32,800,000	61.44	34.98	24.41	02	Down East RPO	Yes
H141164	Highway		Regional Impact	US 13 , US 258	NC 91	US 258 Split	From the US 13 Bypass to the intersection of the proposed US 258 Bypass, upgrade to a 4-lane divided boulevard. From the proposed US 258 Bypass to the US 13/US 258 split, improve to a 4-lane median-divided expressway.	2 - Upgrade Arterial to Freeway/Expressway	\$ 47,600,000	N/A	37.29	24.38	02	East Carolina RPO	Yes
H090636	Highway		Regional Impact	NC 43	SR 1708 (Firetower Rd)	SR 1711 (Worthington Road)	Widen Existing 2-Lane and 3-Lane Roadway to a Multi-Lane Urban Section Facility including Sidewalk, Landscaping, and Bicycle Improvements	1 - Widen Existing Roadway	\$ 30,200,000	N/A	49.12	24.37	02	Greenville Urban Area MPO	Yes
H150825	Highway		Regional Impact	NC 58 (Emerald Drive)	Bogue Inlet Drive		install a mini-roundabout in place of the signalized intersection with raised, planted medians and curb and gutter improvements for 875 feet on north side of NC 58 and 700 feet on south side of NC 58	10 - Improve Intersection	\$ 350,000	N/A	68.86	24.21	02	Down East RPO	Yes
H090795-A	Highway		Statewide Mobility	US 70	Grantham Road	Havelock Bypass	Upgrade Roadway to Freeway and Construct Service Roads	2 - Upgrade Arterial to Freeway/Expressway	\$ 181,800,000	58.70	47.64	24.07	02	New Bern MPO	Yes
H111202-A	Highway		Regional Impact	US 258	NC 58 (Kingold Blvd)	SR 1101 (Browntown Road)	Widen to Multi-Lanes on Existing Location	1 - Widen Existing Roadway	\$ 44,357,000	N/A	35.93	24.04	02	East Carolina RPO	Yes
H150881	Highway		Regional Impact	US 70 (Live Oak Street)	NC 101		Construct one lane roundabout	10 - Improve Intersection	\$ 1,100,000	N/A	69.12	23.95	02	Down East RPO	Yes
B141251	BikePed		Division Needs	SR 1200 (Chelsea Road)	SR 1200 (Country Club Road)	Country Club Drive	Construct Sidewalks and provide 5' wider shoulder on one side	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 387,200	N/A	N/A	23.84	02	New Bern MPO	Yes
H150932	Highway		Regional Impact	NC 55 (First Street/Country Club Drive)	NC 55 (Neuse Boulevard)	Pembroke Avenue	Road Diet - Reduce the number of lanes along NC-55 from four to three between Pembroke Avenue and Neuse Boulevard, provide incidental side walks on both sides and striped bicycle lanes on both sides	1 - Widen Existing Roadway	\$ 540,000	N/A	46.91	23.79	02	New Bern MPO	Yes
H090128-AB	Highway	R-2553 B	Statewide Mobility	US 70	West of SR 1522 (Albert Suggs Road)	NC 148 (Harvey Parkway)	Upgrade Roadway to Freeway.	3 - Upgrade Expressway to Freeway	\$ 55,880,000	48.55	37.67	23.78	02	East Carolina RPO	Yes
A130378	Aviation		Division Needs	OCW - Warren Field			Includes construction of a new 6 unit T-Hangar, Site Preparation, and necessary taxiway located south of the existing T- Hangar development. The airport requests the ability to reserve FY 17, 18, and 19 Vision 100 Funds to complete this project. (includes Project Request Numbers: 2672)	1900 - Hangars	\$ 504,000	N/A	N/A	23.49	02	Mid-East RPO	Yes
H090102	Highway	R-2511	Statewide Mobility	US 17	Washington Bypass North of NC 171	Multi-Lanes South of Williamston	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 72,100,000	33.85	62.14	23.28	01, 02	Mid-East RPO	Yes

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A130379	Aviation		Division Needs	OCW - Warren Field			Project incudes design and construction of new 100' x 100' maintenance hangar. The existing hangar was damaged during the tornado that hit the airport in 2012. The airport request the ability to reserve FY 14,15 and 16 vision 100 Funds to complete this project. (Includes Project Request Numbers: 3003)	1900 - Hangars	\$ 585,000	N/A	N/A	23.09	02	Mid-East RPO	Yes
H090795-D	Highway		Statewide Mobility	US 70	West Camp Kiro Road / East Camp Kiro Road		Convert at-grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 47,800,000	54.22	49.58	22.97	02	New Bern MPO	Yes
H090412	Highway	U-3448	Division Needs	SR 1278 (Trent Road)	US 17 (Martin Luther King, Jr. Boulevard)	SR 1215 (Simmons Street)	US 17 (Martin Luther King, Jr. Boulevard) to SR 1215 (Simmons Street). Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 24,469,000	N/A	N/A	22.76	02	New Bern MPO	Yes
A130384	Aviation		Regional Impact	EWN - Coastal Carolina Regional			This project includes the design for a corporate area apron, taxiway, and access road to accommodate development needs for the Airport. The area was cleared of trees to remove wildlife habitat within the airport fence line. Includes the coordination with regulatory agencies in order to mitigate and acquire the permits for the land associated with the Runway 32 corporate area expansion. (includes Project Request Numbers: 3159, 3167, 3166)	1900 - Hangars	\$ 300,000	N/A	39.28	22.75	02	New Bern MPO	Yes
H090300-A	Highway	R-4746	Regional Impact	US 70 , NC 12	SR 1429 (Olga Road)	SR 1350 (Whitehurst Road)	Upgrade Existing Roadway.	16 - Modernize Roadway	\$ 19,400,000	N/A	35.47	22.70	02	Down East RPO	Yes
A130380	Aviation		Division Needs	OCW - Warren Field			Project involves installation of approximately 2400 LF of new gravity sewer line from the intersection of Airport Road and Market Street to the terminal area to serve existing and future corporate hangar tenants and the maintenance hangar. (includes Project Request Numbers: 3002)	1900 - Hangars	\$ 306,000	N/A	N/A	22.69	02	Mid-East RPO	Yes
H150411	Highway		Regional Impact	NC 24	at Manatee Rd		improve intersection	10 - Improve Intersection	\$ 2,000,000	N/A	37.28	22.62	02	Down East RPO	Yes
T150372	Transit		Regional Impact	Urban ADA/Demand Response improvements			Purchase 2 additional vehicles for Urban Demand Response and/or ADA Paratransit expanded services in FY 2018	1 - Expansion Vehicle	\$ 9,100	N/A	47.19	22.54	02	New Bern MPO	Yes
T150839	Transit		Regional Impact	Urban ADA/Demand Response improvements			Acquire two (2) additional expansion vehicles for Demand Response and/or ADA Complementary Paratransit Service in Urban Area for FY 2019	1 - Expansion Vehicle	\$ 9,100	N/A	32.49	22.54	02	New Bern MPO	Yes
H090688-A	Highway		Regional Impact	US 258	SR 1400 (Four Way Road)	NC 123	Modernize US 258, Widen to Twenty-Four Feet, Construct Paved Shoulders, Provide Turn Lanes at Various Locations and Realign Where Appropriate.	16 - Modernize Roadway	\$ 3,700,000	N/A	38.01	22.52	02	East Carolina RPO	Yes
H090943	Highway		Division Needs	SR 1131 (Airport Loop)	Airport Rd.	US 70	Add Paved Shoulder.	16 - Modernize Roadway	\$ 1,200,000	N/A	N/A	22.40	02	New Bern MPO	Yes
H150847	Highway		Regional Impact	US 17 BUS(Dr. Martin Luther King Blvd)	US 70	West of Trent Creek Road (Future NC 43)	Limit turning movements of cross-streets- Request the Congestion Management Team recommend an appropriate concept based on their expertise	4 - Upgrade Arterial to Superstreet	\$ 39,520,000	N/A	43.92	22.38	02	New Bern MPO	Yes
H150885	Highway		Statewide Mobility	US 17 (Main Street)	NC 58 (8th Street)		Install one lane roundabout	10 - Improve Intersection	\$ 1,000,000	42.03	46.79	22.15	02	Down East RPO	Yes
H150820	Highway		Regional Impact	NC 58 (Emerald Drive)	SR 1000 (Coast Guard Road)		install roundabout with an extension of right turn lane on southbound NC 58	10 - Improve Intersection	\$ 802,000	N/A	65.29	22.10	02	Down East RPO	Yes

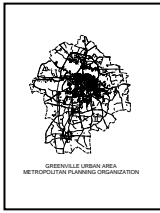
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H090795-E	Highway		Statewide Mobility	US 70	Fisher Ave		Convert at-grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 17,600,000	56.79	51.22	22.01	02	New Bern MPO	Yes
H111046	Highway		Division Needs	SR 1713	NC 11	SR 1149 (Mill Street)	Laurie Ellis Rd Extension/Connector: Construct on New Location 2-Lane Roadway with Bicycle and Pedestrian Facilities. Construct intersection with NC11 Turn Lane Improvements and Traffic Light installation	5 - Construct Roadway on New Location	\$ 2,800,000	N/A	N/A	21.97	02	Greenville Urban Area MPO	Yes
A130147	Aviation		Division Needs	MRH - Michael J. Smith Field			Currently, Hangars are at 100% occupancy. Additional hangars are needed to meet demand. (includes Project Request Numbers: 3023)	1900 - Hangars	\$ 1,080,000	N/A	N/A	21.84	02	Down East RPO	Yes
H150821	Highway		Regional Impact	NC 58 (Emerald Drive)	Loon Street		install roundabout	10 - Improve Intersection	\$ 802,000	N/A	65.18	21.76	02	Down East RPO	Yes
H090128-AA	Highway	R-2553 A	Statewide Mobility	US 70	Existing Freeway near LaGrange	SR 1522 (Albert Suggs Road)	Upgrade Roadway to Freeway.	3 - Upgrade Expressway to Freeway	\$ 52,287,000	45.42	35.73	21.61	02	East Carolina RPO	Yes
H142138	Highway		Regional Impact	US 17	Main Street	US 17 bypass	Upgrade existing facility to a four lane boulevard with curb and gutter	11 - Access Management	\$ 16,900,000	N/A	47.46	21.57	02	Mid-East RPO	Yes
H090233	Highway		Statewide Mobility	US 264 (New Route - Washington Northern Bypass)	US 264 east of Leggett Road	US 264 at Ashbury Church Road	Construct Multi-lanes on New Location	5 - Construct Roadway on New Location	\$ 202,044,000	34.29	39.94	21.38	02	Mid-East RPO	Yes
H090359	Highway	U-2723	Division Needs	SR 1501 (Old Bath Highway)	SR 1306 (12th Street)	SR 1507 (Slatestone Road)	SR 1306 (12Th Street) to SR 1507 (Slatestone Road). Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 19,937,000	N/A	N/A	21.14	02	Mid-East RPO	Yes
H090292	Highway	R-4721	Statewide Mobility	NC 24	NC 58		Convert at-Grade intersection to interchange	7 - Upgrade At-grade Intersection to Interchange or Grade Separation	\$ 35,400,000	51.90	31.76	21.11	02	Down East RPO	Yes
H090103-B	Highway	R-2513B	Statewide Mobility	US 17	SR 1438 (Spruill Town Road)	SR 1637 (Mill Pond Road)	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 22,600,000	40.38	31.77	20.88	02	Down East RPO	Yes
H150506	Highway		Statewide Mobility	NC 24	NC 58		Add additional dedicated right turn lane from NC 24 east onto NC 58 south, NC 58 north onto NC 24 east, from NC 24 west onto NC 58 north and NC 58 south onto NC 24 west. Add additional travel lane on NC 58 south from intersection south to the Emerald Isle bridge and add additional travel lane on NC 58 from the Emerald Isle bridge to the intersection.	10 - Improve Intersection	\$ 4,600,000	61.62	64.84	20.84	02	Down East RPO	Yes
H140016	Highway		Regional Impact	US 70	NC 101	SR 1429 (Olga Road)	Eliminate some driveways, eliminate left turns in some areas, install a median in some locations, and improve some of the intersections.	11 - Access Management	\$ 16,500,000	N/A	28.89	20.76	02	Down East RPO	Yes
H150883	Highway		Regional Impact	US 70 (Live Oak Street)	SR 1310 (Lennoxville Road)		Install one lane roundabout at intersection	10 - Improve Intersection	\$ 1,100,000	N/A	34.59	20.69	02	Down East RPO	Yes
H090224-C	Highway	R-3407C	Regional Impact	NC 33	NC 222 at Belvoir Crossroads	US 264 Bypass	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 31,900,000	N/A	43.44	19.66	02	Greenville Urban Area MPO, Mid-East RPO	Yes
H090103-E	Highway	R-2513E	Statewide Mobility	US 17	SR 1130 (C.C. Road)	South of SR 1127 (Possum Track Road)	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 23,400,000	40.03	46.42	19.21	02	Mid-East RPO	Yes
B141591	BikePed		Division Needs	Taberna Connector	Wilcox Road	Airport Road	Construct bike path that connects the Carolina Colours community through Taberna to the Airport Loop Bike Path	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,436,000	N/A	N/A	19.04	02	New Bern MPO	Yes

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Division(s)	MPO(s)/RPO(s)	Eligible for Division Needs Local Input Points
H141637	Highway		Regional Impact	NC 903	NC 11	Greene Co line	Widen roadway from 20 feet to 26 feet and resurface	16 - Modernize Roadway	\$ 8,498,000	N/A	41.66	18.86	02	Greenville Urban Area MPO, Mid-East RPO	Yes
H090103-D	Highway	R-2513D	Statewide Mobility	US 17	SR 1646 (Mile Road) in Craven County	SR 1130 (C.C. Road) in Beaufort County	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 25,100,000	24.99	25.10	18.52	02	Down East RPO	Yes
H150861	Highway		Regional Impact	NC 11 , US 13	US 264 Bypass	US 64	Upgrade roadway to Interstate Standards.	3 - Upgrade Expressway to Freeway	\$ 190,600,000	N/A	38.11	17.81	02, 04	Mid-East RPO, Greenville Urban Area MPO, Upper Coastal Plain RPO	Yes
H141004	Highway		Regional Impact	NC 11	SR 1108 (Littlefield Rd)		Upgrade at-grade intersection	10 - Improve Intersection	\$ 590,000	N/A	47.76	17.70	02	Greenville Urban Area MPO, Mid-East RPO	Yes
H090053-C	Highway	R-2204C	Regional Impact	NC 11	South of Pink Hill in Duplin County	NC 11 North of Pink Hill in Lenoir County	Widen to Four Lanes Divided with directional crossovers and u-turns with a Bypass of Pink Hill on New Location	5 - Construct Roadway on New Location	\$ 29,664,000	N/A	32.63	17.55	03, 02	East Carolina RPO	Yes
F130014	Ferry		Division Needs	Cedar Island - Ocracoke			Replacement Vessel - Sound Class Ferry (for M/V Carteret)	Replacement Vessel - Sound Class Vessel	\$ 18,000,000	N/A	N/A	17.54	01, 02	Albemarle RPO, Down East RPO	Yes
H141716	Highway		Statewide Mobility	US 264	Wilson County Line	US 264 Bypass in Greenville	Upgrade roadway to interstate standards	17 - Upgrade Freeway to Interstate Standards	\$ 34,800,000	28.97	38.65	17.35	02	Mid-East RPO, East Carolina RPO, Greenville Urban Area MPO	Yes
H150522	Highway		Regional Impact	US 70 (Cedar Street)	US 70 Live Oak St		construct roundabout at the intersection of Cedar St and Live Oak St	10 - Improve Intersection	\$ 1,540,000	N/A	31.90	17.35	02	Down East RPO	Yes
H090776-B	Highway		Division Needs	SR 1005	SR 1302 (Janiero Road)	NC 55	Widen, Resurface, and Straighten Alignment at Strategic Locations.	16 - Modernize Roadway	\$ 2,964,000	N/A	N/A	17.07	02	Down East RPO	Yes
H090170	Highway	R-2601	Regional Impact	US 264	NC 32	NC 99 at Belhaven	NC 32 to NC 99 at Belhaven. Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 201,500,000	N/A	25.54	16.88	02	Mid-East RPO	Yes
H090591	Highway		Division Needs	SR 1127 (Frog Level Road)	US 13 (Dickinson Avenue)	NC 903	Modernize roadway by widening existing lane width to proper standard and add Continuous 2 Way Left Turn Lane	1 - Widen Existing Roadway	\$ 22,800,000	N/A	N/A	16.65	02	Greenville Urban Area MPO	Yes
H090224-B	Highway	R-3407B	Regional Impact	NC 33	NC 42 at Scott's Crossroads	NC 222 at Belvoir Crossroads	Widen to Multi-Lanes	1 - Widen Existing Roadway	\$ 65,000,000	N/A	36.87	16.55	02, 04	Mid-East RPO, Upper Coastal Plain RPO	Yes
H090128-CA	Highway	R-2553 D	Statewide Mobility	US 70	US 70 East of NC 58	East of SR 1002 (Wyse Fork Road)	Upgrade Roadway to Freeway.	3 - Upgrade Expressway to Freeway	\$ 71,244,000	26.95	25.79	16.50	02	East Carolina RPO, Down East RPO	Yes
H090738	Highway		Regional Impact	NC 33	NC 306	SR 1565 (Grimesland Bridge Road),	Widen roadway to three lanes	1 - Widen Existing Roadway	\$ 163,400,000	N/A	36.28	16.28	02	Mid-East RPO	Yes
H090781-A	Highway		Regional Impact	NC 55	NC 304	Alligator Creek	Utility Relocation, Modernization, Widen and Resurface, and intersection Improvements.	16 - Modernize Roadway	\$ 2,500,000	N/A	42.38	16.15	02	Down East RPO	Yes
H141644	Highway		Regional Impact	NC 101	SR 1644 (Taylor Farm Road)	SR 1163 (Laurel Road)	widen roadway from 23 feet to 28 feet and resurface	16 - Modernize Roadway	\$ 4,692,000	N/A	38.28	16.11	02	Down East RPO	Yes
H141397	Highway		Division Needs	SR 1603 (Washington Ave)	SR 1325 (Firetower Rd)	Willie Measley Road	Widen roadway to 3 lanes with part on new location	6 - Widen Existing Roadway and Construct Part on New Location	\$ 8,890,000	N/A	N/A	15.86	02	East Carolina RPO	Yes
A150956	Aviation		Division Needs	ISO - Kinston Regional Jetport at Stallings Field			Construct 171,500 sq ft hanger w/fire suppression system for MRO facility, prospect includes apron/taxiway and landside improvements (includes Project Request number 3476)	1900 - Hangars	\$ 33,404,625	N/A	N/A	15.82	02	East Carolina RPO	Yes
A150958	Aviation		Division Needs	ISO - Kinston Regional Jetport at Stallings Field			Construct 171, 500 sq ft hangar for 2 wide body or 4 narrow body aircraft, including offices, parts storage, and shop space w/ fire suppression system for MRO facility. Project to include landside improvements (includes Project Request number 3478)	1900 - Hangars	\$ 29,885,625	N/A	N/A	15.82	02	East Carolina RPO	Yes

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H140057-A	Highway		Division Needs	SR 1302 (Janiero Road)	NC 306	Dawson's Creek Bridge	Widen the entire length of SR 1302 (Janiero Rd) from the existing 18-ft width to a 24-ft standard, with a minimum shoulder width of 2 ft on both sides.	16 - Modernize Roadway	\$ 4,083,000	N/A	N/A	15.75	02	Down East RPO	Yes
H150900	Highway		Division Needs	Broad Street, Queen Street	Queen Street to Roundtree Street		Construct Roundabout - One Lane Roundabout	19 - Improve Intersection on Local (Non-State) Roadway	\$ 1,100,000	N/A	N/A	15.54	02	New Bern MPO	Yes
H090776-A	Highway		Division Needs	SR 1005	NC 306	SR 1302 (Janiero Road)	Widen, Resurface, and Straighten Alignment at Strategic Locations.	16 - Modernize Roadway	\$ 4,029,000	N/A	N/A	15.53	02	Down East RPO	Yes
R150845	Rail		Statewide Mobility	NS MAIN - GTP to MHC Mobility Corridor - New Bern Bypass			Relocation of rail corridor around New Bern	Freight rail infrastructure improvement or construction	\$ 325,000,000	36.77	23.50	15.49	02	New Bern MPO	Yes
H090688-B	Highway		Regional Impact	US 258	NC 123	Alternative US-264 (E. Marlboro Road)	Modernize US 258, Widen to Twenty-Four Feet, Construct Paved Shoulders, Provide Turn Lanes at Various Locations and Realign Where Appropriate.	16 - Modernize Roadway	\$ 1,400,000	N/A	31.88	15.46	02	East Carolina RPO, Mid-East RPO	Yes
H150879	Highway		Regional Impact	NC 58 (West Fort Macon Road)	Charlotte Avenue		Improve intersection	10 - Improve Intersection	\$ 500,000	N/A	38.88	15.44	02	Down East RPO	Yes
A130271	Aviation		Regional Impact	PGV - Pitt-Greenville			Visual NAVAIDS Runway 8-26 PAPIS & REILS Design and Construction (includes Project Request Numbers: 3271)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	N/A	41.66	15.36	02	Greenville Urban Area MPO	Yes
T142046	Transit		Regional Impact	FY2017 Urban Route			This routing will identify three (3) vehicles for the newly designated Urban Route. The service area of this project will include the city of New Bern. Use SpotID: T145046 on Connect Site for additional info.	1 - Expansion Vehicle	\$ 13,650	N/A	23.98	15.11	02	New Bern MPO	Yes
H090510	Highway	U-5006	Division Needs	SR 1708 (New Route - Firetower Road Extension)	Proposed Greenville Southwest Bypass	NC 11/903	Construct Multi-Lanes, Part on New Location	6 - Widen Existing Roadway and Construct Part on New Location	\$ 30,490,000	N/A	N/A	15.06	02	Greenville Urban Area MPO	Yes
H111004	Highway		Division Needs	SR 1126 (Boyd Street)	NC 11	Railroad Street	Widen to Meet tolerable Lane Width Requirements, Provide Bicycle and Pedestrian Facilities, Construct Curb and Gutter and Associated Drainage Structures, and Construct Turn Lanes to Allow the Facility to Serve As a Connector Between NC 11 and Railroad Street	16 - Modernize Roadway	\$ 5,200,000	N/A	N/A	14.86	02	Greenville Urban Area MPO	Yes
H090128-CB	Highway	R-2553 E	Statewide Mobility	US 70	East of SR 1002 (Wyse Fork Road)	Existing Freeway near Dover	Upgrade Roadway to Freeway.	3 - Upgrade Expressway to Freeway	\$ 63,056,000	22.24	21.37	14.82	02	Down East RPO	Yes
H090781-B	Highway		Regional Impact	NC 55	Alligator Creek	SR 1323 (E Trent Road)	Utility Relocation, Modernization, Widen and Resurface, and Intersection Improvements.	16 - Modernize Roadway	\$ 2,500,000	N/A	35.94	14.81	02	Down East RPO	Yes
H111255	Highway		Regional Impact	NC 241	SR 1115 (Bob Stroud Rd) End of Existing 4 Lanes	NC 24 (East and West of Beulaville)	Upgrade NC 11, NC 241, and NC 24 to Multi-Lanes on Partial New Location. Project includes Bypass of Pink Hill, Improving 241 South, and a Beulaville Bypass North of town from SR 1962 West of Beulaville to SR 1720 East of Beulaville.	6 - Widen Existing Roadway and Construct Part on New Location	\$ 234,000,000	N/A	25.15	14.77	03, 02	East Carolina RPO	Yes
H150068	Highway		Regional Impact	NC 43	East of Wilmar Road	US 17	Construct 2 lane bypass of Vanceboro	5 - Construct Roadway on New Location	\$ 32,600,000	N/A	18.36	14.68	02	Down East RPO	Yes
H141635	Highway		Regional Impact	NC 306	NC 33 (in Beaufort Co)	NC 55 (in Pamlico Co)	Widen roadway from 22 feet to 28 feet and resurface	16 - Modernize Roadway	\$ 9,059,000	N/A	31.05	14.47	02	Mid-East RPO, Down East RPO	Yes
B140856	BikePed		Division Needs	Lennoxville Rd	US 70 (Live Oak St)	SR 1412 (Leonda Drive)	Add paved shoulder per NCDOT guidelines with appropriate signage and improve pavements/erosion at intersections.	3 - On-Road Bicycle Facility (Bicycle)	\$ 308,154	N/A	N/A	14.35	02	Down East RPO	Yes
H090300-C	Highway	R-4746	Regional Impact	NC 12	US 70	Cedar Island Ferry Terminal	Upgrade Existing Roadway.	16 - Modernize Roadway	\$ 11,100,000	N/A	24.03	14.03	02	Down East RPO	Yes

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H150722	Highway		Division Needs	SR 1127 (Frog Level Rd)	SR 1128 Davenport Farm Rd		Construct roundabout at the intersection of SR 1127 and SR 1128	10 - Improve Intersection	\$ 1,100,000	N/A	N/A	13.88	02	Greenville Urban Area MPO	Yes
H150822	Highway		Regional Impact	NC 58 (Emerald Drive)	Mangrove Drive		install roundabout	10 - Improve Intersection	\$ 802,000	N/A	39.63	13.80	02	Down East RPO	Yes
H090103-C	Highway	R-2513C	Statewide Mobility	US 17	SR 1637 (Mill Pond Road)	SR 1646 (Mile Road)	Widen to Multi-Lanes.	1 - Widen Existing Roadway	\$ 14,000,000	20.59	18.72	13.51	02	Down East RPO	Yes
H090778-A	Highway		Regional Impact	NC 304	NC 55	SR 1217 (Lynch's Beach Loop Road)	Resurfacing and Widening Shoulders	16 - Modernize Roadway	\$ 4,062,000	N/A	19.48	13.42	02	Down East RPO	Yes
H141074	Highway		Division Needs	SR 1726 (Portertown Road)	SR 1727 (Eastern Pines Road)		Upgrade intersection at SR 1726 and SR 1727 to a roundabout	10 - Improve Intersection	\$ 1,300,000	N/A	N/A	13.37	02	Greenville Urban Area MPO	Yes
A130387	Aviation		Regional Impact	EWN - Coastal Carolina Regional			Land acquisition of approximately seven acres on Clermont road to accommodate future expansion of the airport. Joined with the property on which the old passenger terminal was located, provides easy access to Runway 4/22 and Runway 14/32. (includes Project Request Numbers: 3172	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	N/A	25.47	12.98	02	New Bern MPO	Yes
R150089	Rail		Statewide Mobility	Port of Morehead City Rail Line			Construct rail line on new location from Port property across the Newport River to Havelock	Freight rail infrastructure improvement or construction	\$ 425,176,859	27.20	17.54	11.77	02	Down East RPO	Yes
A130268	Aviation		Regional Impact	PGV - Pitt-Greenville			Airfield Drainage Improvements (includes Project Request Numbers: 2558)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	N/A	38.17	11.30	02	Greenville Urban Area MPO	Yes
H090300-B	Highway	R-4746	Regional Impact	US 70 , NC 12	SR 1350 (Whitehurst Road)	US 70	Upgrade Existing Roadway.	16 - Modernize Roadway	\$ 11,700,000	N/A	22.63	11.03	02	Down East RPO	Yes
H141636	Highway		Regional Impact	NC 102	NC 43 (in Pitt Co)	US 17 (in Beaufort Co)	widen roadway from 21 feet to 26 feet and resurface	16 - Modernize Roadway	\$ 6,427,000	N/A	14.25	10.85	02	Mid-East RPO	Yes
H090778-B	Highway		Regional Impact	NC 304	SR 1217 (Lynch's Beach Loop Road)	SR 1224 (Meekins Road)	Resurfacing and Widening Shoulders	16 - Modernize Roadway	\$ 6,320,000	N/A	14.48	10.70	02	Down East RPO	Yes
A130388	Aviation		Regional Impact	EWN - Coastal Carolina Regional			This project consists of the coordination, justification, and construction of a new Air Traffic Control Tower to replace the existing, aging structure. The airport's control tower was dedicated in 1974. It was vacated when President Reagan fired the striking air traffic controllers. It sat empty until it was put into service once again in 1999. It is a functioning, but aged structure in need of replacement. (includes Project Request Numbers: 3197)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	N/A	21.70	8.78	02	New Bern MPO	Yes
H090535	Highway		Regional Impact	NC 306	South of Pamlico River	North of Pamlico River	Construct Bridge and Approaches Across the Pamlico River in Order to Accommodate Current Existing and Future Commuter and Commercial Traffic Growth That Will Result from the Recent Issuance of a 30 Year Mining Permit For the Potash of Aurora Facility.	5 - Construct Roadway on New Location	\$ 113,762,000	N/A	7.83	7.74	02	Mid-East RPO	Yes
H150858	Highway		Division Needs	SR 1111 (Old Airport Road)	SR 1131 (Airport Road)	SR 1101 (County Line Road)	Add paved shoulder on SR 1111 (Old Airport Road) state-maintained sections of roadway between SR 1131 (Airport Road) and SR 1101 (County Line Road)	16 - Modernize Roadway	\$ 1,100,000	N/A	N/A	7.50	02	New Bern MPO	Yes
H090778-C	Highway		Regional Impact	NC 304	SR 1224 (Meekins Road)	End of Road	Resurfacing and Widening Shoulders	16 - Modernize Roadway	\$ 9,135,000	N/A	8.69	7.38	02	Down East RPO	Yes
H150417	Highway		Regional Impact	NC 43	SR 1737 Edward's Farm Rd		Construct right turn lane and left turn lane on NC 43 at the intersection with SR 1737 Edward's Farm Rd	10 - Improve Intersection	\$ 600,000	N/A	28.29	7.34	02	Greenville Urban Area MPO	Yes

SPOT ID	Mode	TIP	Project Category	Route / Facility Name	From / Cross Street	To / Cross Street	Description	Specific Improvement Type	Cost To NCDOT	Statewide Mobility Total / Quantitative Score (Out of 100)	Regional Impact Total Score (Out of 100)	Division Needs Total Score (Out of 100)	Division(s)	MPO(s)/RPO(s)	Eligible for Division Needs Local Input Points
H140057-B	Highway		Division Needs	SR 1302 (Janiero Road)	Dawson's Creek Bridge	SR 1308 (Oriental Road)	Widen the entire length of SR 1302 (Janiero Rd) from the existing 18-ft width to a 24-ft standard, with a minimum shoulder width of 2 ft on both sides.	16 - Modernize Roadway	\$ 2,631,000	N/A	N/A	7.32	02	Down East RPO	Yes
A130267	Aviation		Regional Impact	PGV - Pitt-Greenville			Airfield Emergency Access Road Improvements; Airport is currently in the process of updating the ALP to show this project (includes Project Request Numbers: 2549)	3005 - Other: Not otherwise defined in system plan objectives	\$ 300,000	N/A	35.93	6.87	02	Greenville Urban Area MPO	Yes
H140563	Highway		Division Needs	SR 1120 (Jolly Road)	NC11	NC102	Modernize roadway to meet tolerable lane width requirements, provide bicycle and pedestrian facilities	16 - Modernize Roadway	\$ 1,700,000	N/A	N/A	4.32	02	Greenville Urban Area MPO	Yes
R141386	Rail		Statewide Mobility	New			Construct rail line from Global TransPark to CSX line parallel with NC 11.	Freight rail infrastructure improvement or construction	\$ 24,000,000	1.40	4.10	0.40	02	East Carolina RPO	Yes



Attachment 4c

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Self-Certification of the Greenville Urban Area MPO's Transportation Planning Process

Purpose: To Self-Certify the MPO's transportation planning process.

Discussion: Since the Greenville Urban Area is under 200,000 in population, it is permissible for the MPO to "self-certify" by completing the attached Self Certification Checklist and providing it to NCDOT. In addition, it is necessary for the TAC to adopt a resolution certifying that our planning process is in compliance with all applicable regulations.

Attached is *Resolution 2016-06-GUAMPO* for TCC consideration and the TAC's approval.

The Self Certification Checklist has been reviewed by representatives of the Transportation Planning Branch of NCDOT and it has been determined that all information has been adequately addressed. Therefore, GUAMPO may "self-certify" the MPO planning process via this resolution

Action Needed: TCC recommend that TAC adopt Resolution 2016-06-GUAMPO.

Attachments: *Resolution 2016-06-GUAMPO*, and the Self-Certification Checklist

Metropolitan Self Certification

23 CFR 450.334

For all MPAs, concurrent with the submittal of the entire proposed TIP to the FHWA and the FTA as part of the STIP approval, the State and the MPO shall certify at least every four years that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements of:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
 - (1) Encourage and promote the safe and efficient management, operation, and development of surface transportation systems that will serve the mobility needs of people and freight and foster economic growth and development within and between States and urbanized areas, while minimizing transportation-related fuel consumption and air pollution through metropolitan and statewide transportation planning processes identified in this chapter; and
 - (2) Encourage the continued improvement and evolution of the metropolitan and statewide transportation planning processes by metropolitan planning organizations, State departments of transportation, and public transit operators as guided by the planning factors identified in subsection (h) and section 135(d).

2. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;

40 CFR part 93 - The purpose of this subpart is to implement section 176(c) of the Clean Air Act (CAA), as amended (42 U.S.C. 7401 *et seq.*), and the related requirements of 23 U.S.C. 109(j), with respect to the conformity of transportation plans, programs, and projects which are developed, funded, or approved by the United States Department of Transportation (DOT), and by metropolitan planning organizations (MPOs) or other recipients of funds under title 23 U.S.C. or the Federal Transit Laws (49 U.S.C. Chapter 53).

3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d–1) and 49 CFR part 21;

"No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." Title VI bars intentional discrimination as well as disparate impact discrimination (i.e., a neutral policy or practice that has a disparate impact on protected groups).

The Environmental Justice (EJ) Orders further amplify Title VI by providing that "each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations."

4. 49 U.S.C. 5332; prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;

A person may not be excluded from participating in, denied a benefit of, or discriminated against under, a project, program, or activity receiving financial assistance under this chapter because of race, color, creed, national origin, sex, or age.

5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109–59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;

Section 1101(b) - Except to the extent that the Secretary determines otherwise, not less than 10 percent of the amounts made available for any program under titles I, III, and V of this Act and section 403 of title 23, United States Code, shall be expended through small business concerns owned and controlled by socially and economically disadvantaged individuals.

49 CFR 26 – (a) To ensure nondiscrimination in the award and administration of DOT-assisted contracts in the Department's highway, transit, and airport financial assistance programs; (b) To create a level playing field on which DBEs can compete fairly for DOT-assisted contracts; (c) To ensure that the Department's DBE program is narrowly tailored in accordance with applicable law; (d) To ensure that only firms that fully meet this part's eligibility standards are permitted to participate as DBEs; (e) To help remove barriers to the participation of DBEs in DOT-assisted contracts; (f) To assist the development of firms that can compete successfully in the marketplace outside the DBE program; and (g) To provide appropriate flexibility to recipients of Federal financial assistance in establishing and providing opportunities for DBEs.

6. 23 CFR part 230; regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;

23 CFR part 230 - This subpart is to prescribe the policies, procedures, and guides relative to the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts, except for those contracts awarded under 23 U.S.C. 117, and to the preparation and submission of reports pursuant thereto.

(a) Direct Federal and Federal-aid highway construction projects. It is the policy of the FHWA to require that all direct Federal and Federal-aid highway construction contracts include the same specific equal employment opportunity requirements. It is also the policy to require that all direct Federal and Federal-aid highway construction subcontracts of \$10,000 or more (not including contracts for supplying materials) include these same requirements. (b) Federal-aid highway construction projects. It is the policy of the FHWA to require full utilization of all available training and skill-improvement opportunities to assure the increased participation of minority groups and disadvantaged persons and women in all phases of the highway construction industry. Moreover, it is the policy of the Federal Highway Administration to encourage the provision of supportive services which will increase the effectiveness of approved on-the-job training programs conducted in connection with Federal-aid highway construction projects

7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;

42 U.S.C. 12101 - the eliminate discrimination against individuals with disabilities.

49 CFR part 27 - the intent of section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) as amended, to the end that no otherwise qualified individual with a disability in the United States

shall, solely by reason of his or her disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. part 37 this part is to implement the transportation and related provisions of titles II and III of the Americans with Disabilities Act of 1990. No entity shall discriminate against an individual with a disability in connection with the provision of transportation service.... part 38 This part provides minimum guidelines and requirements for accessibility standards in part 37 of this title for transportation vehicles required to be accessible by the Americans With Disabilities Act (ADA) of 1990 (42 U.S.C. 1201 *et seq.*).

8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;

No person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under, any program or activity receiving Federal financial assistance.

9. Section 324 of title 23 U.S.C., regarding the prohibition of discrimination based on gender; and

No person shall on the ground of sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal assistance under this title or carried on under this title.

10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

29 U.S.C. 794 - No otherwise qualified individual with a disability in the United States, as defined in section 705(20) of this title, shall, solely by reason of her or his disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance or under any program or activity conducted by any Executive agency or by the United States Postal Service.

49 CFR part 27 - the intent of section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) as amended, to the end that no otherwise qualified individual with a disability in the United States shall, solely by reason of his or her disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

RESOLUTION NO. 2016-06-GUAMPO**CERTIFYING THE GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2017-2018**

WHEREAS, the Transportation Advisory Committee has found that the Greenville Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the Transportation Advisory Committee has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and

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

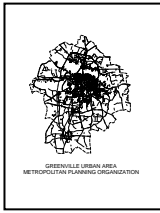
WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S.D.O.T. implementing regulations; and

WHEREAS, the Transportation Plan has a planning horizon of at least 20 years and meets all the requirements for an adequate Transportation Plan;

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area hereby certifies the transportation planning process for the Greenville Urban Area Metropolitan Planning Organization **today, October 4, 2016.**

Mayor Allen Thomas, Chairperson
Transportation Advisory Committee
Greenville Urban Area MPO

Amanda Braddy, Secretary



Attachment 4d

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: Amendment to 2016-2017 PWP

Purpose: Amend the 2016-2017 Planning Work Program (PWP) to program additional planning funds. Results in a net increase of \$30,000 to the PWP for:

1. Task 2-B-3 Special Studies -- Active Transportation Master Plan
 - Additional work to develop conceptual vision for pedestrian bridge over Tar River and associated public input (additional \$30k -- \$25k for project cost, \$5k for staff time).
2. Task 2-A-3 Transportation Modeling – add \$90k (by reducing other items totaling the same)
 - a. Task 2-A-1 Reduce \$30k
 - b. Task 2-A-2 Reduce \$5k
 - c. Task 2-B-2 Reduce \$25k
 - d. Task 3-A-2 Reduce \$5k
 - e. Task 3-B-3 Reduce \$5k
 - f. Task 3-E Remove \$20k
 - Reallocate funds so that all funds associated with the Travel Demand model update be allocated in one task code, for accounting purposes (purchase order, invoicing, etc) (no net change).

Discussion: The MPO has sufficient funds in its unobligated balance for the amendments discussed below.

Currently, the FY17 PWP has an amount of \$180k programmed for development of the Active Transportation master plan (\$140k for the consultant contract, \$40k for staff time). The City of Greenville has expressed interest in development of conceptual designs and feasibility analysis for a pedestrian bridge over the Tar River. This additional work to the Active Transportation Master Plan contract would cost approximately \$25k, with \$5k for staff time. This amendment proposes to obligate an additional amount of \$30k from the MPO's unobligated balance.

The MPO's Travel Demand Model is required to be updated every 5 years, and must begin soon and be complete well in advance of updating the MPO's long-range plan (MTP). Upon the completion of the Model update, development of a County-wide Comprehensive Transportation Plan (CTP) can begin. The MPO's portion of the CTP will be separate from the County's, but will be developed concurrently for continuity and best planning practice.

Scope of the model update includes:

- Developing 2015 base year data for all zones
- Updating Census data, employment data, verifying number of households
- Use cell-phone collection technology to update internal-internal, internal-external, and external-external trip matrices
- Use new info to isolate university trips
- Supplement data from 2006 external station survey, 1998 Greenville household survey, and 2003 Goldsboro household survey
- Recalibrate model components to new data
- Create new interim model years
- Update model network
- Expand model area to include entire County
- Validate initial model output

This update will provide more meaningful model output and bring it up to current standards. The model update is estimated at about \$120 with \$30k for staff time.

Once the Model is updated, work can begin on development of the full Comprehensive Transportation Plan (CTP).

Summary of proposed changes to FY16-17 PWP.

Task Code	Proposed action +Task Description	Current amount(\$) (TOTAL PL funds)	Proposed ADDITIONAL funds(\$)	Proposed TOTAL funding amount (\$)	Proposed funding amount (\$) (Federal 80%)
2-B-3	ADD +\$30,000 Special Studies <ul style="list-style-type: none"> • SW Bypass study • Non-motorized plan 	205,000		235,000	188,000
		25,000	(no change)		
		180,000	30,000		
2-A-3	ADD +\$90,000 Transportation Modeling	60,000	+90,000	150,000	120,000
2-A-1	Reduce -\$30,000 Networks and Support Systems	60,000	-30,000	30,000	24,000
2-A-2	Reduce -\$5,000 Travelers and Behavior	15,000	-5,000	10,000	8,000
2-B-2	Reduce -\$25,000 Regional Planning	65,000	-25,000	40,000	32,000
2-B-3	Reduce -\$5,000 Merger/Project Development	25,000	-5,000	20,000	16,000
3-A-2	Reduce -\$5,000 Metrics and Performance Measures	35,000	-5,000	30,000	24,000
3-E	Reduce -\$20,000 Management and Operations	100,000	-20,000	80,000	64,000
Totals			net +\$30,000		

There is a net change (increase of \$30,000) to funding totals as a result of the proposed modification.

These proposed modifications have been coordinated with NCDOT.

Action Needed: Recommend TAC adopt Resolution 2016-07-GUAMPO modifying the 2016-2017 PWP as described above

Attachments:

1. Comparison table detailing modifications in funding amounts
2. *Resolution 2016-7-GUAMPO*

Greenville Urban Area MPO 2016-2017 PWP

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

MODIFIED VERSION (MAY 18, 2016)

MODIFIED VERSION (Oct 4, 2016)

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning and Admin - PL			MPO Planning and Admin - PL		
			Highway / Transit		TOTAL	Highway / Transit		TOTAL
			Local 20%	Federal 80%		Local 20%	Federal 80%	
	II-A	Data and Planning Support	\$ 27,000	\$108,000	\$135,000	\$ 38,000	\$152,000	\$190,000
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	\$ 12,000	\$ 48,000	\$ 60,000	\$ 6,000	\$ 24,000	\$ 30,000
44.23.01	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	\$ 2,000	\$ 8,000	\$ 10,000
44.23.02	II-A-3	Transportation Modeling • Travel Model Update • Forecast of Data to Horizon Year • Forecast of Future Travel Patterns • Financial Planning	\$ 12,000	\$ 48,000	\$ 60,000	\$ 30,000	\$ 120,000	\$ 150,000
	II-B	Planning Process	\$ 57,000	\$228,000	\$ 285,000	\$ 58,000	\$232,000	\$ 290,000
44.23.02	II-B-1	Targeted Planning • Air Quality Planning/Conformity Analysis • Alternative Fuels/Vehicles • Hazard Mitigation and Disaster Planning • Congestion Management Strategies • Freight Movement/Mobility Planning	\$ 3,000	\$ 12,000	\$ 15,000	\$ 3,000	\$ 12,000	\$ 15,000
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	\$ 13,000	\$ 52,000	\$ 65,000	\$ 8,000	\$ 32,000	\$ 40,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		SW Bypass - Corridor / Small Area Plan	\$ 5,000	\$ 20,000	\$ 25,000	\$ 5,000	\$ 20,000	\$ 25,000
		MPO - Bike/Ped/Greenway Master Plan (Active Transportation Master Plan)	\$ 36,000	\$ 144,000	\$180,000	\$ 42,000	\$ 168,000	\$ 210,000
	III-A	Planning Work Program	\$ 12,000	\$ 48,000	\$ 60,000	\$ 11,000	\$ 44,000	\$ 55,000
44.21.00	III-A-1	Planning Work Program	\$ 5,000	\$ 20,000	\$ 25,000	\$ 5,000	\$ 20,000	\$ 25,000
44.24.00	III-A-2	Metrics and Performance Measures	\$ 7,000	\$ 28,000	\$ 35,000	\$ 6,000	\$ 24,000	\$ 30,000
	III-B	Transp. Improvement Plan	\$ 17,000	\$ 68,000	\$ 85,000	\$ 16,000	\$ 64,000	\$ 80,000
44.25.00	III-B-1	Prioritization	\$ 6,000	\$ 24,000	\$ 30,000	\$ 6,000	\$ 24,000	\$ 30,000
44.25.00	III-B-2	Metropolitan TIP	\$ 6,000	\$ 24,000	\$ 30,000	\$ 6,000	\$ 24,000	\$ 30,000
44.25.00	III-B-3	Merger/Project Development	\$ 5,000	\$ 20,000	\$ 25,000	\$ 4,000	\$ 16,000	\$ 20,000
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$ 8,000	\$ 32,000	\$ 40,000	\$ 8,000	\$ 32,000	\$ 40,000
44.27.00	III-C-1	Title VI Compliance	\$ 2,000	\$ 8,000	\$ 10,000	\$ 2,000	\$ 8,000	\$ 10,000
44.27.00	III-C-2	Environmental Justice	\$ 2,000	\$ 8,000	\$ 10,000	\$ 2,000	\$ 8,000	\$ 10,000
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ 4,000	\$ 16,000	\$ 20,000	\$ 4,000	\$ 16,000	\$ 20,000
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44.27.00	III-D	Statewide and Extra-Regional Planning	\$ 10,000	\$ 40,000	\$ 50,000	\$ 10,000	\$ 40,000	\$ 50,000
44.27.00	III-E	Management Ops, Program Support Admin	\$ 20,000	\$ 80,000	\$ 100,000	\$ 16,000	\$ 64,000	\$ 80,000
		TOTALS	\$151,000	\$604,000	\$755,000	\$ 157,000	\$ 628,000	\$ 785,000

FTA CODE	TASK CODE	Proposed modification 10/4 TASK DESCRIPTION	MPO Planning and Admin - PL104			Transit Planning - 5303				Transit-SECTION 5307				Task Funding Summary			
			Local 20%	Federal 80%	TOTAL	Local (10%)	State (10%)	Federal (80%)	Fund Total	Local	State	FTA 80%	5307 Total	Local	State	Federal	TOTAL
	II-A	Data and Planning Support	\$ 38,000	\$ 152,000	\$ 190,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 38,000	\$ 0	\$ 152,000	\$ 190,000
44.24.00	II-A-1	Networks and Support Systems	\$ 6,000	\$ 24,000	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 6,000	\$ 0	\$ 24,000	\$ 30,000
44.23.01	II-A-2	Travelers and Behavior	\$ 2,000	\$ 8,000	\$ 10,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 2,000	\$ 0	\$ 8,000	\$ 10,000
44.23.02	II-A-3	Transportation Modeling	\$ 30,000	\$ 120,000	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 30,000	\$ 0	\$ 120,000	\$ 150,000
	II-B	Planning Process	\$ 58,000	\$ 232,000	\$ 290,000	\$ 200	\$ 200	\$ 1,600	\$ 2,000					\$ 58,200	\$ 200	\$ 233,600	\$ 292,000
44.23.02	II-B-1	Targeted Planning	\$ 3,000	\$ 12,000	\$ 15,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 3,000	\$ 0	\$ 12,000	\$ 15,000
44.23.01	II-B-2	Regional Planning (CTP, MTP, etc)	\$ 8,000	\$ 32,000	\$ 40,000	\$ 200	\$ 200	\$ 1,600	\$ 2,000					\$ 8,200	\$ 200	\$ 33,600	\$ 42,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -	\$ 0	\$ 0	\$ 0	\$ 0					\$ -	\$ 0	\$ -	\$ -
		SW Bypass corridor/small area plan	\$ 5,000	\$ 20,000	\$ 25,000									\$ 5,000	\$ 0	\$ 20,000	\$ 25,000
		Bike/Ped/Greenway Master Plan	\$ 42,000	\$ 168,000	\$ 210,000									\$ 42,000	\$ 0	\$ 168,000	\$ 210,000
	III-A	Planning Work Program	\$ 11,000	\$ 44,000	\$ 55,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 11,000	\$ 0	\$ 44,000	\$ 55,000
44.21.00	III-A-1	Planning Work Program	\$ 5,000	\$ 20,000	\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 5,000	\$ 0	\$ 20,000	\$ 25,000
44.24.00	III-A-2	Metrics and Performance Measures	\$ 6,000	\$ 24,000	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 6,000	\$ 0	\$ 24,000	\$ 30,000
	III-B	Transp. Improvement Plan	\$ 16,000	\$ 64,000	\$ 80,000	\$ 200	\$ 200	\$ 1,600	\$ 2,000					\$ 16,200	\$ 200	\$ 65,600	\$ 82,000
44.25.00	III-B-1	Prioritization	\$ 6,000	\$ 24,000	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 6,000	\$ 0	\$ 24,000	\$ 30,000
44.25.00	III-B-2	Metropolitan TIP	\$ 6,000	\$ 24,000	\$ 30,000	\$ 200	\$ 200	\$ 1,600	\$ 2,000					\$ 6,200	\$ 200	\$ 25,600	\$ 32,000
44.25.00	III-B-3	Merger/Project Development	\$ 4,000	\$ 16,000	\$ 20,000	\$ 0	\$ 0	\$ 0	\$ 0					\$ 4,000	\$ 0	\$ 16,000	\$ 20,000
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$ 8,000	\$ 32,000	\$ 40,000	\$ 200	\$ 200	\$ 1,600	\$ 2,000					\$ 8,200	\$ 200	\$ 33,600	\$ 42,000
44.27.00	III-C-1	Title VI Compliance	\$ 2,000	\$ 8,000	\$ 10,000	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 2,000	\$ 0	\$ 8,000	\$ 10,000
44.27.00	III-C-2	Environmental Justice	\$ 2,000	\$ 8,000	\$ 10,000	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 2,000	\$ 0	\$ 8,000	\$ 10,000
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ 0	\$ 0	\$ 0	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 0	\$ 0	\$ 0	\$ 0
44.27.00	III-C-4	Planning for the Elderly	\$ 0	\$ 0	\$ 0	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 0	\$ 0	\$ 0	\$ 0
44.27.00	III-C-5	Safety/Drug Control Planning	\$ 0	\$ 0	\$ 0	\$ 200.0	\$ 200.0	\$ 1,600	\$ 2,000					\$ 200	\$ 200	\$ 1,600	\$ 2,000
44.27.00	III-C-6	Public Involvement	\$ 4,000	\$ 16,000	\$ 20,000	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 4,000	\$ 0	\$ 16,000	\$ 20,000
44.27.00	III-C-7	Private Sector Participation	\$ 0	\$ 0	\$ 0	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 0	\$ 0	\$ 0	\$ 0
44.27.00	III-D	Statewide & Extra-Regional Planning	\$ 10,000	\$ 40,000	\$ 50,000	\$ 0.0	\$ 0.0	\$ 0	\$ 0					\$ 10,000	\$ 0	\$ 40,000	\$ 50,000
44.27.00	III-E	Management Ops, Program Suppt Admir	\$ 16,000	\$ 64,000	\$ 80,000	\$ 3,600.0	\$ 3,600.0	\$ 28,800	\$ 36,000	\$ 0.0	\$ 0.0	\$ 0	\$ 0	\$ 19,600	\$ 3,600	\$ 92,800	\$ 116,000
		TOTALS	\$ 157,000	\$ 628,000	\$ 785,000	\$ 4,200	\$ 4,200	\$ 33,600	\$ 42,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 161,200	\$ 4,200	\$ 661,600	\$ 827,000

RESOLUTION NO. 2016-07-GUAMPO**APPROVING THE FY 2017 (2016-2017) AMENDED PLANNING WORK PROGRAM OF
THE
GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting a continuing, cooperative, and comprehensive transportation planning program in order to insure that funds for transportation projects are effectively allocated to the Greenville Urban Area; and

WHEREAS, the City of Greenville has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program Funds; and

WHEREAS, members of the Transportation Advisory Committee for the Greenville Urban Area agree that the Planning Work Program (PWP) will effectively advance transportation planning for SFY 2017; and

WHEREAS, the Transportation Plan has a planning horizon of 2040 and meets all the requirements for an adequate Transportation Plan; and

WHEREAS, the Transportation Advisory Committee for the Greenville Urban Area has certified the transportation planning process for SFY 2017 (2016-2017);

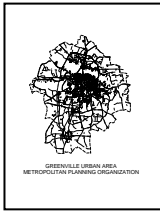
WHEREAS, the Transportation Advisory Committee for the Greenville Urban Area previously adopted the SFY 2017 PWP on November 19, 2015, and modified May 18, 2016.

WHEREAS, **this amendment programs an additional \$30,000 for PL-104 (metropolitan transportation planning) tasks.**

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area MPO hereby approves and endorses the amended Planning Work Program for SFY 2017 (2016-2017) for the Greenville Urban Area Metropolitan Planning Organization today, **October 4, 2016.**

Mayor Allen Thomas, Chairperson
Transportation Advisory Committee
Greenville Urban Area MPO

Amanda Braddy, Secretary



Attachment 4e

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: 2017-2018 Greenville Urban Area MPO Planning Work Program (PWP)

Purpose: Adopt the 2017-2018 Planning Work Program (PWP).

Discussion: The proposed PWP for the PL-funded planning activities was developed from information provided by representatives of the MPO's participating communities and coordinated with NCDOT's Transportation Planning Branch. The City of Greenville's Transit Manager provided information regarding future FTA-sponsored planning activities and needs.

Special studies anticipated in the 2017-2018 period include:

- Travel Demand Model update
- Pitt County --SW Bypass corridor/small area plan (Transportation Element only)
- Pitt County – Comprehensive Transportation Plan (CTP) (\$20k in Federal funds programmed under task 2B2 – Regional Planning)

Furthermore, NCDOT has requested that a 5-year work plan be submitted and updated to keep NCDOT abreast of long-range planning issues. This requirement was initiated by NCDOT for the 2009-2010 planning period. Similar to last year's effort, this is based on information provided by representatives of the MPO's participating communities and will be submitted along with the PWP.

As good prudence, MPO-member jurisdictions should not over commit to planning projects in the first half of the fiscal year until funding has been committed by NCDOT.

Action Needed: TAC adopt Resolution 2016-08-GUAMPO.

Attachments:

Draft 2017-2018 PWP, a 5-year work plan, and *Resolution 2016-08-GUAMPO*.

RESOLUTION NO. 2016-08-GUAMPO

ADOPTING THE FY 2018 (2017-2018) UNIFIED PLANNING WORK PROGRAM OF THE GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting a continuing, cooperative, and comprehensive transportation planning program in order to insure that funds for transportation projects are effectively allocated to the Greenville Urban Area; and

WHEREAS, the City of Greenville has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program Funds; and

WHEREAS, members of the Transportation Advisory Committee for the Greenville Urban Area agree that the Planning Work Program will effectively advance transportation planning for SFY 2018; and

WHEREAS, the Transportation Plan has a more than 20-year planning horizon and meets all the requirements for an adequate Transportation Plan; and

WHEREAS, the Transportation Advisory Committee for the Greenville Urban Area has certified the transportation planning process for SFY 2018 (2017-2018);

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area hereby approves, endorses, and adopts the Unified Planning Work Program for SFY 2018 (2017-2018) for the Greenville Urban Area Metropolitan Planning Organization, today, October 4, 2016.

Mayor Allen Thomas, Chairperson
Transportation Advisory Committee
Greenville Urban Area MPO

Amanda Braddy, Secretary

North Carolina
Pitt County

I, Amanda J. Braddy, Notary Public for said County and State certify that Allen Thomas personally came before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the _____ day of _____ 2016.

Amanda J. Braddy, Notary Public

My commission Expires:_____

Greenville Urban Area Metropolitan Planning Organization UNIFIED PLANNING WORK PROGRAM (UPWP) -FY18

July 1, 2017 to June 30, 2018

Introduction

The Unified Planning Work Program (UPWP) outlines transportation planning tasks to be conducted during the fiscal year. The UPWP sets the budget for these items and identifies the funding sources. MPO staff is responsible for ensuring completion of the planning tasks identified in the UPWP. The MPO Staff and the North Carolina Department of Transportation are the responsible agencies for many of the tasks in the UPWP. Some planning tasks are carried out by outside consultants.

The categories for planning tasks in the UPWP are based on planning requirements contained in Federal legislation that authorizes transportation funding. The adopted Prospectus for Continuing Transportation Planning provides detailed descriptions for these tasks. The UPWP must be programmed according to the Prospectus.

Funding Summary FY 2017-2018 (Total funds programmed in PWP, including Transit funds)

Federal Highway Administration		\$613,600
Local Match		\$149,200
State Match (for Transit items)		\$4,200
Total		\$767,000

Program Summary for MPO Planning and Administration (PL Funds)

II-A Data and Planning Support	\$	180,000	31.03%
II-B Planning Process	\$	88,000	15.17%
<i>(II-B Special Study)</i>	\$	44,000	7.59%
III-A Planning Work Program	\$	48,000	8.28%
III-B Transp. Improvement Plan	\$	68,000	11.72%
III-C Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$	32,000	5.52%
III-D Statewide and Extra-Regional Planning	\$	40,000	6.90%
III-E Management Ops, Program Support Admin	\$	80,000	13.79%
TOTAL PL Funds	\$	580,000	100.00%

GREENVILLE URBAN AREA MPO'S TITLE VI NOTICE TO PUBLIC

U.S. Department of Justice regulations, 28 Code of Federal Regulations, Section 42.405, Public Dissemination of Title VI Information, require recipients of Federal financial assistance to publish or broadcast program information in the news media. Advertisements must state that the program is an equal opportunity program and/or indicate that Federal law prohibits discrimination. Additionally, reasonable steps shall be taken to publish information in languages understood by the population eligible to be served or likely to be directly affected by transportation projects.

The Greenville Urban Area MPO hereby gives public notice that it's the policy of the MPO to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, Executive Order 13166 *Improving Access to Services for Persons with Limited English Proficiency*, and related nondiscrimination statutes and regulations in all programs and services. It is the MPO's policy that no person in the United States shall, on the grounds of race, color, sex, age, income status, national origin, or disabilities be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program, activities, or services for which the MPO receives Federal financial assistance.

Any person who believes they have been mistreated by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with the Greenville Urban Area MPO. Any such complaint must be in writing or in person to the City of Greenville, Public Works--Engineering, MPO Title VI Coordinator, 1500 Beatty St, Greenville, NC 27834, within one hundred eighty (180) days following the date of the alleged discrimination occurrence. Title VI Discrimination Complaint forms may be obtained from the above address at no cost, or via internet at www.greenvillenc.gov.

GREENVILLE URBAN AREA MPO'S TÍTULO VI COMUNICACIÓN PÚBLICA

El Departamento de Justicia de regulaciones de EU, Código 28 de Regulaciones Federales, Sección 42.405, Difusión Pública del Título VI de la información, exigen que el beneficiario de la ayuda financiera del gobierno federal publique o difunda la información del programa a los medios de comunicación. Los anuncios deben indicar que el programa es un programa de igualdad de oportunidades y / o indicar que la ley federal prohíbe la discriminación. Además, deben tomarse pasos razonables para publicar la información en los idiomas de la población a la cual servirán, o que puedan ser directamente afectadas por los proyectos de transporte.

La Organización Metropolitana de Planificación de Greenville (Greenville Urban Area MPO) notifica públicamente que es política del MPO asegurar el pleno cumplimiento del Título VI del Acta de Derechos Civiles de 1964, la Ley de Restauración de Derechos Civiles de 1987, la Orden Ejecutiva 12898 Dirección Federal de Acciones para la Justicia Ambiental en Poblaciones minoritarias y poblaciones de bajos ingresos, la Orden Ejecutiva 13166 Mejorar el acceso a los Servicios para Personas con Inglés Limitado, y de los estatutos y reglamentos relacionados con la no discriminación en todos los programas y servicios. El MPO está comprometido a ofrecer oportunidades de participación significativa en sus programas, servicios y actividades a las minorías, poblaciones de bajos recursos y personas que no dominan bien el idioma Inglés. Además, reconocemos la necesidad de evaluar el potencial de impactos a estos grupos a través del proceso de toma de decisiones, así como la obligación de evitar, minimizar y mitigar impactos adversos en los que son desproporcionadamente altos. Es política del MPO que ninguna persona en los Estados Unidos, por motivos de raza, color, sexo, edad, nivel de ingresos, origen nacional o discapacidad sea excluido de la participación en, sea negado los beneficios de, o sea de otra manera sujeto a discriminación bajo cualquier programa, actividades o servicios para los que el MPO recibe asistencia financiera federal.

Cualquier persona que crea haber sido maltratada por una práctica discriminatoria ilegal en virtud del Título VI tiene derecho a presentar una queja formal con NCDOT. Cualquier queja debe ser por escrito o en persona con el Ciudad de Greenville, Public Works--Engineering, MPO Title VI Coordinator, 1500 Beatty St, Greenville, NC 27834, dentro de los ciento ochenta (180) días siguientes a la fecha en que ocurrió la supuesta discriminación. Los formatos de quejas por discriminación del Título VI pueden obtenerse en la Oficina de Public Works sin costo alguno o, o a través de Internet en www.greenvillenc.gov.

Explanation of Funding Sources in the UPWP

Overview

There are three major funding sources that make up the UPWP. All three of these sources come from the federal government and involve either local or state matching funds. The disbursement of all the funds is managed by the North Carolina Department of Transportation. All three of the funding sources are displayed in the UPWP that is approved by the Greenville Urban Area MPO.

Metropolitan Planning Funds

Commonly known as "PL" (short for Public Law) funds, these funds are the primary source of funding for MPO Planning and Administration. The MPO Lead Planning Agency and MPO staff administer the funds. The Federal Highway Administration provides 80% of the funding, and local governments of the Greenville Urban Area MPO provide the 20% local match. In some cases, funds are sub-allocated to other agencies to perform special studies. This is not a grant program, but rather a reimbursement program. In other words, valid expenditures for transportation planning are reimbursed at a rate of 80%. The MPO Staff submits quarterly invoices to the NCDOT for reimbursement.

The MPO uses the PL funds to carry out tasks identified in the Planning Work Program. Some of the funds are used to pay staff salaries for time spent on transportation planning activities and for administration of the MPO. Some of the funds are used to pay outside consultants for special planning studies. All planning activities and special studies conducted during the year must be a part of the approved Planning Work Program. Occasionally funds are reimbursed to other local agencies that complete tasks identified in the PWP.

State Planning and Research (SPR) Funds

Known as SPR funds, these funds are administered by the North Carolina Department of Transportation, Transportation Planning Branch. The funds are primarily used to pay NCDOT staff salaries for time spent on transportation planning for the Greenville Urban Area. The Federal Highway Administration provides 80% of the funds, and the State of North Carolina provides the remaining 20%. These are not shown as part of the UPWP.

Section 5303 Funds

These are funds from the Federal Transit Administration (FTA) that are designated exclusively for transit planning. The funds are currently administered by the City of Greenville as a Direct Recipient of federal transit funds. The funds are primarily used to pay staff salaries for time spent on transit planning. The FTA provides 80% of the funds. The state provides 10% and the City of Greenville provides 10%.

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 City of Greenville*

*Charles Farley
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VICE-CHAIR
*Steve Tripp, Mayor
 Town of Ayden*

*Doug Jackson, Mayor
 Town of Winterville*
ALTERNATE: Tony Moore

*David C. Boyd, Jr., Mayor
 Village of Simpson*

*Ferrell Blount
 Board of Transportation
 NCDOT*

*(non-voting)
 John F. Sullivan III
 Federal Highway Administration*

TECHNICAL COORDINATING COMMITTEE MEMBERS

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 Director of Public Works
 City of Greenville
 Chair*

*Director of Planning and
 Community Development
 City of Greenville*

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 City of Greenville*

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 City Traffic Engineer
 City of Greenville*

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 Greenville MPO Coordinator
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*Haywood Daughtry, PE, CPM
 Eastern Region Mobility & Safety
 Field Operations Engineer
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*(non-voting)--Representative
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 NCDOT*

*(non-voting)--Representative
 Mid-East RPO*

Membership as of September 21, 2016

Greenville Urban Area 2017-2018 PWP Narrative

UPWP Overview

Greenville Urban Area Metropolitan Planning Organization PLANNING WORK PROGRAM (PWP) for FY18

July 1, 2017 to June 30, 2018

Introduction

The Unified Planning Work Program (UPWP) outlines transportation planning tasks to be conducted during the fiscal year. The UPWP sets the budget for these items and identifies the funding sources. MPO staff is responsible for ensuring completion of the planning tasks identified in the UPWP. The MPO Staff and the North Carolina Department of Transportation are the responsible agencies for many of the tasks in the UPWP. Some planning tasks are carried out by outside consultants.

The categories for planning tasks in the UPWP are based on planning requirements contained in Federal legislation that authorizes transportation funding. The adopted Prospectus for Continuing Transportation Planning provides detailed descriptions for these tasks. The UPWP must be programmed according to the Prospectus.

This Unified Planning Work Program (UPWP) for the Greenville Urban Area Metropolitan Planning Organization (MPO) documents the transportation planning activities and related tasks to be accomplished during the federal fiscal year 2017-2018 (from July 1, 2017 through June 30, 2018). The goal of the MPO is to ensure a continuing, cooperative, and comprehensive ("3-C") approach for transportation planning for the metropolitan area, both short and long-range, with proper coordination among:

- Local and regional MPO member governments and agencies
- North Carolina Department of Transportation (NCDOT)
- Federal Highway Administration (FHWA), and
- Federal Transit Administration (FTA)

This document outlines metropolitan planning requirements and issues; then presents a work program of planning activities to address them during the fiscal years 2017-2018.

Federal Requirements

SAFETEA-LU in concert with the Clean Air Act as Amended, envisions a transportation system that maximizes mobility and accessibility and protects the human and natural environments. This is achieved through a Continuing, Cooperative, and Comprehensive (3-C) transportation planning process that results in a long-range plan and short-range program of projects.

A metropolitan planning organization is required to develop a long-range plan and a short-range transportation improvement program that provide for the development and integrated management and operation of transportation systems and facilities (including accessible pedestrian walkways and bicycle transportation facilities) that will function as an intermodal transportation system for the planning area and as an integral part of the intermodal transportation system for North Carolina. The federally-required major components that feed into the development of the long range plan and short range program are listed below.

Metropolitan Planning Factors & Federal Requirements

The Moving Ahead for Progress in the 21st Century (MAP-21), federal transportation legislation passed by U.S. Congress and signed by the President in 2012, defines specific planning factors to be considered when developing transportation plans and programs in a metropolitan area. Current legislation calls for MPOs to conduct planning that:

- Supports the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency
- Increases the safety of the transportation system for motorized and non-motorized users
- Increases the security of the transportation system for motorized and non-motorized users
- Increase the accessibility and mobility options available to people and for freight
- Protects and enhances the environment, promotes energy conservation, and improves quality of life, and promotes consistency between transportation improvements and state and local planned growth and economic development patterns
- Enhances the integration and connectivity of the transportation system, across and between modes, for people and freight
- Promotes efficient system management and operation
- Emphasizes the preservation of the existing transportation system

These factors are addressed through various work program tasks selected for fiscal year 2015-2016.

Public Participation 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 Metropolitan Transportation Plan, the short-term Transportation Improvement Program, and the annual Unified Planning Work Program. Effective public involvement will result in opportunities for the public to participate in the planning process.

The Greenville Urban Area MPO's Public Involvement Plan (PIP) requires that the draft Planning Work Program (PWP) is reviewed by the Technical Coordinating Committee (TCC). The TCC meetings are open to the public and public comments can be provided. The TCC then endorses a draft PWP and forwards the document to the TAC. The draft PWP is then reviewed by the TAC and, if in agreement, a motion for adoption is considered. TAC for approval. Upon TAC approval, the PWP is then forwarded on to the State and FHWA/FTA.

All MPO plans and programs comply with the public involvement provisions of Title VI:

"No person in the United States shall, on the grounds 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 under any program or activity receiving federal financial assistance." The MPO has an adopted Title VI plan that provides further analysis.

Metropolitan Transportation Plan

The Greenville Urban Area MPO is responsible for developing the Metropolitan Transportation Plan. The Metropolitan Transportation Plan (MTP) includes the following:

- Identification of transportation facilities (including major roadways, transit, multimodal and intermodal facilities and intermodal connectors) that function as an integrated metropolitan transportation system
- A discussion of types of potential environmental mitigation activities and potential areas to carry out these activities
- A financial plan that demonstrates how the adopted transportation plan can be implemented
- Operations and management strategies to improve the performance of existing transportation facilities to relieve vehicular congestion and maximize the safety and mobility of people and goods
- Capital investment and other strategies to preserve the existing and projected future metropolitan transportation infrastructure and provide for multimodal capacity increases based on regional priorities and needs.
- Proposed transportation and transit enhancement activities.

The metropolitan Transportation Improvement Program (TIP) must include the following:

- A priority list of proposed federally supported projects and strategies to be carried out within the TIP period
- A financial plan that demonstrates how the TIP can be implemented
- Descriptions of each project in the TIP

Air Quality Conformity Process

Currently, the Greenville MPO area is considered in attainment of the National Ambient Air Quality Standards. Should the Greenville Urban Area Metropolitan Planning Organization (GUAMPO) become designated as non-attainment for air quality, and become required to make conformity determination on its Transportation Plan, the following shall apply: the North Carolina Department of Transportation (NCDOT) would assist the MPO in making a conformity determination by performing a systems level conformity analysis on the highway portion of the fiscally constrained long range transportation plan (LRTP). The Metropolitan Transportation Improvement Program is a subset of the Transportation Plan and is therefore covered by the conformity analysis.

II-A Data and Planning Support

This section covers data and processes used to support transportation planning related to transportation infrastructure.

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**
- The Greenville Urban Area MPO will create and maintain spatial data, metadata, and data catalog created from Python script (inclusive of member governments municipal boundaries, zoning, facilities, physical and environmental features, orthophotography, etc.) for the MPO planning area and immediately adjacent areas.
 - AADT mapping and analysis in support of planning needs. Update the GIS Street Database as needed.
 - Perform both tube and turning movement counts using in-house and contracted resources throughout the urban area for ongoing transportation planning purposes. Purchase of transportation data-collection equipment, including those devices using radar, magnetic detection, motion sensor technology, and/or greenway/pedestrian/bicycle counters.
 - Conduct parking inventory, establish count areas, Prepare field procedures / personnel as necessary. On and off street parking data collection may include parking policies, ownership and rates.
 - Review VMT data provided by NCDOT as needed. Receive countywide estimates and review as needed.
 - Update local street centerline GIS data. MPO geographical area will be updated as needed, with metadata verified or created.
 - Update GIS data for fixed routes, deviated fixed routes, service areas, and ridership for transit providers in the region.
 - Maintain the project inventory geospatial and tabular data related to transit, bike, pedestrian, and other travel modes' changes in CTP projects, Priority Needs List projects, LRTP, and STIP/MTIP projects.
 - Maintain a GIS inventory of existing data from local, state, and federal partners related to bicycle and pedestrian transportation facilities. Obtain updated sidewalk, bike facility, and greenways data from local partners. Continue collection of missing attributes or data for those data sets in need of updating or creation.

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**

- Updates of baseline data or census information that may be used in various transportation plans or planning activities. Identify and evaluate changes in population and development throughout the MPO. Obtain, identify, and analysis of Census data, local parcel, zoning, and tax data records.
- Collection of the following variables, by traffic zone: 1) population, 2) housing units, and 3) employment. Update GIS database used to maintain housing and land use information.
- Updates to the 2010 Census baseline population and dwelling unit data with pertinent American Community Survey variables as they become available. Including those related to Title VI issues and include data formerly in the Census Summary File 3 taken from the long form sample in 2000.
- Assist NCDOT TPB as needed with follow up or clarifications about travel behavior related to the survey.
- Vehicle occupancy rate and travel time studies, as needed.
- Conduct surveys to attain information such as origins and destinations, travel behavior, transit ridership, workplace commuting, etc. Purchase of wireless signaling/digital mobility data from consultants who can collect mobile device signals and develop meaningful location data, travel patterns, and transportation trends.

II-A-3 Transportation Modeling

- **Travel Model Update**
- **Forecast of Data to Horizon Year**
- **Forecast of Future Travel Patterns**
- **Financial Planning**

- Assist NCDOT TPB with model updates as needed. Update socioeconomic, roadway, and travel data. review the model for any network and coding inconsistencies. Database update and/or any other travel demand modeling work associated with keeping the model up-to-date. Some of this work to be performed by NCDOT's Transportation Planning Branch along with use of consultant effort. A consultant may purchase mobile device signal data to develop origin and destination data, along with identifying other travel patterns.
- Assist with model updates and scenario runs by coordinating and supplying data about the network as needed. Test alternative roadway network scenarios.
- Review major land use changes and modify the travel demand model's TAZ files accordingly.
- Assist NCDOT TPB and the model team as needed with follow up or clarifications about SE Data forecasts or travel patterns. Drafting of any required documentation.
- Maintain fiscal model of the 2014-2040 MTP. Develop project cost estimates and identify funding sources available throughout the forecast years for the LRTP. Identify new and alternative funding sources.
- Update ongoing research about funding sources and refinement of long-range financial plan as needed.
- Create project-level cost estimates where SPOT, TIP, or other NCDOT-sanctioned estimates are

Tasks within this category are related to the development of the MPO Long Range Transportation Plan and Comprehensive Transportation Plan. Federal regulations require each MPO to have a fiscally-constrained long range transportation plan looking out at least 20 years. The plan must be updated every five years. The MPO also participates in the development of Comprehensive Transportation Plan (CTP) for the region. The plan is developed jointly with NCDOT and reflects the vision and long term needs of the transportation system. In addition, the MPO is responsible for a number of ongoing long-range planning activities such as corridor studies, congestion management monitoring and air quality planning.

II-B Planning Process

II-B-1 Targeted Planning

- **Air Quality Planning/Conformity Analysis**
- **Alternative Fuels/Vehicles**
- **Hazard Mitigation and Disaster Planning**
- **Congestion Management Strategies**
- **Freight Movement/Mobility Planning**

- Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions and transportation system management strategies. Provide documentation of the process to be used in updating the MTP. Tasks also include planning strategies associated with Transportation Demand Management, Access Control and Management, Traffic Operations Improvements, Incident Management and Growth Management.

- Coordinate with private freight carriers in the region to identify major shipping lanes in and out of the region and potential projects where NCDOT/GUAMPO can facilitate cooperation; incorporate applicable projects into the MTP and prepare update of the freight element of the MTP. Identify freight movement deficiencies, priorities, and proposed improvement solutions and strategies.

- Participate in MAP-21 related training and workshops.

- Research/investigate/analyze/report on alternative fuel vehicles, advanced transportation technologies, infrastructure, fueling/recharging stations, related equipment, and alt fuels technology, including public transit and transportation corridors.

- Assist with conformity determination analysis, interagency consultation process, and coordination with State and Federal agencies in developing and maintaining mobile source emission inventories. Attending air quality-related trainings/briefings/coordination meetings.

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**

- Assist NCDOT TPB as needed with follow up or clarifications about travel patterns.

- Establish regional goals, objectives, and policies.

- Work with stakeholders, NCDOT, etc to develop system plans, MTP/CTP updates.

- Work with NCDOT PTD to update 5-year capital plans (as needed) for MPO transit providers in the region and assist providers with any changes in federal or state funding programs.

- Funds in this task are also to reimburse Pitt County Staff for their work in development of the MPO's CTP

- Coordinate Bike/Ped projects. LPA staff will also provide coordination with "Safe Route to Schools" programs. Coordinate with Greenville Bicycle and Pedestrian Commission, sub-committees and other community organizations interested in non-motorized travel, develop agendas and presentations, respond to commission and community requests, research best practices for related policies, and perform related work. Coordinate updates and/or implementation of the bicycle/pedestrian/greenway master plan.

- Coordinate with the Pitt-Greenville Airport and Federal Aviation Administration on future airport needs and travel patterns; incorporate connections for passenger and freight needs coming to/leaving the airport into the MTP update.

- Mapping in support of TIP, Merger, Long Range Planning, Prioritization, and Complete Streets Subcommittee including project packet maps detailing existing and future land use, zoning, EJ demographics, planning context, and natural environment.

- Coordinate with private rail companies and ports in the region and potential projects where NCDOT/GUAMPO can facilitate cooperation.

II-B-3 Special Studies

- GUAMPO staff will assist subgrantee members with reporting requirements and maintain the budgets for projects funded through this UPWP category. Projects may be developed and/or amended as the year progresses.

- o **Pitt County - SW Bypass Corridor/Small Area Study**--Conduct a study of the proposed Southwest Bypass corridor and its impacts to the surrounding area including reconfigured transportation facilities. Develop a small area/corridor plan with specific goals and objectives for maintaining optimum traffic circulation and to ensure appropriate development occurs along the corridor. The study area will encompass an approximate one-mile buffer on each side of the highway corridor with particular emphasis on proposed interchanges as well as any new or realigned roadways. (\$25,000 Total --\$20k Federal, \$5k local)

- o **Greenville MPO Non-motorized Transportation Plan** \$24,000 federal/\$6,000 local
The City of Greenville entered into contract to develop an integrated active transportation plan which will update the existing bike/ped plan, and will include greenways, to expand the scope of greenway planning throughout the MPO. A single combined bike/ped/greenway master plan will save in update costs over the years. Updates and integrates separate, existing plans into a comprehensive multi-modal transportation plan that will include these modes of transportation. The Active Transportation Master Plan will draw from existing transportation plans, but also involve gathering new information through data collection and public involvement. The resulting plan will identify key destinations throughout the MPO, and determine the best non-motorized transportation connections between these destinations, identify specific corridor improvements. The MPO is allocating \$30,000 in case the non-motorized transportation plan is not completed in FY17.

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III-A Unified Planning Work Program

This category relates to the preparation and monitoring of the MPO Unified Planning Work Program, and preparation of quarterly reports, the annual report, and requests for reimbursement. MAP-21 mandated performance measure reporting requirements are also a part of this work task-group.

III-A-1 Planning Work Program

- The Greenville Urban Area MPO will develop a Planning Work Program (PWP) with the guidance of the Technical Coordinating Committee (TCC) and MPO Board; Present the PWP for approval to the Transportation Advisory Committee and submit to the NCDOT Transportation Planning Branch.
- Actively manage the progress of consultants engaged in completing UPWP tasks.
- Develop the FY 5-year Planning Work Program Calendar.

III-A-2 Metrics and Performance Management

- Update the UPWP, MTP, etc to address MAP-21 Performance Measure tracking and reporting.
- Prepare quarterly reports, the annual report, and requests for reimbursement.
- Work on establishing/developing/refinement/updating of performance measures/targets.
- Update plans (CTP/MTP/TIP), as required, to meet MAP21 performance measure requirements.

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III-B Transportation Improvement Program

This category relates directly to the identification and prioritization of transportation improvement projects within the MPO area on an on-going basis, coordination of the MTIP with the STIP and SPOT processes, the development of the MTIP, and processing of MTIP amendments.

III-B-1 Prioritization

- Maintenance of a prioritized needs list (the SPOT list) of potential STIP projects across modes. Develop purposes and needs statements, as appropriate/needed.
- Work to update and improve local prioritization process for SPOT projects.
- Data, Maps and Resolutions for STIP Project Recommendations as needed.
- Attendance of any STIP- or SPOT-related meetings.
- Gathering and entry of data required for SPOT ranking of projects.
- Evaluate transportation projects. Review scoring methodology and score transportation projects, as requested by NCDOT.
- Attend SPOT-related workgroup/policy-development/planning workgroups or related meetings at a local, regional, or Statewide level.
- Meet/work with local government entities to assist with prioritization or project development/refinement.

III-B-2 Metropolitan TIP

- Work cooperatively with NCDOT and other partner agencies to review and comment on Draft STIP and Work cooperatively with NCDOT and other partner agencies to review final STIP and review and adopt the corresponding metropolitan area TIP.
- Review and refine schedules and descriptions for TIP projects in the Draft TIP.
- Coordinate meaningful public involvement in the TIP process and in review of the TIP.
- Review design issues for TIP Projects and provide comments to appropriate agencies.
- Participate in the environmental study process for TIP projects and provide an MPO representative on NEPA/404 Merger Teams.
- Monitor the public involvement process for TIP projects and ensure adequate community input; assist PDEA as requested.
- Continue participation in project-specific workgroup meetings, as needed.
- Continue to facilitate dialog between NCDOT and MPO-member communities.
- Continue to participate on scoping meetings, public input, and merger meetings
- Work associated with development or amendments to the TIP.

III-C. Civil Rights Compliance (Title VI) and Other Regulatory Requirements

Tasks within this category relate to the goal of integrating public involvement and context sensitivity into every aspect of the MPO transportation planning process.

III-C-1 Title VI Compliance

- Conduct ongoing analysis of all MPO planning activities for compliance with Title VI of the Civil Rights Act of 1964; 49 CFR part 21.
- Development and updates to Title VI and Limited English Proficiency Plans, and related tasks needed for compliance with associated Federal regulations.

III-C-2 Environmental Justice

- On a continuing basis, update maps used for transit planning with ACS data from the US Census, as available, to include Low-Mod Income, English as second language, elderly, young, and no-car populations.
- Program and/or specific project-related work regarding compliance with environmental justice goals and regulations.
- Development and updates to Title VI and Limited English Proficiency Plans, and related tasks needed for compliance with associated Federal regulations.

III-C-3 Minority Business Enterprise Planning

- Activities to encourage the participation of minority-owned business enterprises in contractual and supply opportunities on an ongoing basis.

III-C-4 Planning for the Elderly

- Provide efforts focusing on complying with the key provisions of the ADA. Plan transportation facilities and services that can be utilized by persons with limited mobility.
- Coordinate with community stakeholders to identify relevant aging issues.

III-C-5 Safety and Drug Control Planning

- Performing safety audits, developing safety/security improvements, and developing policies and planning for safety, security, and emergency preparedness issues.

III-C-6 Public Involvement

- Develop outreach efforts for effectively communicating with the community about transportation planning and projects **including all MTP/CTP/TIP-related outreach.**
- Update website, social media, and outreach materials to make them more useful, including translation of documents and materials as needed.
- Place advertisements in media outlets as required by Public Participation Plan.
- Respond to interview and data requests from the media & public.
- Ensure compliance with North Carolina general statutes regarding open meetings and public records.
- Support of Citizens' Advisory Committee for the MTP and related issues.
- Expand ability to provide data to member governments and the public.
- Update the Public Involvement Plan, as needed.

III-C-7 Private Sector Participation

- Activities to encourage private sector participation in planning and project activities.

III-D Statewide and Extra-Regional Planning

- Coordinate with other regional, state and federal agencies involved in transportation planning activities; monitor federal and state legislation.
- Coordinate with neighboring RPO's, transit-providers, and other agencies.
- Participate in the North Carolina Association of MPOs and attend ongoing statewide meetings to discuss transportation planning issues.
- Participate in working groups, subcommittees, or task forces associated with NCDOT or other government agencies or statewide or regional professional associations such as the Working Group for Roads and Transportation (WGRT) of the North Carolina Geographic Information Coordinating Council (NCGICC), NCSITE, NCURISA, NCAPA, Eastern Carolina MPO/RPO Coalition, et cetera.
- Attend regional, statewide, national, and/or other planning initiatives, meetings, or conferences.

III-E. Management and Operations

This category relates to the on-going administrative responsibilities related to the MPO, including support of both the Transportation Coordinating Committee and the Transportation Advisory Committee.

III-E Management Operations and Program Support Administration

- Provide direct support to the MPO Governing Board and Technical Coordinating Committee (TCC), including agenda preparation and circulation, preparation of minutes, and scheduling, notification, venue setup and breakdown, and facilitation of meetings.
 - Procure supplies related to transportation planning activities.
 - Support staff training and development.
 - Cover direct costs associated with MPO administration.
 - Maintain adequate files and records for the MPO.
 - Tracking the status of transportation projects, status reports to the TCC, TAC, and interested persons.
 - Staying up to date with transportation issues (RPOs, air quality, census, environmental justice, 'smart growth", etc.). Finding, researching, and disseminating relevant transportation information for local officials, public, and MPO members.
 - Staying up to date on transportation-related bills and regulations.
 - Presentations at local association meetings, regular briefings of legislators and local officials.
 - Consistent public/media information. Examples include press releases, web page updates etc.
 - Innovative and successful public involvement (two-way communication).
 - Grant writing.
 - Preparing press releases, web page updates, etc.
 - Presentations at local association meetings, regular briefings of legislators and local officials.
- This task provides for the Lead Planning Agency to perform necessary activities in order to continue a cooperative, comprehensive, and continuing transportation planning process for the urbanized area. Funds will allow for performance of required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning and Admin - PL104			Transit Planning - 5303				Transit-SECTION 5307				Task Funding Summary			
			Local 20%	Federal 80%	TOTAL	Local (10%)	State (10%)	Federal (80%)	Fund Total	Local	State	FTA 80%	5307 Total	Local	State	Federal	TOTAL
	II-A	Data and Planning Support	\$ 45,000	\$ 180,000	\$ 225,000	\$0	\$0	\$0	\$0					\$ 45,000	\$0	\$ 180,000	\$ 225,000
44.24.00	II-A-1	Networks and Support Systems	\$ 12,000	\$ 48,000	\$ 60,000	\$0	\$0	\$0	\$0					\$ 12,000	\$0	\$ 48,000	\$ 60,000
44.23.01	II-A-2	Travelers and Behavior	\$ 3,000	\$ 12,000	\$ 15,000	\$0	\$0	\$0	\$0					\$ 3,000	\$0	\$ 12,000	\$ 15,000
44.23.02	II-A-3	Transportation Modeling	\$ 30,000	\$ 120,000	\$ 150,000	\$0	\$0	\$0	\$0					\$ 30,000	\$0	\$ 120,000	\$ 150,000
	II-B	Planning Process	\$ 33,000	\$ 132,000	\$ 165,000	\$200	\$200	\$1,600	\$2,000					\$ 33,200	\$200	\$ 133,600	\$ 167,000
44.23.02	II-B-1	Targeted Planning	\$ 3,000	\$ 12,000	\$ 15,000	\$0	\$0	\$0	\$0					\$ 3,000	\$0	\$ 12,000	\$ 15,000
44.23.01	II-B-2	Regional Planning (CTP, MTP, etc)	\$ 19,000	\$ 76,000	\$ 95,000	\$200	\$200	\$1,600	\$2,000					\$ 19,200	\$200	\$ 77,600	\$ 97,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -	\$0	\$0	\$0	\$0					\$ -	\$0	\$ -	\$ -
		SW Bypass corridor/small area plan	\$ 5,000	\$ 20,000	\$ 25,000									\$ 5,000	\$0	\$ 20,000	\$ 25,000
		Bike/Ped/Greenway Master Plan	\$ 6,000	\$ 24,000	\$ 30,000									\$ 6,000	\$0	\$ 24,000	\$ 30,000
	III-A	Planning Work Program	\$ 12,000	\$ 48,000	\$ 60,000	\$0	\$0	\$0	\$0					\$ 12,000	\$0	\$ 48,000	\$ 60,000
44.21.00	III-A-1	Planning Work Program	\$ 5,000	\$ 20,000	\$ 25,000	\$0	\$0	\$0	\$0					\$ 5,000	\$0	\$ 20,000	\$ 25,000
44.24.00	III-A-2	Metrics and Performance Measures	\$ 7,000	\$ 28,000	\$ 35,000	\$0	\$0	\$0	\$0					\$ 7,000	\$0	\$ 28,000	\$ 35,000
	III-B	Transp. Improvement Plan	\$ 17,000	\$ 68,000	\$ 85,000	\$200	\$200	\$1,600	\$2,000					\$ 17,200	\$200	\$ 69,600	\$ 87,000
44.25.00	III-B-1	Prioritization	\$ 6,000	\$ 24,000	\$ 30,000	\$0	\$0	\$0	\$0					\$ 6,000	\$0	\$ 24,000	\$ 30,000
44.25.00	III-B-2	Metropolitan TIP	\$ 6,000	\$ 24,000	\$ 30,000	\$200	\$200	\$1,600	\$2,000					\$ 6,200	\$200	\$ 25,600	\$ 32,000
44.25.00	III-B-3	Merger/Project Development	\$ 5,000	\$ 20,000	\$ 25,000	\$0	\$0	\$0	\$0					\$ 5,000	\$0	\$ 20,000	\$ 25,000
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$ 8,000	\$ 32,000	\$ 40,000	\$200	\$200	\$1,600	\$2,000					\$ 8,200	\$200	\$ 33,600	\$ 42,000
44.27.00	III-C-1	Title VI Compliance	\$ 2,000	\$ 8,000	\$ 10,000	\$0.0	\$0.0	\$0	\$0					\$ 2,000	\$0	\$ 8,000	\$ 10,000
44.27.00	III-C-2	Environmental Justice	\$ 2,000	\$ 8,000	\$ 10,000	\$0.0	\$0.0	\$0	\$0					\$ 2,000	\$0	\$ 8,000	\$ 10,000
44.27.00	III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0	\$0.0	\$0.0	\$0	\$0					\$0	\$0	\$0	\$0
44.27.00	III-C-4	Planning for the Elderly	\$0	\$0	\$0	\$0.0	\$0.0	\$0	\$0					\$0	\$0	\$0	\$0
44.27.00	III-C-5	Safety/Drug Control Planning	\$0	\$0	\$0	\$200.0	\$200.0	\$1,600	\$2,000					\$200	\$200	\$1,600	\$2,000
44.27.00	III-C-6	Public Involvement	\$4,000	\$16,000	\$20,000	\$0.0	\$0.0	\$0	\$0					\$4,000	\$0	\$16,000	\$20,000
44.27.00	III-C-7	Private Sector Participation	\$0	\$0	\$0	\$0.0	\$0.0	\$0	\$0					\$0	\$0	\$0	\$0
44.27.00	III-D	Statewide & Extra-Regional Planning	\$ 10,000	\$ 40,000	\$ 50,000	\$0.0	\$0.0	\$0	\$0					\$ 10,000	\$0	\$ 40,000	\$ 50,000
44.27.00	III-E	Management Ops, Program Suppt Adm	\$20,000	\$80,000	\$100,000	\$3,600.0	\$3,600.0	\$28,800	\$36,000	\$0.0	\$0.0	\$0	\$0	\$ 23,600	\$3,600	\$ 108,800	\$ 136,000
		TOTALS	\$ 145,000	\$ 580,000	\$ 725,000	\$4,200	\$4,200	\$33,600	\$42,000	\$0	\$0	\$0	\$0	\$149,200	\$4,200	\$613,600	\$767,000

**Greenville Urban Area MPO 2017-2018 PWP
Metropolitan Planning (PL) 23 U.S.C. 104(f) Funding Summary**

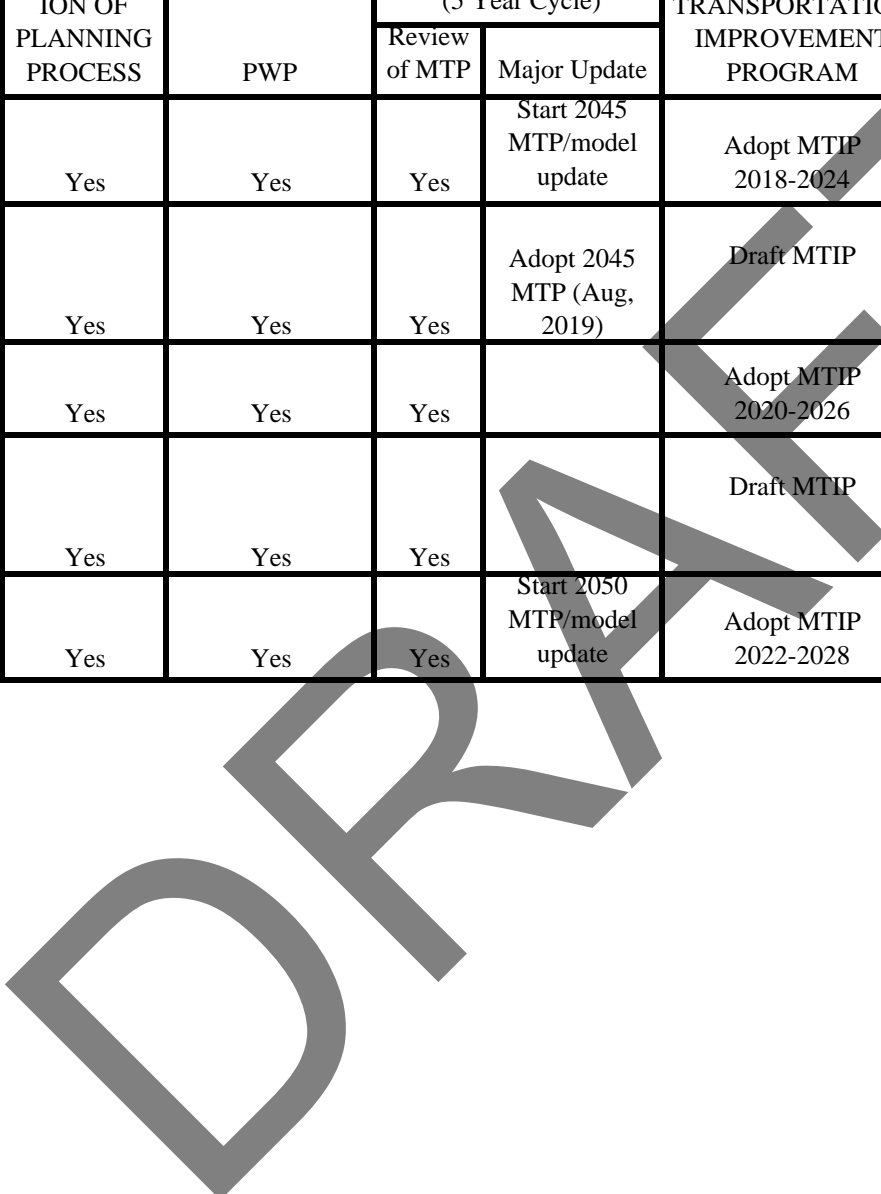
FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning and Admin - PL		
			Highway / Transit		TOTAL
			Local 20%	Federal 80%	
	II-A	Data and Planning Support	\$ 45,000	\$180,000	\$225,000
44.24.00	II-A-1	Networks and Support Systems <ul style="list-style-type: none"> • Traffic Volume Counts • Vehicle Miles 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 	\$ 12,000	\$ 48,000	\$ 60,000
44.23.01	II-A-2	Travelers and Behaviour <ul style="list-style-type: none"> • 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
44.23.02	II-A-3	Transportation Modeling <ul style="list-style-type: none"> • Travel Model Update • Forecast of Data to Horizon Year • Forecast of Future Travel Patterns • Financial Planning 	\$ 30,000	\$120,000	\$150,000
	II-B	Planning Process	\$ 33,000	\$132,000	\$165,000
44.23.02	II-B-1	Targeted Planning <ul style="list-style-type: none"> • Air Quality Planning/Conformity Analysis • Alternative Fuels/Vehicles • Hazard Mitigation and Disaster Planning • Congestion Management Strategies • Freight Movement/Mobility Planning 	\$ 3,000	\$ 12,000	\$ 15,000
44.23.01	II-B-2	Regional Planning <ul style="list-style-type: none"> • 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 	\$ 19,000	\$ 76,000	\$ 95,000
44.27.00	II-B-3	Special Studies	\$ -	\$ -	\$ -
		SW Bypass - Corridor / Small Area Plan	\$ 5,000	\$ 20,000	\$ 25,000
		Greenville - Bike/Ped/Greenway Master Plan	\$ 6,000	\$ 24,000	\$ 30,000
	III-A	Planning Work Program	\$ 12,000	\$ 48,000	\$ 60,000
44.21.00	III-A-1	Planning Work Program	\$ 5,000	\$ 20,000	\$ 25,000
44.24.00	III-A-2	Metrics and Performance Measures	\$ 7,000	\$ 28,000	\$ 35,000
	III-B	Transp. Improvement Plan	\$ 17,000	\$ 68,000	\$ 85,000
44.25.00	III-B-1	Prioritization	\$ 6,000	\$ 24,000	\$ 30,000
44.25.00	III-B-2	Metropolitan TIP	\$ 6,000	\$ 24,000	\$ 30,000
44.25.00	III-B-3	Merger/Project Development	\$ 5,000	\$ 20,000	\$ 25,000
	III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.	\$ 8,000	\$ 32,000	\$ 40,000
44.27.00	III-C-1	Title VI Compliance	\$ 2,000	\$ 8,000	\$ 10,000
44.27.00	III-C-2	Environmental Justice	\$ 2,000	\$ 8,000	\$ 10,000
44.27.00	III-C-3	Minority Business Enterprise Planning	\$ -	\$ -	\$ -
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	\$ 4,000	\$ 16,000	\$ 20,000
44.27.00	III-C-7	Private Sector Participation	\$ -	\$ -	\$ -
44.27.00	III-D	Statewide and Extra-Regional Planning	\$ 10,000	\$ 40,000	\$ 50,000
44.27.00	III-E	Management Ops, Program Support Admin	\$ 20,000	\$ 80,000	\$ 100,000
		TOTALS	\$145,000	\$580,000	\$725,000

1- MPO

2-	FTA Code	442100	442301	442500	442616	
3-	Task Code	III-E	II-B-2	III-B-2	III-C-5	Total
4-	Title of Planning Task	Program Support/Admin	Regional Planning (Transit Element of the MTP)	Transportation Improvement Program	Safety	
5-	Task Objective	Monitor and analyze the statistical and financial performance of the GREAT system so as to recommend improvements that will increase both the efficiency and effectiveness of the service provided.	Improve mobility	Develop transit needs	Maintain and improve system safety and security.	
6-	Tangible Product Expected	Prepare, publish and submit all monthly statistical and financial reports required by the local, state and federal governments. Prepare, publish and submit all recommendations for improving system performance to the appropriate governing body for review and approval.	The development of routes and schedules that can be incorporated into the LRTP.	List of transit needs	Safety meetings. Prepare and publish regular safety bulletins. Written reviews of safety related issues with recommendations for maintaining and improving safety and security in the future.	
7-	Expected Completion Date of Product(s)	6/30/2018	6/30/2018	6/30/2018	6/30/2018	
8-	Previous Work	Prepared, published and submitted all monthly statistical and financial reports required by the local, state and federal governments. Prepared, published and submitted all recommendations for improving system performance to the appropriate governing body for review and approval.	Evaluation of Short Range Transit Plan recommendations completed and preparations for service improvements were made.	2016-2025 STIP and TIP	Safety meetings. Prepared and published regular safety bulletins. Written reviews of safety related issues with recommendations for maintaining and improving safety and security in the future.	
9-	Prior FTA Funds	\$40,810	\$2,000		\$2,000	\$44,810
10-	Relationship To Other Activities					
11-	Agency Responsible for Task Completion	City of Greenville	City of Greenville	City of Greenville	City of Greenville	
12-	HPR - Highway - NCDOT 20%					
13-	HPR - Highway - FHWA 80%					
14-	Section 104 (f) PL Local 20%					
15-	Section 104 (f) PL FHWA 80%					
16-	Section 5303 Local 10%	\$3,600	\$200	\$200	\$200	\$4,200
17-	Section 5303 NCDOT 10%	\$3,600	\$200	\$200	\$200	\$4,200
18-	Section 5303 FTA 80%	\$28,800	\$1,600	\$1,600	\$1,600	\$33,600
	<i>Subtotal</i>	\$36,000	\$2,000	\$2,000	\$2,000	\$42,000
19-	Section 5307 Transit - Local 10%		\$0.00			\$0
20-	Section 5307 Transit - NCDOT 10%		\$0.00			\$0
21-	Section 5307 Transit - FTA 80%		\$0.00			\$0
	<i>Subtotal</i>		\$0.00			\$0
22-	Additional Funds - Local 100%					
	Grand total	\$36,000	\$2,000	\$2,000	\$2,000	\$42,000

Greenville Urban Area MPO Five Year Planning Program

FISCAL YEAR	ACTION		PRODUCTS OF THE PLANNING PROCESS			STIP	PRIORITIZATION
	CERTIFICATION OF PLANNING PROCESS	PWP	METROPOLITAN TRANSPORTATION PLAN (5 Year Cycle)		METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM		
			Review of MTP	Major Update			
2018	Yes	Yes	Yes	Start 2045 MTP/model update	Adopt MTIP 2018-2024		Yes
2019	Yes	Yes	Yes	Adopt 2045 MTP (Aug, 2019)	Draft MTIP	Adopt STIP 2018-2027	Yes
2020	Yes	Yes	Yes		Adopt MTIP 2020-2026		Yes
2021	Yes	Yes	Yes		Draft MTIP	Adopt STIP 2020-2029	Yes
2022	Yes	Yes	Yes	Start 2050 MTP/model update	Adopt MTIP 2022-2028		Yes



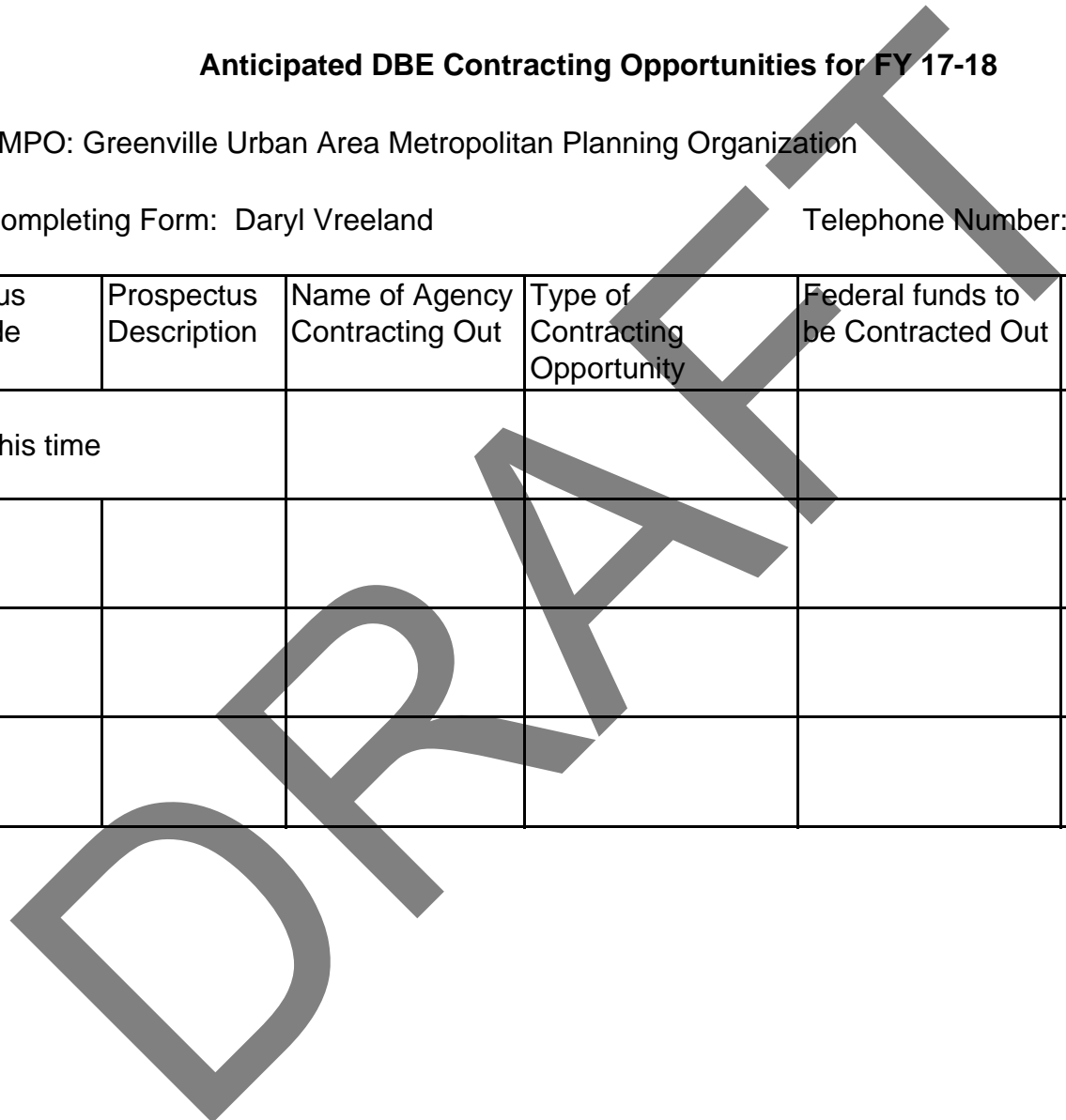
Anticipated DBE Contracting Opportunities for FY 17-18

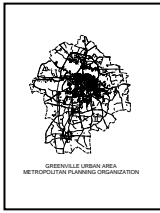
Name of MPO: Greenville Urban Area Metropolitan Planning Organization

Person Completing Form: Daryl Vreeland

Telephone Number: 252-329-4476

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity	Federal funds to be Contracted Out	Total Funds to be Contracted Out
None at this time					





Attachment 4f

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: Discussion of future projects for submittal to NCDOT via their SPOT system

Purpose: To discuss project ideas for future submittal in the SPOT system.

Discussion: MPO Staff has developed the following transportation project ideas. Projects need to be in the MTP in order for the MPO to be able to submit them for scoring and funding consideration for the following iteration of the SPOT (points/programming) process. Thus, should TCC wish to submit any of the following new project ideas to NCDOT, they must first be noted in the MPO's long range plan (MTP). If so instructed by TAC, MPO staff can begin the MTP modification process.

MPO staff seeks direction regarding updating the long-range plan (MTP) for inclusion of some, none, or all of these projects. Note that some other projects would have to be removed from the plan to do so. Staff seeks direction regarding these possible changes to the MTP.

Staff-proposed new projects (Would need to be added into MTP via modification)

Road projects

1. Greenville Blvd Improvements. City to determine scope/nature of improvements.
2. NC43/Charles Blvd, from Greenville Blvd to Firetower Rd. Construct medians, sidewalk, buffered bike lanes, bus pull out bays, stormwater improvements, and intersection capacity improvements/turn lane additions.
3. Evans Street. Greenville Blvd to 10th Street. Medians, sidewalks, buffered bike lanes, intersection capacity improvements/turn lane additions.
4. US13/Dickinson Ave. Memorial Drive to Greenville Blvd/Allen Rd. Widen to 4-lanes throughout, construct medians, sidewalks, buffered bike lanes, intersection capacity improvements/turn lane additions.
5. Thomas Langston Road from NC11 to Davenport Farm Road. Widening (2 lanes to 4 lanes), buffered bike lane, sidewalk, intersection capacity improvements. Extend on new location from Davenport Farm Road to Forlines Rd.

Staff-proposed modifications to existing roadway projects:

1. Split NC43 widening from Firetower Rd to Worthington Rd into 2 projects
 - a. NC43: Firetower Rd to the Southern terminus of Bells Fork Rd (SR 1729)
 - b. NC43: Southern terminus of Bells Fork Rd (SR 1729) to Worthington Rd
 Widen to 4 lanes divided, buffered bike lanes, sidewalk, intersection capacity improvement / turn lane additions

New Bike/ped projects

1. Cooper Road. Old Tar Rd to Christ Covenant School on Worthington Rd. Sidewalks and bike lanes.

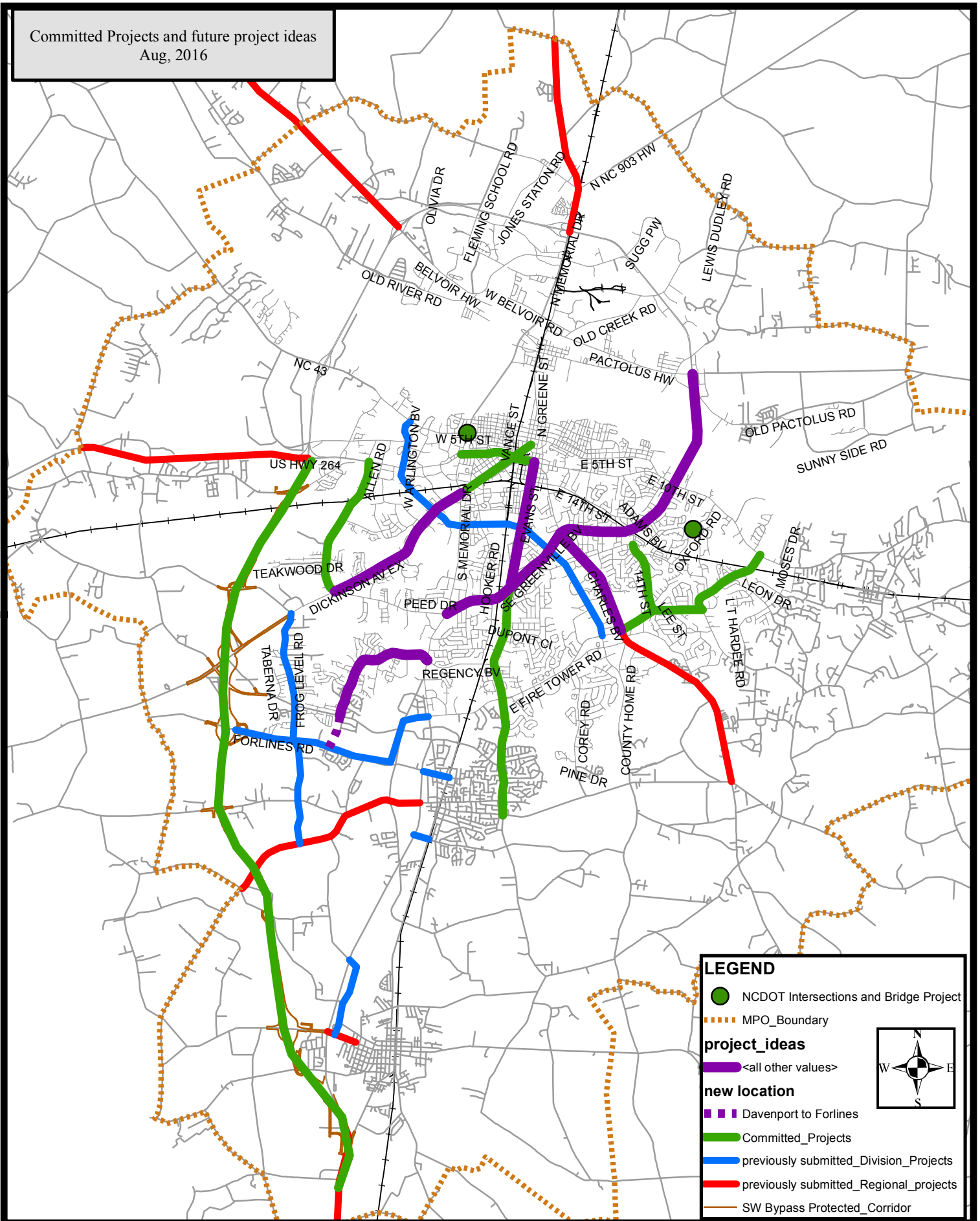
To maintain fiscal constraint in the MTP, the following projects are recommended for removal from the MTP. These projects ranked poorly in NCDOT's point ranking process. NCDOT will remove from their database any project that the MPO does not award points to. If removed from the MTP, the MPO cannot submit them for future funding consideration.

Proposed deletions from MTP (will be removed from SPOT system anyway if no MPO points assigned):

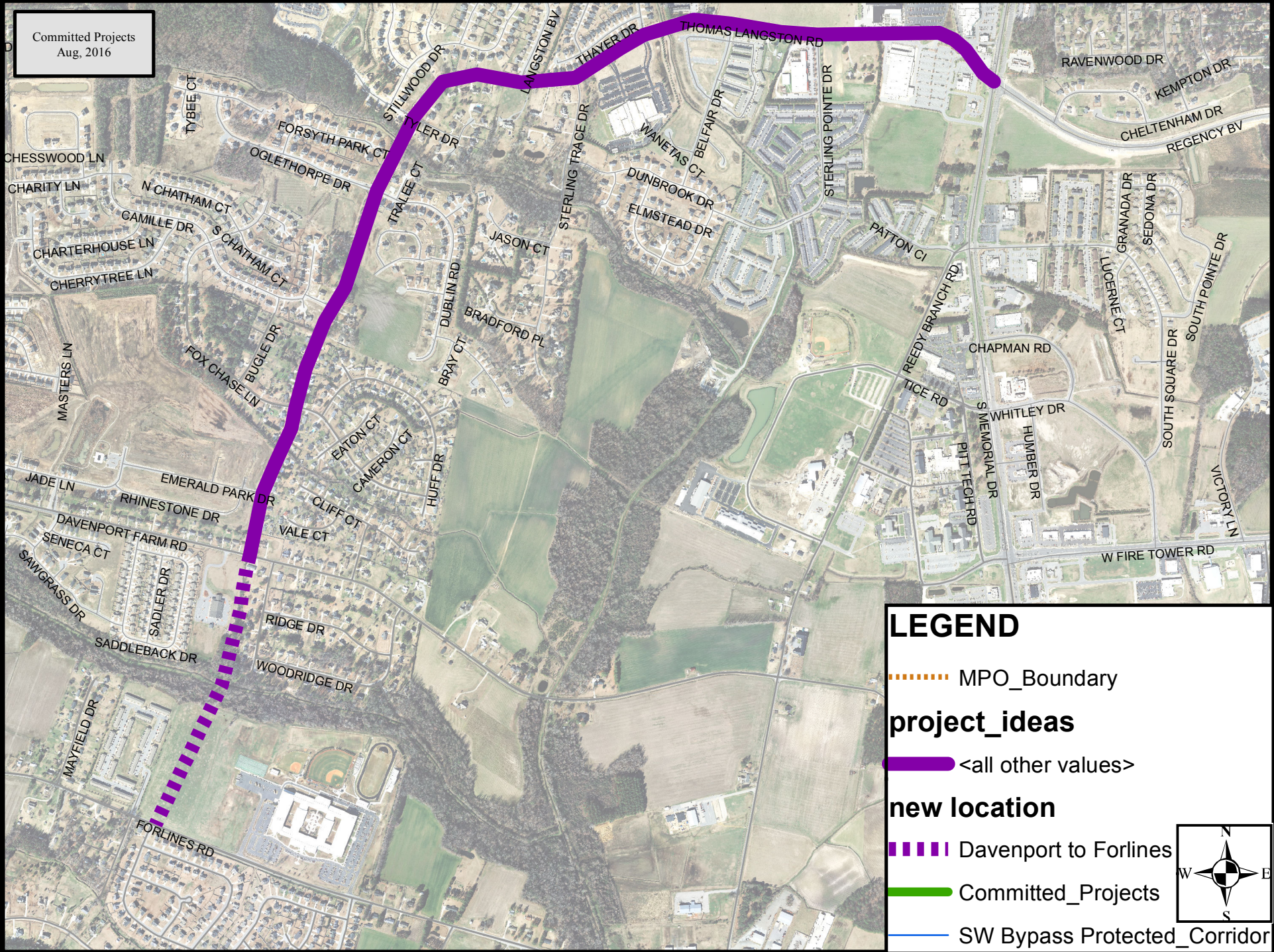
1. Frog Level Road modernization
2. NC903 modernization

Action Needed: Should TCC desire any of the identified new projects and wants to remove lower priority projects from the MPT, TCC would then recommend to TAC to instruct MPO staff to modify the MTP for removal/inclusion of their desired projects.

Committed Projects and future project ideas
Aug, 2016



Committed Projects
Aug, 2016



LEGEND

----- MPO_Boundary

project_ideas

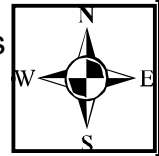
———— <all other values>

new location

----- Davenport to Forlines

———— Committed_Projects

———— SW Bypass Protected_Corridor



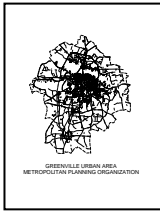
Modified Aug 2015

Roadway Projects Expected to Be Funded in 2014-2040

TIP Project ID No.	Project Description	From	To	Estimated year of project	Cost Estimate Year of Expenditure (\$k)
U-3315	Tenth Street Connector	Memorial Drive	Tenth Street	2015	51,798
U-5606	Dickinson Ave modernization	NC11	Reade Circle	2016	8,653
R-2250	Southwest Bypass	US 264	NC 11 Ayden	2018	271,367
	Signal System hardware upgrade/replacement			2019	9,733
U-2817	Evans Street/Old Tar Road widening	US 264A Greenville Blvd	SR 1711 Worthington Rd	2022	33,021
	Boyd St modernization (Winterville)	NC11	Railroad St	2023	2,373
	Laurie Ellis Road-NC 11 Connector, Winterville	Mill Street	NC 11	2024	2,165
U-5006	Fire Tower Road extension to SW Bypass	NC 11	SW Bypass	2024	21,706
	Fire Tower Road Phase 3 widening	NC 43	Fourteenth St.	2026	7,174
	Allen Road Widening	US 264 (Stantonsburg Road)	US 13	2027	23,578
	NC11 -- construct to interstate standard	SW Bypass	Littlefield Rd	2029	49,353
FS-1002B	Greenville Boulevard modernization/improvements	NC 11	US264 East	2029	71,968
	Frog Level Road (SR 1127) modernization	US 13	NC 903	2031	46,649
	Fourteenth Street (SR 1703 and SR 1704)	Red Banks Road	Fire Tower Road	2032	18,463
	Fire Tower Road Phase 4 and Portertown Rd	Fourteenth Street	NC-33 East	2033	34,341
	NC 43 South Widening	Bells Fork Plaza	Worthington Road	2034	47,068
	US13/NC11 (Memorial Dr north) -- construct to interstate standard	US264	Allpine-Taylor Rd	2034	97,968
	NC102 turn lanes into Ayden Elementary School	Jolly Road	Ayden Middle School Rd	2036	8,497
R-3407	NC-33 widening, Greenville to Tarboro	US 264	MPO Boundary	2036	29,275
	NC 903 modernization	NC 11	MPO Boundary	2037	55,394
	Arlington Blvd Corridor Management	Firetower Rd	NC43/W. 5th St	2038	32,322
	US264 -- construct to interstate standard	SW Bypass	MPO Boundary	2039	38,450
	Jolly Rd modernization	NC11	NC102	2040	8,816
Greenway/Bicycle/Pedestrian and other Local projects					
EB-4996	Green Mill Run Greenway	Charles Blvd	Evans Park	2014	1,541
EB-5539	South Tar River Greenway, Phase 3	Pitt St	Moye Blvd	2014	2,120
EB-5618	Pedestrian Crosswalk improvements	intersections throughout City of Greenville		2015	811
	NC102 pedestrian enhancements in Ayden	NC11	Lee St	2019	365
	Bike/Ped Bridge over Tar River	River Park North	Town Common	2019	1,582
	Angle St sidewalks (Winterville)	Cooper St	Laurie Ellis Rd	2023	285
	South Tar River Greenway, Phase 2	existing S. Tar River trail	near cemetery on NC33	2025	4,618
	Town common to River Park north trail	River Park North	Town Common	2031	4,052
	Tar River to Hardee Creek	S.Tar River Ph2 trail	NC33 int. w/Bell's Branch	2033	2,107
	Throughout MPO- Various sidewalk, pedestrian, and greenway projects	varies	varies	2014-2040	13,862
B-5100	King George Road Bridge #421	replace bridge #421		2015	797
	Oxford Road Bridge #419	replace bridge #419		2020	1,217
	Throughout MPO - Various Bridge replacment projects	varies	varies	2014-2040	41,587
	Throughout MPO - Safe Routes-to-School projects	varies	varies	2014-2040	2,079
	Other locally-funded roadway projects	varies	varies	2014-2040	27,725
	Intersection projects (various--refer to text)	varies	varies	2014-2020	27,725
	Throughout MPO -Various Rail projects	varies	varies	2014-2040	11,000
Total:					\$ 1,113,605

Unfunded Roadway Projects

TIP Project ID No.	Project Description	From	To	2014 cost (\$k)	
	Forlines Rd Widening	NC 11	SW Bypass	23,949	
	Ivy Road, Tucker Road, Ayden Golf Club Rd	NC-102	NC33 East/E. 10th St	26,277	
	NC-33 East Widening	Blackjack Simpson Road	MPO Boundary	22,312	
	Allen Road Extension	MacGreggor Downs Road	NC 43	4,328	
	NC 43 South Widening	Worthington Street	Lester Mills Road	1,556	
	Brownlea Drive Extension	Tenth Street	Fourteenth Street	1,808	
	Dickinson Avenue Widening	Memorial Drive	Arlington Blvd	4,234	
	Dickinson Avenue Widening	Arlington Blvd	Speight Seed Farm Road	40,369	
	Reedy Branch Rd/Jack Jones Rd/SR 1725 Improvements and Connections, Winterville	NC 11	County Home Road	17,654	
	Fourteenth Street Widening	Charles Blvd	Elm Street	5,617	
	Main Street/Worthington Road Connector	Main Street	Worthington Road	7,383	
	Juanita Avenue Extension, Ayden	Snow Hill Road	Weyerhaeuser Road	6,873	
	Mill Street/Old NC 11 Widening, Winterville	NC 11 (Winterville Pkwy)	SR 1131 Reedy Branch Road	21,809	
	Arlington Blvd Widening	Stantonsburg Rd	Greenville Blvd	33,254	
	County Home Road Widening	Firetower Rd	Worthington Road	18,217	
	Hines Rd Extension	NC 11	Juanita Ave	2,612	
	Mobely Bridge Rd Extension	NC 43 South	Ivy Rd	5,521	
	NC 43 North Widening	US 264	MPO Boundary	16,874	
	Southeast Bypass	NC 11	US 264 East	177,743	
	Ayden Southern Loop (Ayden)	Weyerhaeuser Rd	Ayden Golf Club Rd	6,536	
	Signature Drive	NC 43	County Home Road	1,711	
	Frontgate Drive Extension	End of Pavement	Thomas Langston Rd	3,175	
	Northeast Bypass	US 264	NC33 East	139,101	
	Reedy Branch Rd Extension	NC 11	Reedy Branch Rd	2,093	
Totals:					\$ 591,004



Attachment 4g

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: Amendments to the Comprehensive Transportation Plan (CTP) Highway Map.

Purpose: Amend the CTP Highway Map as follows:

1. Re-align the WH Smith extension to connect with Memorial Drive, at the Glenwood Dr intersection. Maintain classification of “recommended”.
2. Reclassify segments of Arlington Boulevard as “existing” to “needs improvement”
 - a. From W. 5th St to Stantonsburg Road
 - b. From Greenville Blvd to Firetower Road
3. Extend Thomas Langston Road from its current terminus at Davenport Farm Road to Forlines Road. Classify as “recommended”.
4. Reclassify Regency Blvd (Between NC11 and Evans St) from “recommended” to “needs improvement”.
5. Reclassify NC43 between Greenville Blvd and Firetower Rd from “existing” to “needs improvement”
6. Re-align Firetower Rd extension project to mirror the Reedy Branch Rd alignment and then along Forlines Rd. Maintain current classification of “recommended” and “needs improvement”.
7. Reclassify Evans St between Greenville Blvd and 10th St from “existing” to “needs improvement”.
8. Reclassify NC33 from Greenville Blvd to Portertown from “existing” to “needs improvement”
9. Reclassify Boyd Street in Winterville from “existing” to “needs improvement” from NC11 to Railroad St.

Discussion:

In 2001, revisions were made to North Carolina General Statute 136-66.2 that were intended to expand current transportation planning in North Carolina to include consideration of non-roadway alternatives. The changes include the development of a Comprehensive Transportation Plan (CTP). The CTP is a long-term “wish-list” of recommended transportation improvements intended for an entire MPO planning area. It doesn’t have a specific timeline, cost, or funding source. The plan is expected to be a living document that provides for inter-jurisdictional cooperation and planning. The CTP replaces the previously used thoroughfare plan model. The CTP shall be based on information such as population growth, economic conditions and prospects, and patterns of land development in and around municipalities. In the development of the CTP, consideration shall be given to all transportation modes including: street systems; transit alternatives; and bicycle, pedestrian, and operating strategies. The MPO may include projects in its CTP that are not included in a financially constrained plan (Long-Range Transportation Plan or LRTP) or are anticipated to be needed beyond the horizon year of a LRTP.

The City of Greenville City Council at its August, 2016 meeting requested that the MPO consider modifications 1-8 (above) to the CTP Highway Map. Modification #9 was requested by the Town of Winterville, and modification #10 is requested by NCDOT Division 2.

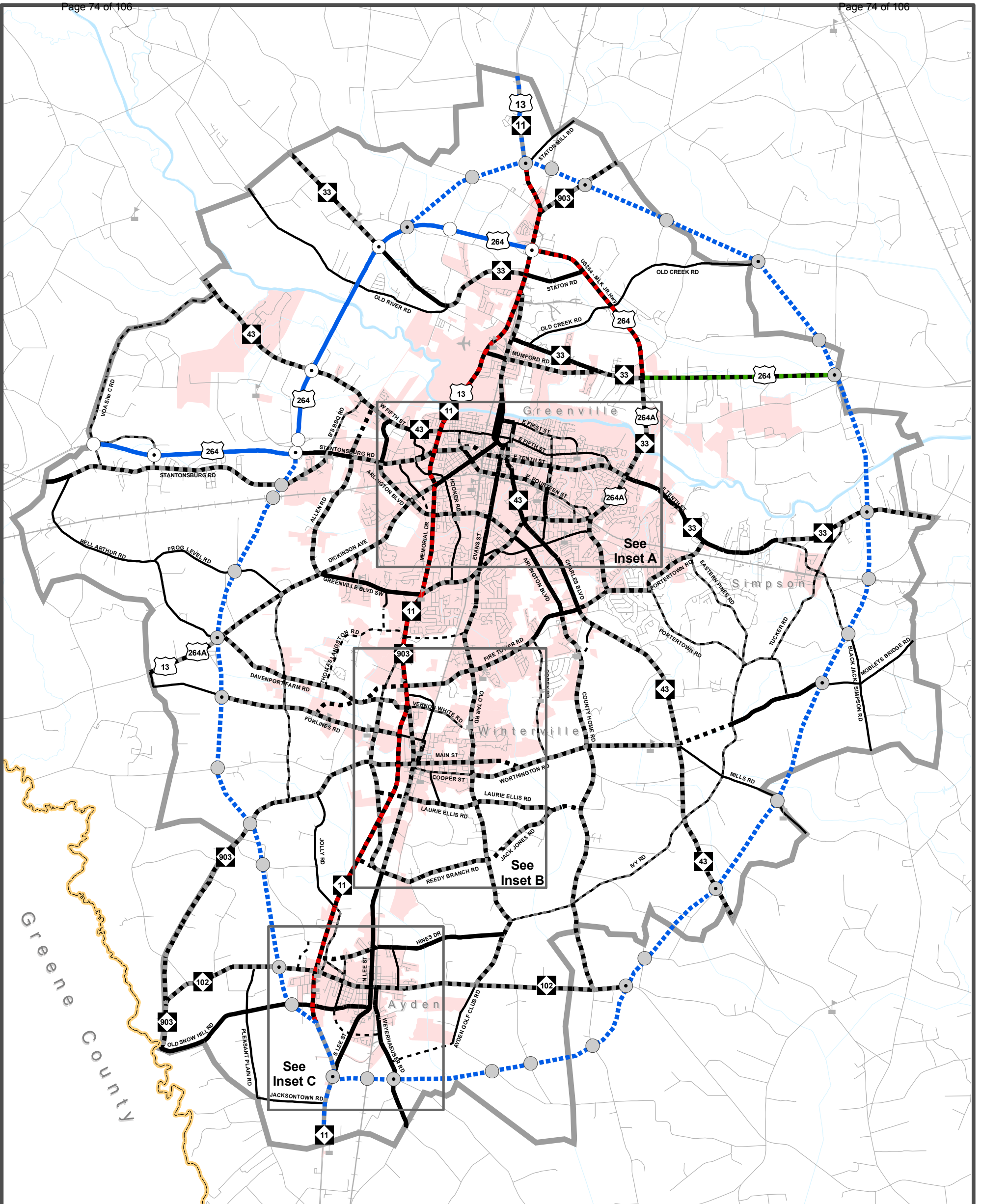
The proposed modifications to the CTP Highway Map have been advertised for a 30-day public comment period in accordance with the MPO's Public Involvement Plan (PIP). Furthermore, a public hearing was advertised and held on August 16, 2016 at a regularly-scheduled Greenville City Council meeting. No comments were offered at the public hearing, and Council's request passed unanimously.

Winterville held a public hearing at their regularly-scheduled September 12, 2016 Town Council meeting. At that meeting, Council made a motion to request the MPO modify Boyd St on the CTP map, and not include a Worthington Road to Forlines Road Connector on new location between Corey Road and Old Tar Rd.

Action Needed: TCC recommends that TAC adopt resolution 2016-09-GUAMPO amending the CTP Highway Map as indicated.

Attachments:

- Resolution 2016-09-GUAMPO
- Presentation depicting the proposed modifications to the CTP Highway Map



Freeways

- Existing
- Needs Improvement
- Recommended

Expressways

- Existing
- Needs Improvement
- Recommended

Boulevards

- Existing
- Needs Improvement
- Recommended

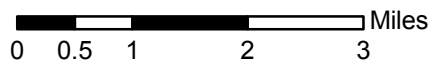
Other Major Thoroughfares

- Existing
- Needs Improvement
- Recommended

Minor Thoroughfares

- Existing
- Needs Improvement
- Recommended

- Existing Interchange
- Proposed Interchange
- Existing Grade Separation
- Proposed Grade Separation



Sheet 2 of 5

Base map date: 7/29/2008

Refer to CTP document for more details

Greenville Urban Area MPO

Highway Map North Carolina Comprehensive Transportation Plan

Plan date: October 3, 2011

**PROPOSED AMENDMENTS TO CTP
HIGHWAY MAP
PRESENTATION TO:**

**TCC – SEPTEMBER 21, 2016
&
TAC – OCTOBER 4, 2016**

CTP = Comprehensive Transportation Plan

**Replaces what was previously known as the
“Thoroughfare Plan”.**

Long-range vision for transportation facilities.

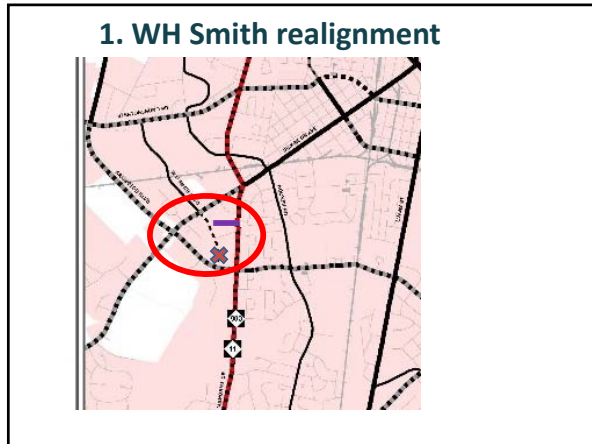
**9 changes to the Highway Map for MPO to
consider today**

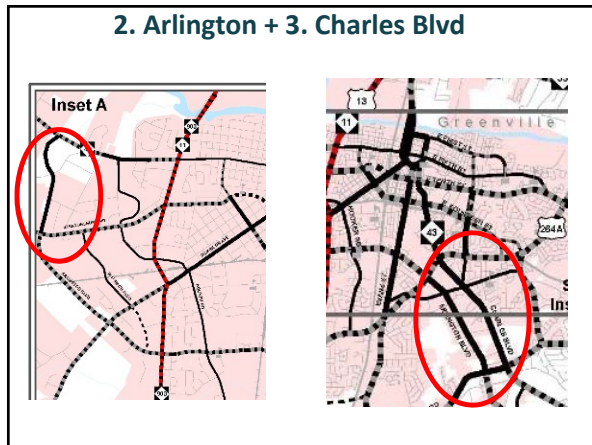
Path to a full CTP document and set of maps

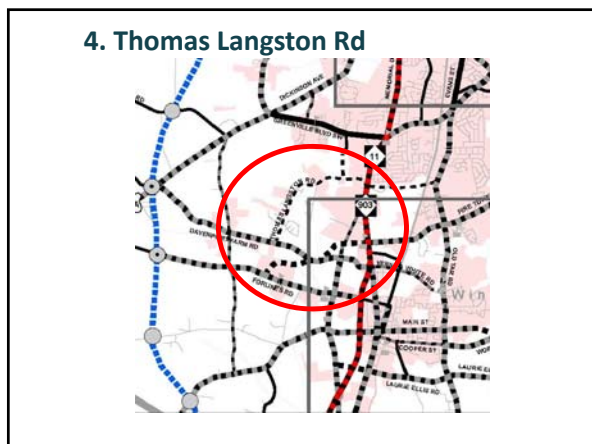
1. Update travel demand model

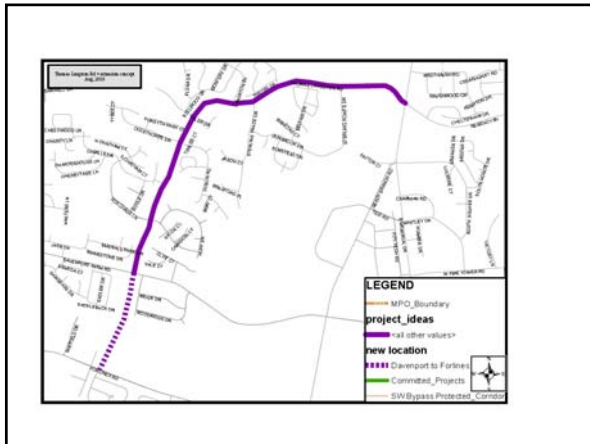
- a) Funds need to be reprogrammed in current PWP
- b) MPO staff begins development of RFQ/RFP
- c) Obtain NCDOT approval of RFP for modeling services.
- d) Advertise RFP. Select Consultant.
- e) Seek Greenville City Council approval to enter Planning Services contract.
- f) Conduct model update.

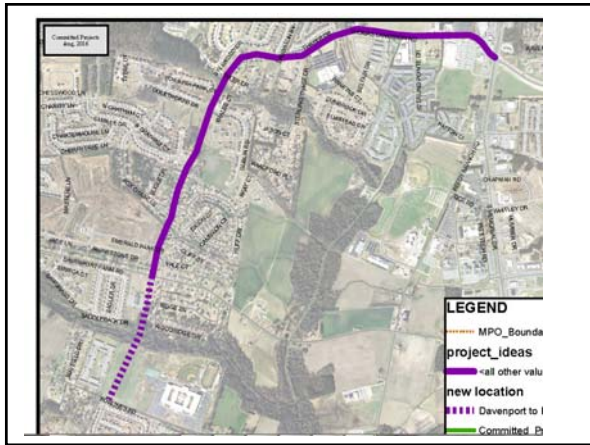
2. Initiate CTP development
**Both require heavy involvement of NCDOT staff and local
municipality and Pitt County input**

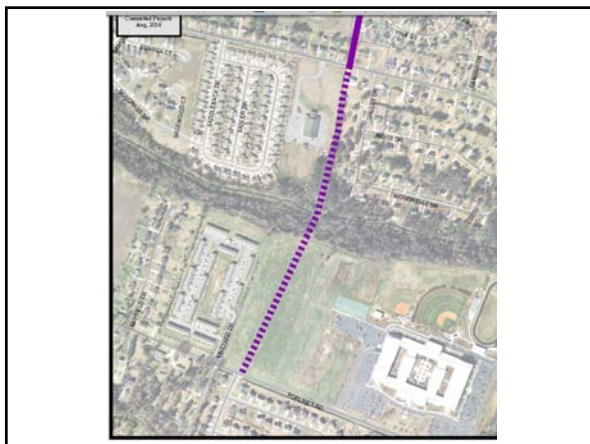


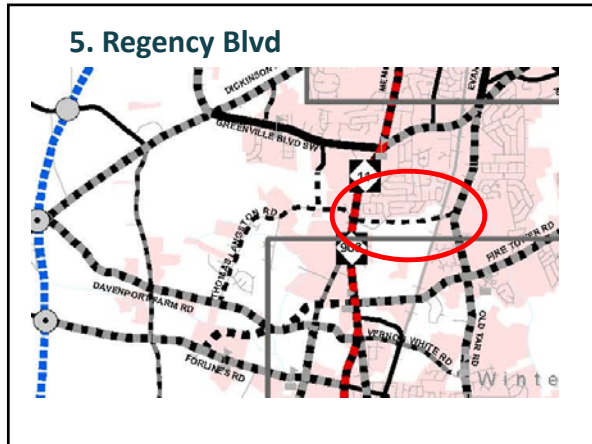


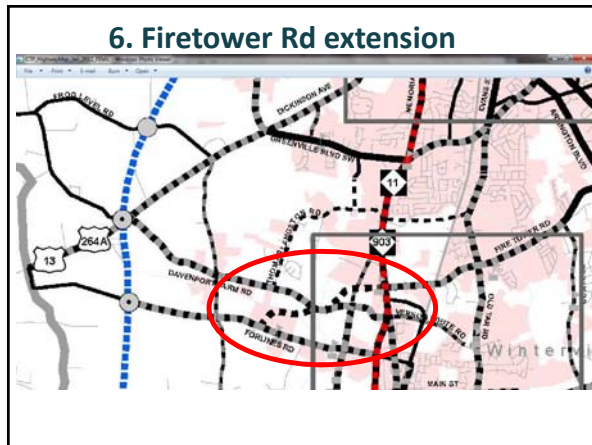


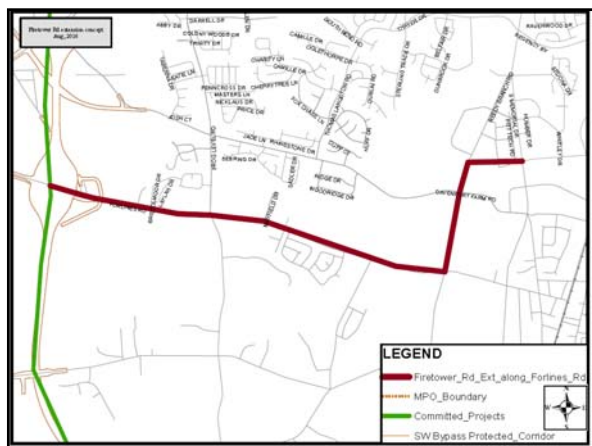








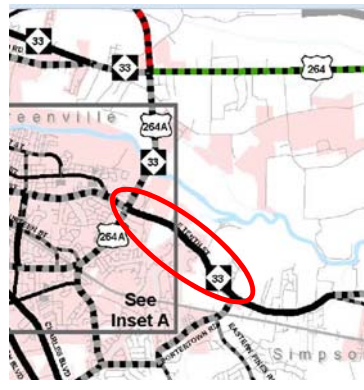




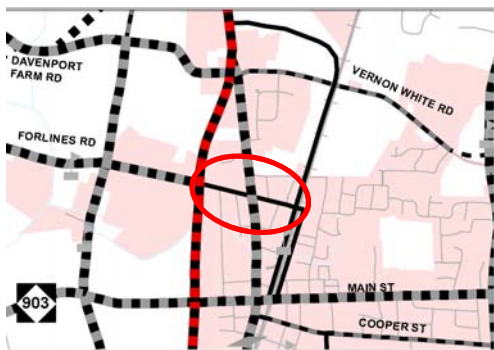
7. Evans St



8. NC 33



9. Boyd St



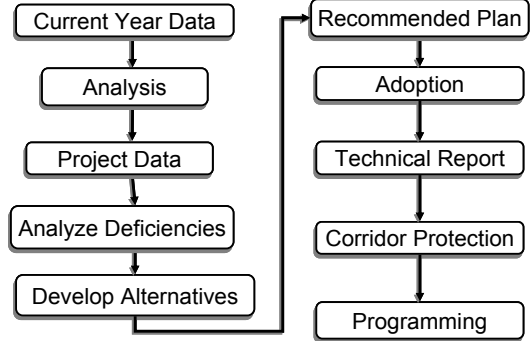
Questions?

Pitt County CTP -- Quick Reference

Long Range Transportation Planning

- ❖ **Purpose:**
Identify existing and future transportation deficiencies
- ❖ **Primary Objective:**
Reduce traffic congestion.
Improve safety
- ❖ **Product:** Transportation Plan
- ❖ **Benefits:** Minimum disruption, cost savings

Transportation Planning Process:



Previous Transportation Planning in Pitt County:

- Comprehensive Transportation Plan – Pitt County, June 2009
- Urban Area Thoroughfare Plan – Farmville, May 1993
- Urban Area Thoroughfare Plan – Grifton, November 1997

Highway Facility Classifications

Five Classifications:

- ❖ Freeways
- ❖ Expressway
- ❖ Boulevard
- ❖ Major and Minor Thoroughfares

Based on the following elements:

- ❖ Speed Limit
- ❖ Medians
- ❖ Access
- ❖ Traffic Signals

How does a CTP assist Transportation Project Development?

- ❖ Projects would be selected from a CTP for inclusion in the Transportation Improvement Program (TIP)
- ❖ STIP is a 10-year planning document and funding schedule
- ❖ The CTP has a 25-30 year time span and is not fiscally constrained

Features of Comprehensive Transportation Plans

Multi-modal:

A map will be produced for each mode of transportation:

- Highway
- Public Transportation & Rail
- Bicycle
- Pedestrian

Benefits of CTP

- Common long range vision for facilities between NCDOT, MPOs, RPOs, and local governments
- Improved community buy-in
- Stronger ties to local priorities
- Improved emphasis on integrating all modes
- Customer-friendly documentation
- Better integration of land use with transportation planning

Adoption/Endorsement Plan

Three levels:

1. Local Adoption

Pitt County & Towns

2. Regional Endorsement

Mid-East RPO

3. State Adoption

NCDOT BOT

(Board of Transportation)

Acronyms

3-C:	Continuing Comprehensive and Cooperative Planning Process
AADT:	Annual Average Daily Traffic
ADA:	Americans with Disabilities Act of 1990
ADT:	Average Daily Traffic
BOT:	Board of Transportation
CAMA:	Coastal Area Management Act
COG:	Council of Government
CTP:	Comprehensive Transportation Planning
DEM:	Division of Emergency Management
DENR:	Department of Environment and Natural Resources
EJ:	Environmental Justice
FC:	Functional Classification
FEMA:	Federal Emergency Management Agency
FTP:	File Transfer Protocol
GIS:	Geographic Information System
GPS:	Global Positioning System
HTF:	Highway Trust Fund
ITRE:	Institute for Transportation Research and Education
LOS:	Level of Service
LPA:	Lead-Planning Agency
LRTP:	Long-range transportation plan
NCDOH:	North Carolina Division of Highways
NCDOT:	North Carolina Department of Transportation
NEPA:	National Environmental Policy Act
PDEA:	Project Development and Environmental Analysis (NCDOT)
PIP:	Public Involvement Plan
PTD:	Public Transportation Division (NCDOT)
PWP:	Planning Work Program
RPO:	Rural Planning Organization
ROW:	Right-of-Way
SAFETEA-LU:	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
TAC:	Transportation Advisory Committee
TAZ:	Transportation Analysis Zone
TCC:	Technical Coordinating Committee
TEAAS:	Traffic Engineering Accident Analysis System software
TIP:	Transportation Improvement Program
TPB:	Transportation Planning Branch (NCDOT)
STIP:	State Transportation Improvement Program

**RESOLUTION NO. 2016-09-GUAMPO
AMENDMENT TO THE COMPREHENSIVE TRANSPORTATION PLAN HIGHWAY MAP**

WHEREAS, the Greenville Urban Area Metropolitan Planning Organization (GUAMPO) and the North Carolina Department of Transportation (NCDOT) actively worked to develop the Comprehensive Transportation Plan Highway Map.

WHEREAS, it is recognized that the highway map is but one element towards the development of a Comprehensive Transportation Plan (CTP) that will entail other modes of transportation when completed; and

WHEREAS, development of a Comprehensive Transportation Plan is directed by North Carolina General Statutes (NCGS) 136-66.2; and

WHEREAS, the purpose of the CTP is to document present and future transportation needs and the proposed solutions to meet those needs and act as an update to the Thoroughfare Plan; and

WHEREAS, the CTP Highway Map may be used by local officials to plan for transportation facilities that reflect the needs of the public while minimizing disruptions to local residents, businesses, and the environment; and

WHEREAS, a CTP Highway Map mutually adopted by the NCDOT Board of Transportation and GUAMPO will aid the region and State in making transportation decisions affecting the economic climate and quality of life within the Greenville Urbanized Area; and

WHEREAS, the Highway Map of the Comprehensive Transportation Plan was last adopted by the Board of Transportation on July 9, 2009, and October 3, 2011; and

WHEREAS, the City of Greenville's City Council, at their August 18, 2016 meeting requested that the MPO amend the CTP Highway Map for items #1-8 below; and

WHEREAS, the Town of Winterville's Town Council, at their September 12, 2016 meeting requested that the MPO amend the CTP Highway Map for item #9 below; and

NOW, THEREFORE, BE IT RESOLVED by the Transportation Advisory Committee of the Greenville Urban Area MPO that it does amend the Highway Map of the Comprehensive Transportation Plan, dated October 3, 2011 as follows:

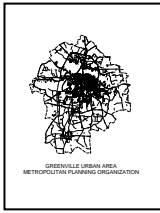
1. Re-align the WH Smith extension to connect with Memorial Drive, at the Glenwood Dr. intersection. Maintain classification of "recommended".
2. Reclassify segments of Arlington Boulevard as "existing" to "needs improvement"
 - a. From W. 5th St to Stantonsburg Road
 - b. From Greenville Blvd to Firetower Road
3. Extend Thomas Langston Road from its current terminus at Davenport Farm Road to Forlines Road. Classify as "recommended".
4. Reclassify Regency Blvd (Between NC11 and Evans St) from "recommended" to "needs improvement".
5. Reclassify NC43 between Greenville Blvd and Firetower Rd from "existing" to "needs improvement"

6. Re-align Firetower Rd extension project to mirror the Reedy Branch Rd alignment and then along Forlines Rd. Maintain current classification of “recommended” and “needs improvement”.
7. Reclassify Evans St between Greenville Blvd and 10th St from “existing” to “needs improvement”.
8. Reclassify NC33 from Greenville Blvd to Portertown from “existing” to “needs improvement”
9. Reclassify Boyd Street in Winterville from “existing” to “needs improvement” from NC11 to Railroad St.

Today, October 4, 2016.

Mayor Allen Thomas, Chair
Transportation Advisory Committee
Greenville Urban Area MPO

Amanda Braddy, Secretary



Attachment 4h

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: Modifications and/or Additions to the 2016-2025 Transportation Improvement Program (TIP)

Purpose: Amend the TIP to add and/or modify a number of transportation projects, as shown below.

PROJECT MODIFICATIONS

1. EB-5539 (South Tar River Greenway, Phase 3)
 - Delay Construction from FY16 to FY17 to allow additional time for Right-of-Way acquisition.
2. W-5702DIV, Various, Safety improvements at various locations in Division 2
 - Add right-of-way and construction not previously programmed
3. W-5702REG, Various, Safety improvements at various locations in Division 2
 - Add right-of-way and construction not previously programmed
4. W-5702SW, Various, Safety improvements at various locations in Division 2
 - Add right-of-way and construction not previously programmed
5. R-5782, Various, Division 2 Transportation Alternatives Program
 - Add construction in FY16 not previously programmed

Discussion:

NCDOT proposes to modify the referenced project(s) in the State Transportation Improvement Program (STIP).

The Board of Transportation will consider the EB5539 modification for adoption at their June, 2016 meeting. The three W-5702 items will be considered at their July, 2016 meeting and R-5782 will be considered at their September, 2016 meeting.

To follow the proper protocol for the expenditure of Federal funds, the 2016-2025 TIP must be amended to correspond with projects in the STIP. This amendment would modify the TIP as indicated above and in the adoption resolutions.

In accordance with the MPO's Public Involvement Plan, these proposed amendments to the 2016-2025 TIP were advertised in the local newspaper for a minimum of 10 days. No public comments were received.

Action Needed: TCC recommend that TAC adopt resolution 2016-10-GUAMPO amending the TIP as indicated.

Attachments: Resolution 2016-10-GUAMPO.

**RESOLUTION NO. 2016-10-GUAMPO
AMENDING THE GREENVILLE URBAN AREA MPO
TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FY 2016-2025**

WHEREAS, the Transportation Advisory Committee has reviewed the FY 2016-2025 Transportation Improvement Program (TIP) and found the need to amend said document for projects identified below;

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

PROJECT MODIFICATIONS: FOLLOWING PROJECTS CURRENTLY IN TIP.												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025

ORIGINAL												
EB-5539 South Tar River Greenway, Phase 3: Pitt Street towards Moye Blvd in vicinity of Pitt Memorial Hospital Construct greenway using existing sidewalks, roads, and on new location along the river.												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
1,728		DP	660									
		STPEB	903									
		L	165									

MODIFICATION												
EB-5539 South Tar River Greenway, Phase 3: Pitt Street towards Moye Blvd in vicinity of Pitt Memorial Hospital Construct greenway using existing sidewalks, roads, and on new location along the river.												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
1,728		DP		660								
		STPEB		903								
		L		165								

PROJECT ADDITIONS: FOLLOWING PROJECTS NOT CURRENTLY IN TIP.												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025

ORIGINAL (R-5782 is not currently in the TIP)
Project has no funds programmed because it is not currently in the TIP.

MODIFICATION												
R-5782 Various, Division 2 Transportation Alternatives Program												
Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
340		TAP	340 (Const)									

PROJECT ADDITIONS: FOLLOWING PROJECTS NOT CURRENTLY IN TIP.

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	F 2021	F 2022	F 2023	F 2024	FY 2025

ORIGINAL (not currently in the TIP)**W-5702DIV****W-5702REG****W-5702SW Various, Safety improvements at various locations in Division 2.**

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	F 2021	F 2022	F 2023	F 2024	FY 2025

Project has no funds programmed because it is not currently in the TIP.

MODIFICATION**W-5702DIV Various, Safety improvements at various locations in Division 2.**

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	F 2021	F 2022	F 2023	F 2024	FY 2025
630		HSIP	30 (ROW)	30 (ROW)	30 (ROW)							
		HSIP	180 (Const)	180 (Const)	180 (Const)							

W-5702REG Various, Safety improvements at various locations in Division 2.

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	F 2021	F 2022	F 2023	F 2024	FY 2025
630		HSIP	30 (ROW)	30 (ROW)	30 (ROW)							
		HSIP	180 (Const)	180 (Const)	180 (Const)							

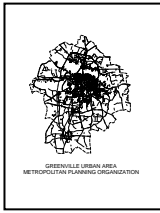
W-5702SW Various, Safety improvements at various locations in Division 2.

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	F 2021	F 2022	F 2023	F 2024	FY 2025
840		HSIP	40 (ROW)	40 (ROW)	40 (ROW)							
		HSIP	240 (Const)	240 (Const)	240 (Const)							

NOW THEREFORE, be it resolved by the Transportation Advisory Committee that the Greenville Urban Area Transportation Improvement Program for FY 2016-2025, originally adopted August 25, 2015 by the Greenville Urban Area Metropolitan Planning Organization shall be amended as listed above today, **October 4, 2016**.

 Mayor Allen Thomas, Chairman
 Transportation Advisory Committee,
 Greenville Urban Area MPO

 Amanda Braddy, Secretary



Attachment 4i

Technical Coordinating Committee

Action Required

September 21, 2016

TO: Technical Coordinating Committee
 FROM: Daryl Vreeland, AICP, Transportation Planner
 SUBJECT: Supporting Interstate designations in Eastern NC

Purpose: Consider resolution supporting designation of Interstate Highway to strategic corridors.

Discussion: On April 5, 2013 TAC adopted a resolution in support of the “quad east” highway system in Eastern NC.

At that time, the MPO endorsed the concept of a regional interstate highway system in Eastern NC, based upon a vision of a regional interstate highway system that fosters regional cooperation, economic development, and enhances mobility and connectivity throughout the region.

The envisioned interstate network would run along existing (or soon-to-be-built) high-speed corridors, some of which are already expected to be built to interstate standards (SW Bypass). That vision involved upgrading US264, NC11, and US70 to interstate highway standard. This would provide for a regional interstate system that would serve the Eastern NC area. The regional interstate concept involves an interstate facility joining I795 with US264, NC11, and US70.

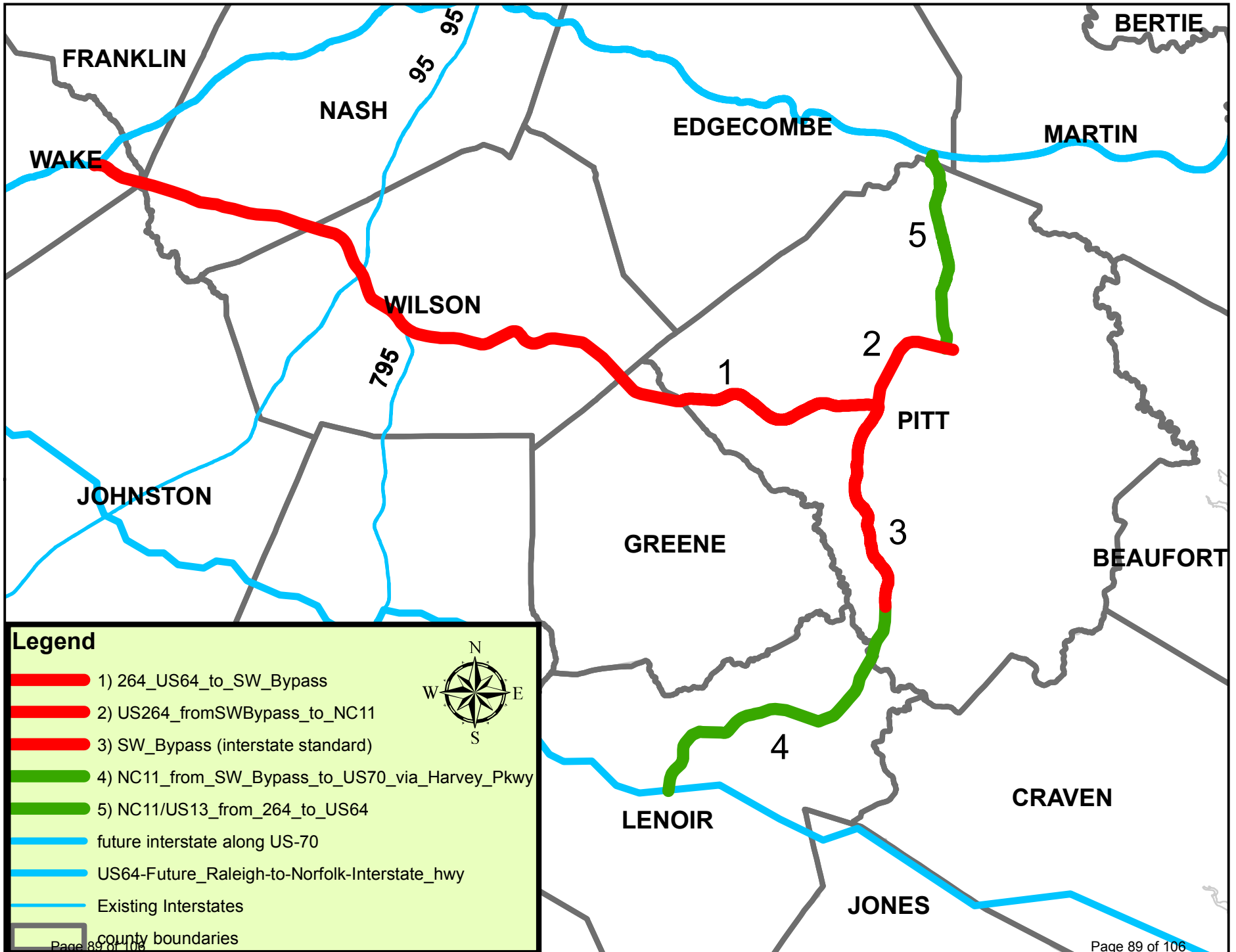
This new resolution expands upon that previous effort by supporting the designation of Interstate Highway of US264 from US64 (in Wake County) to the SW Bypass, along with NC11 from US64 to US70.

Action Needed: Recommend TAC adopt Resolution 2016-11-GUAMPO endorsing the designation of Interstate Highway and construction to interstate standards of 1) NC11 between US64 and US70 (via Harvey Parkway, SW Bypass, and US264) and 2) a) US264 between US64 and 1/2 mile east of NC11, and b) the SW Bypass, between US264 and NC11

Attachments:

- Resolution 2016-11-GUAMPO
- Map highlighting corridor segments to be designated as interstate highways.

Requested Future Interstate Corridors



RESOLUTION NO. 2016-11-GUAMPO

**RESOLUTION SUPPORTING INTERSTATE DESIGNATION OF US264 AND NC11
CORRIDORS IN EASTERN NORTH CAROLINA**

(Supporting Interstate Designation of US264 between US64 ½ mile east of NC11 and the SW Bypass; and NC11/US13 between US64 to US70 via Harvey Parkway, SW Bypass, and US264)

WHEREAS, US264 from US64 to the SW Bypass and NC11/US13 from US64 to US70 (via US264, SW Bypass, and Harvey Parkway) are recognized as strategic transportation corridors in Eastern North Carolina by NCDOT; and

WHEREAS, because of its unique geographic location, these corridors are ideally suited to be upgraded and designated as an Interstate; such a designation would be a boon to industrial and economic development in Pitt, Greene, Wilson, Nash, Lenoir, Edgecombe and eastern Wake Counties, who often find the lack of interstate highway access a deterrent to business recruitment efforts; and

WHEREAS, designation of future interstate corridors in the National Highway System is an important part of the future vision for transportation in the region and is key to promoting job creation and aligning infrastructure with commerce activity; and

WHEREAS, the upgrading to Interstate standards of these corridors will provide regional, State, and National access to and from our region; and

WHEREAS, development of these corridors to Interstate Highway standard will provide for long-term economic sustainability in eastern North Carolina, improved mobility and enhanced connectivity among the region's industrial, military, educational, medical, multi-modal transportation, airports and other regionally significant assets, provide economic development opportunities, and improve emergency evacuations; and

NOW, THEREFORE, BE IT RESOLVED, that the Greenville Urban Area MPO endorses and supports the designation of future interstate corridors of 1) US264 between US64 and 1/2 mile east of NC11, and the SW Bypass, between US264 and NC11, and 2) NC11/US13 from US64 to US70 via US264, SW Bypass, and Harvey Parkway, and fully support the construction to Interstate Highway standards of these corridors.

ADOPTED October 4, 2016

Mayor Allen Thomas, Chairman
Transportation Advisory Committee
Greenville Urban Area MPO

Amanda Braddy, Secretary

OTHER DISCUSSION ITEMS

COUNTY MANAGER
D. Scott Elliott

1717 West Fifth Street
Greenville, NC 27834
Tel: (252) 902-2950
Fax: (252) 830-6311



PITT COUNTY
Agenda Abstract

BOARD OF COMMISSIONERS

Tom Coulson
Charles H. Farley
Jimmy Garris
David Hammond
Melvin McLawhorn
Mark W. Owens, Jr.
Beth B. Ward
Glen Webb
Mary Perkins-Williams

Meeting Date/Time: 7/18/2016 9:00 AM

Agenda Section: Items for Decision

Agenda Title: Resolution for Funding for Transportation Improvements

Presenter: Rhodes, James

Presenting Citizen: Tom Coulson

Summary of Information: As requested by Commissioner Coulson at the June 20th Board meeting, attached is a resolution requesting legislation to change the Strategic Transportation Investments (STI) funding formula. Specifically, the proposed changes would allow additional funding for transportation projects in rural areas and place competition for funding exclusively within the established regions.

A comparable resolution was adopted by Martin County Board of Commissioners on June 29th and the Mid-East Rural Planning Organization (RPO), which covers Beaufort, Martin and Pitt Counties, plans to consider a similar version at its next meeting.

Submitter Recommendations/Motions: Adopt resolution to request legislation to change the NCDOT Strategic Transportation Investments Funding Formula.

County Manager's Comments: Concur with recommendation to approve the drafted resolution to request changes to the Strategic Transportation Investments (STI) funding formula by NCDOT.

RESOLUTION REQUESTING LEGISLATION CHANGING THE STRATEGIC TRANSPORTATION INVESTMENTS FUNDING FORMULA TO INCLUDE A FUNDING AND PRIORITIZATION PROCESS EXCLUSIVE TO GEOGRAPHIC AREAS OF NORTH CAROLINA

WHEREAS, THE Pitt County Board of Commissioners is committed to regional and statewide cooperation in transportation planning; and

WHEREAS, the North Carolina General Assembly in 2013 adopted House Bill 817, creating the Strategic Transportation Investments (STI) legislation, changing transportation funding to a formula that places more emphasis on congestion and population and less on intrastate road improvements, harming rural Highway Divisions; and

WHEREAS, the goal of STI was to better connect all North Carolinians to jobs, health care, education, and recreation experiences through better leveraging of existing funds to enhance the state’s infrastructure and support economic growth; and

WHEREAS, STI allows Statewide Mobility projects, driven by congestion, to cascade down to the regional and Division tiers, leaving little funding for projects in rural areas, while also allowing congestion mitigation projects to be exempt from the process; and

WHEREAS, rural areas like Eastern North Carolina, which lag behind in transportation resources and have valid transportation needs, are willing to have projects compete for funding based on criteria and on a level playing field of competition based on the needs of the region;


THEREFORE BE IT RESOLVED, that the Pitt County Board of Commissioners strongly requests that the Strategic Transportation Investments Funding Legislation be changed to include funding distribution exclusive to the geographic regions of North Carolina.

AND BE IT FURTHER RESOLVED, that the Pitt County Board of Commissioners also requests that each Metropolitan Planning Organization and Rural Planning Organization be allowed to use the Prioritization system to compete for its geographic region’s funding.

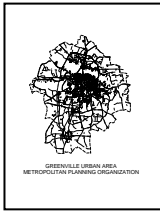
Approved this the 18th day of July, 2016.


Beth B. Ward, Chairman
Pitt County Board of Commissioners

Attest:


Kimberly W. Hines, Clerk to the Board





Appendix

Technical Coordinating Committee

No Action Required

September 21, 2016


TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Bicycle and Pedestrian Counts on local greenways

Purpose: To provide TCC members a summary of bicyclists and pedestrians counted on 2 locations on the greenway system.

Discussion: Greenway counters started providing counts in two locations (East of Dog Park, and on Green Mill Run greenway, between Elm and 10th St) on December 17, 2015. An additional greenway counter was installed on the South Tar River Greenway, near Green Springs Park on May 23, 2016. The counting equipment can differentiate between cyclists and pedestrians.


Action Needed: None.

Attachments: Latest bike/ped counts summary



5th St and Greenwood Cemetery

Period Analyzed: Monday May 23, 2016 to Tuesday September 13, 2016

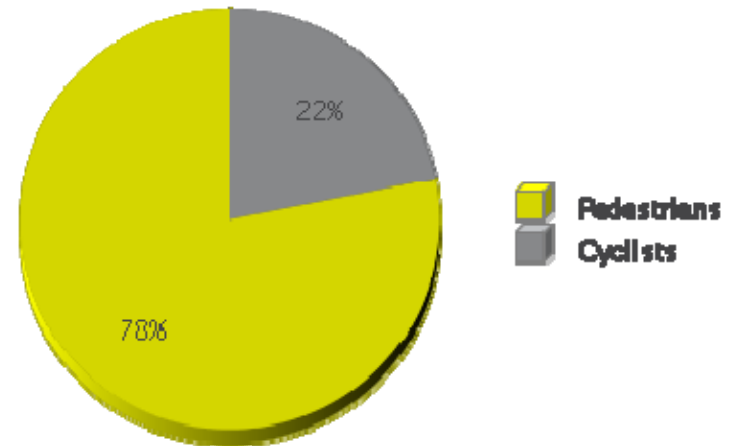




	Total Traffic for the Analyzed Period	Daily Average	Busiest Day of the Week	Busiest Month of the Year	Distribution	
					IN	OUT
Pedestrians	45,259	401	Sunday	June 16 : 13,494	96	4
Cyclists	12,689	112	Sunday	July 16 : 3,590	94	6



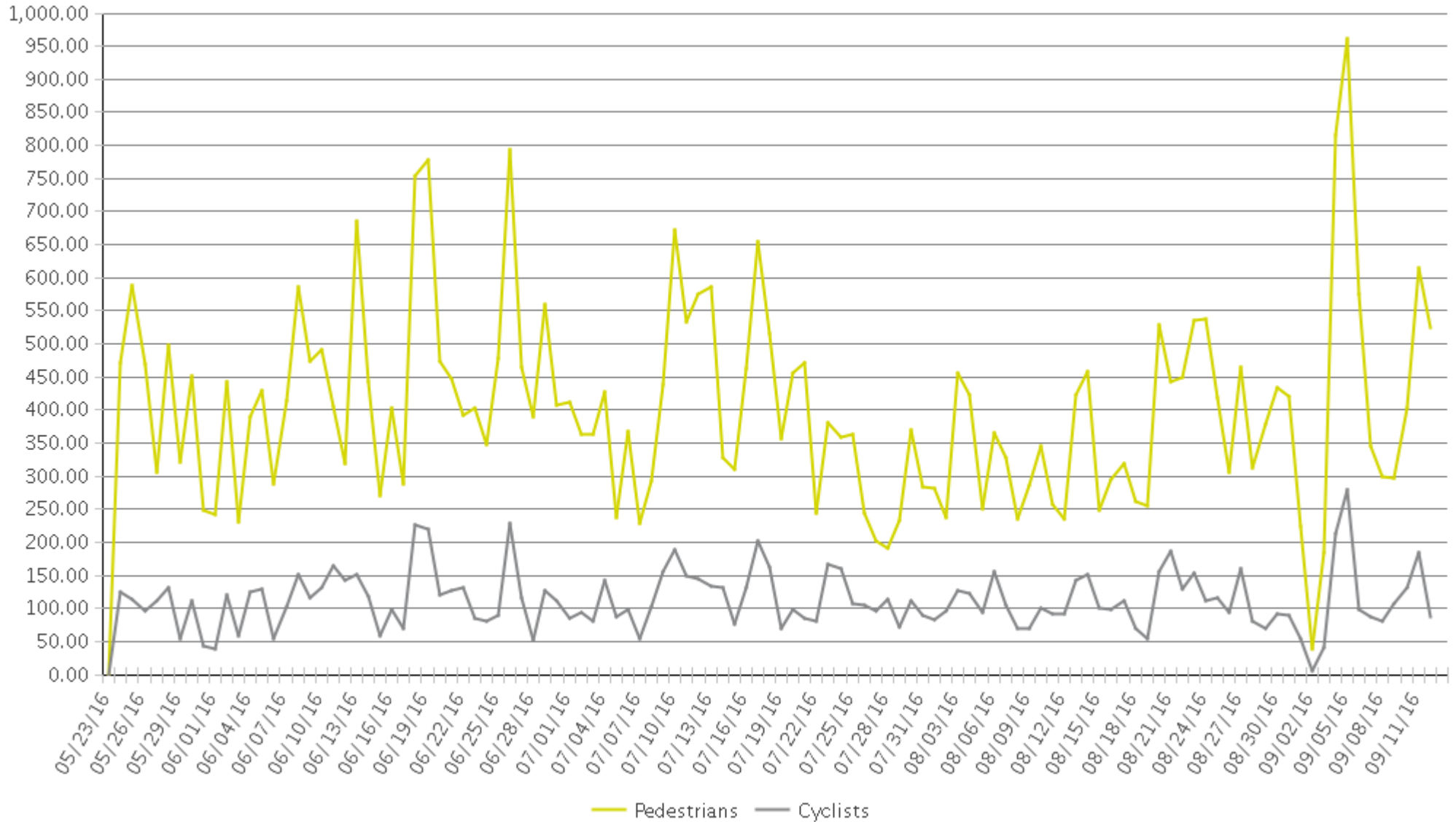
No picture available.
You can add a picture to the counter's Eco-Visio file.





5th St and Greenwood Cemetery

Period Analyzed: Monday May 23, 2016 to Tuesday September 13, 2016





5th St and Greenwood Cemetery (Pedestria...)

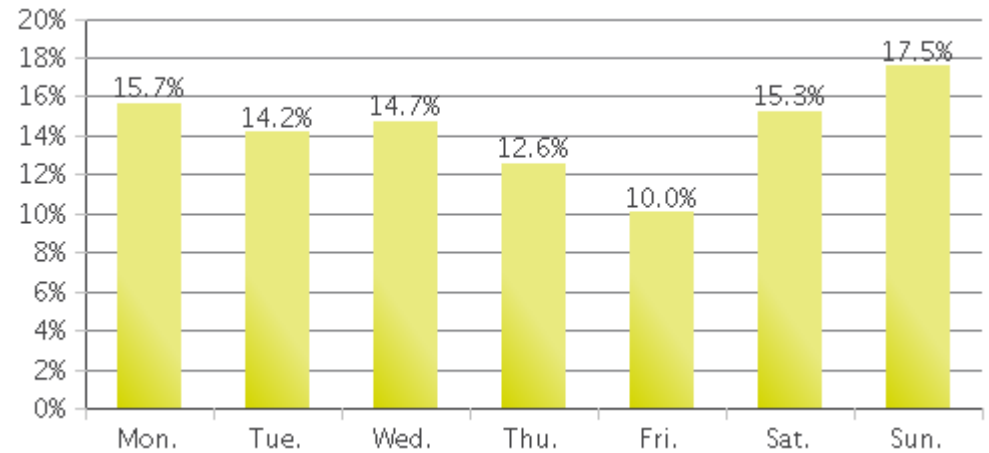
Period Analyzed: Monday May 23, 2016 to Tuesday September 13, 2016



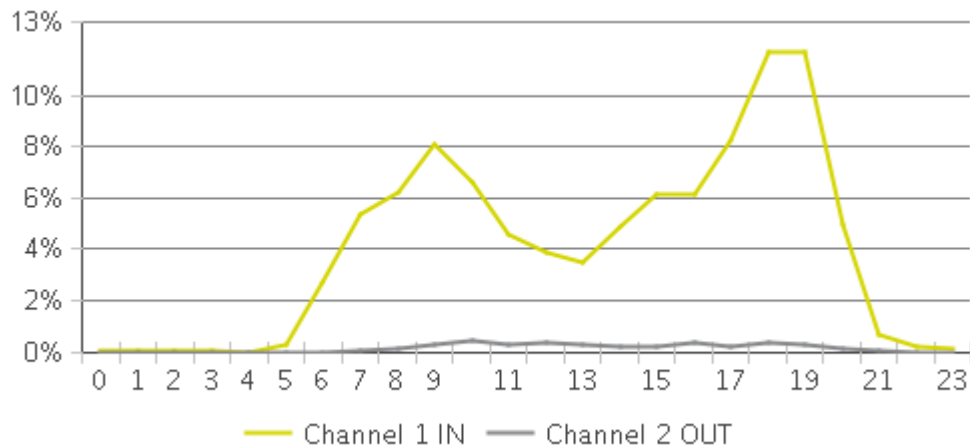
Weekly Traffic



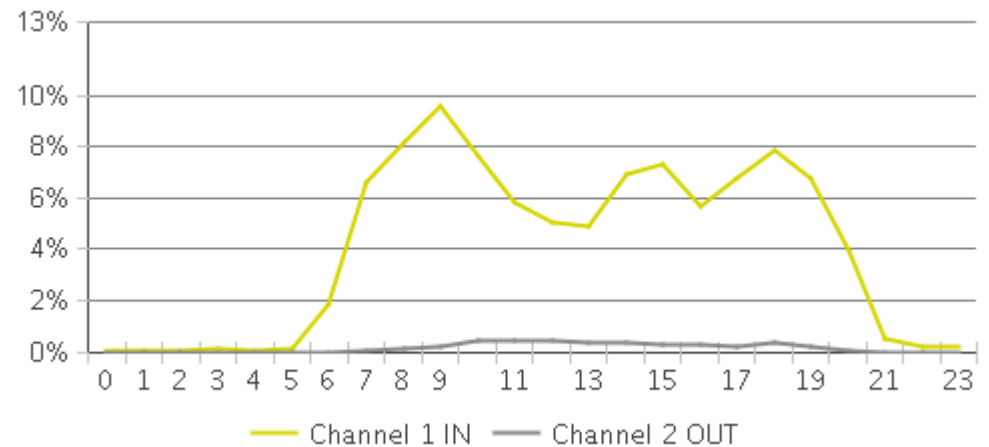
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend



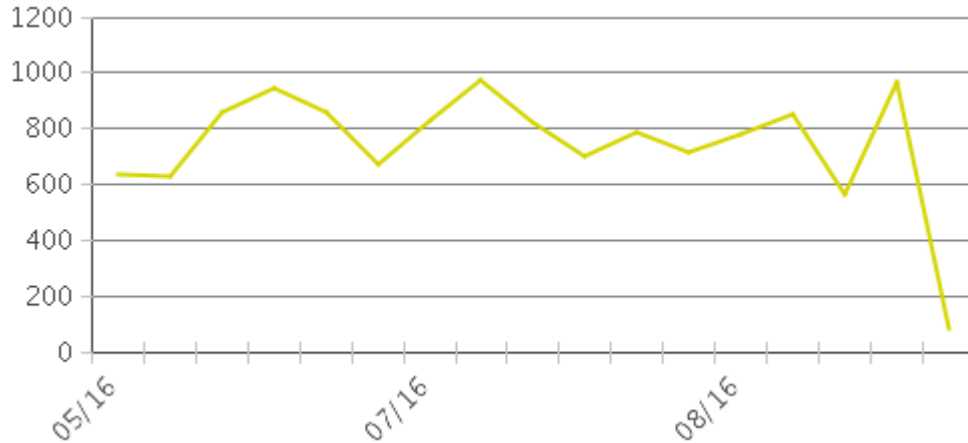


5th St and Greenwood Cemetery (Cyclists)

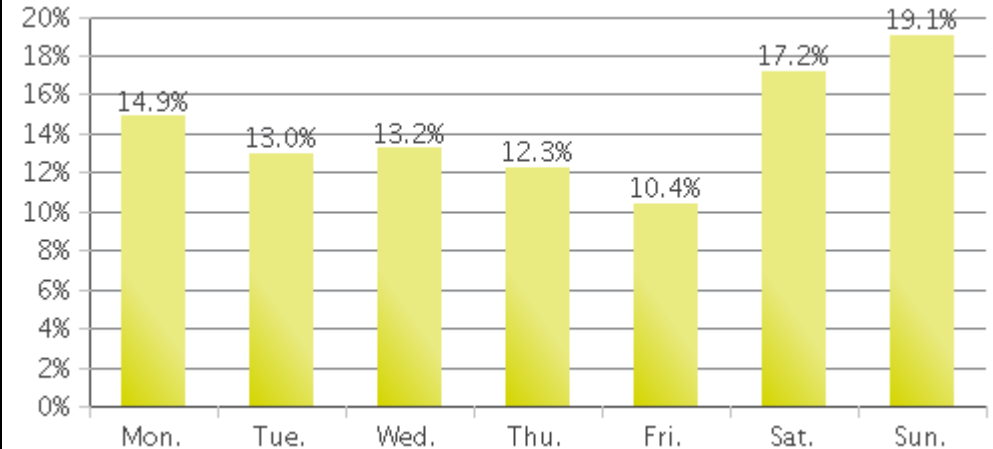
Period Analyzed: Monday May 23, 2016 to Tuesday September 13, 2016



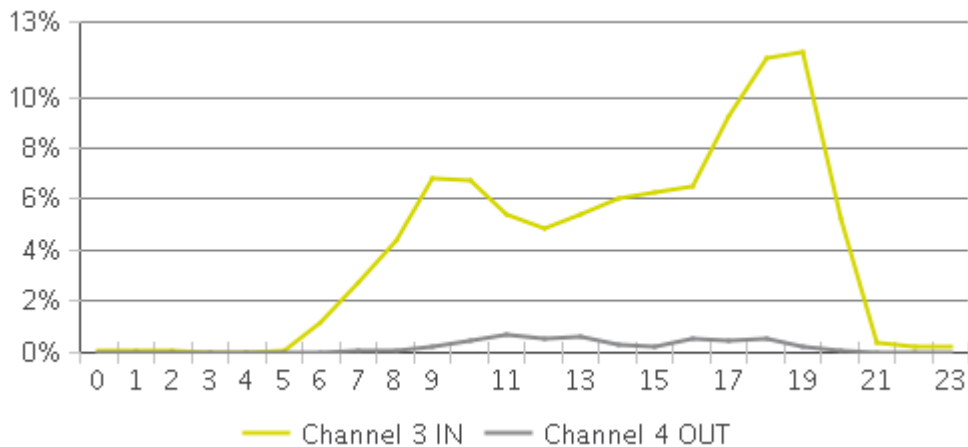
Weekly Traffic



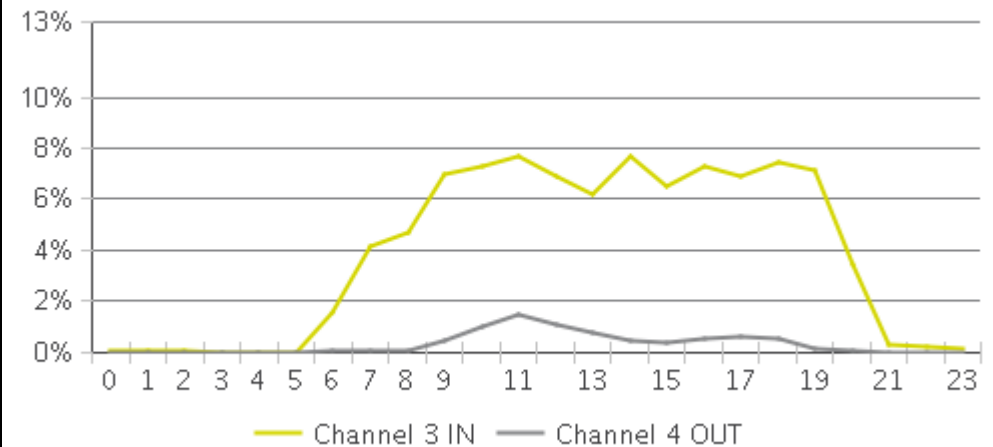
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend





10th St / Forest Hill Dr

Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016

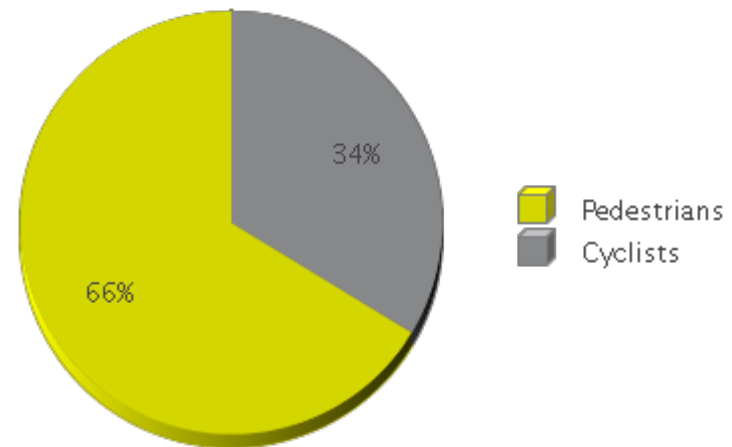


	Total Traffic for the Analyzed Period	Daily Average	Busiest Day of the Week	Busiest Month of the Year	Distribution	
					IN	OUT
Pedestrians	22,267	82	Sunday	April 16 : 3,166	53	47
Cyclists	11,313	42	Saturday	August 16 : 1,804	56	44



No picture available.

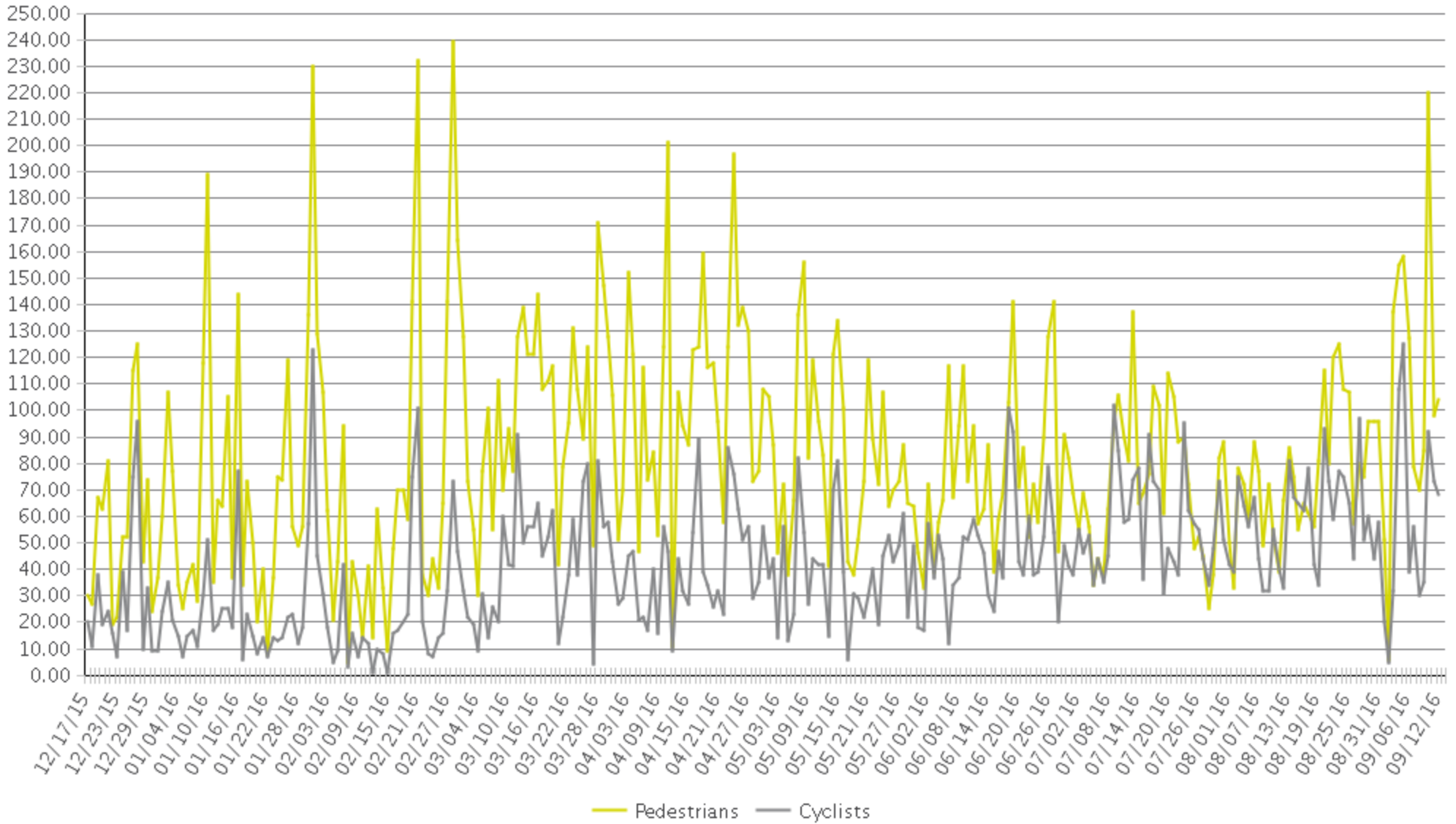
You can add a picture to the counter's Eco-Visio file.





10th St / Forest Hill Dr

Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



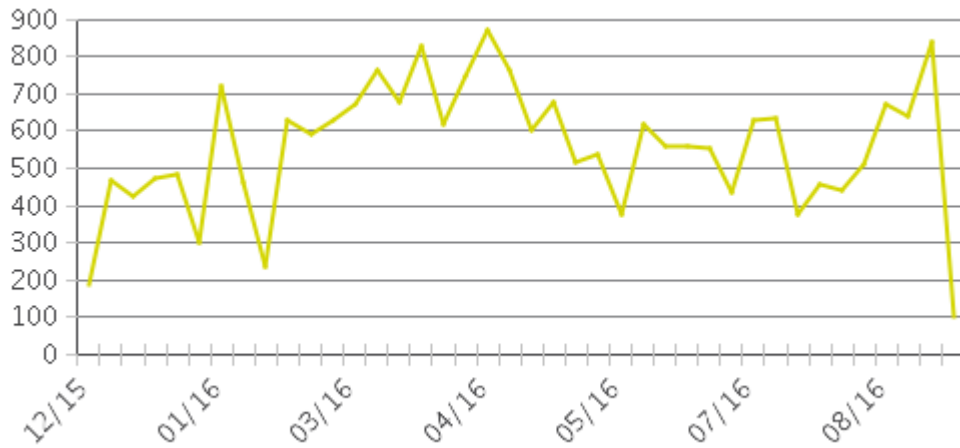


10th St / Forest Hill Dr (Pedestrians)

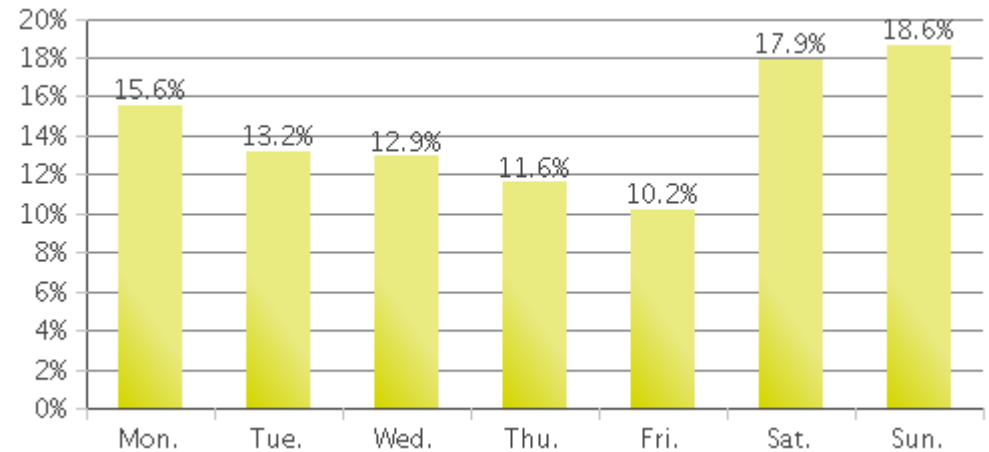
Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



Weekly Traffic



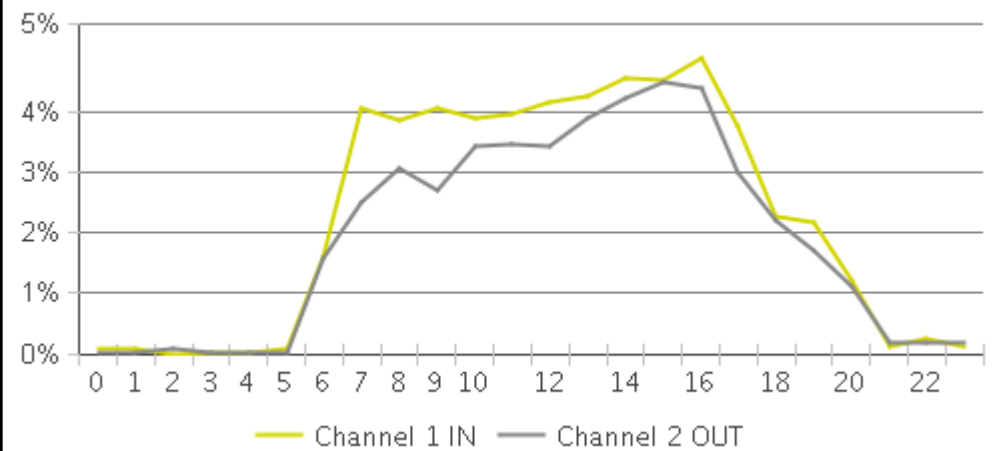
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend



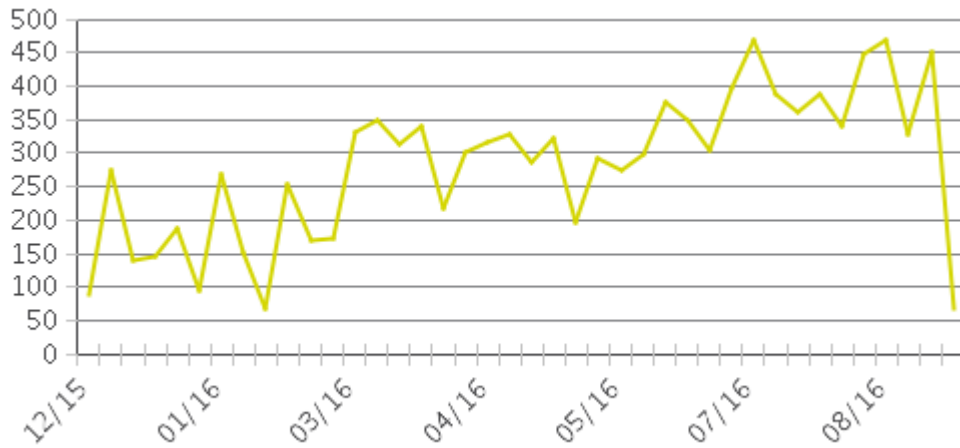


10th St / Forest Hill Dr (Cyclists)

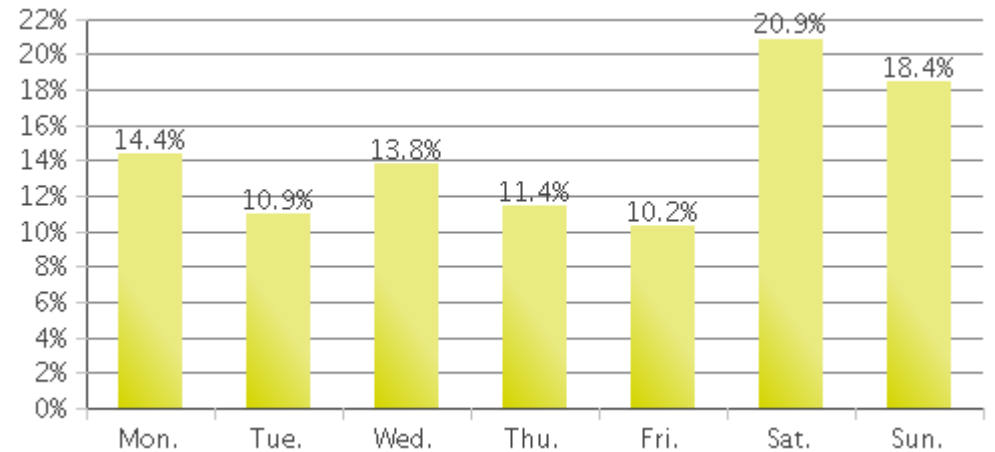
Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



Weekly Traffic



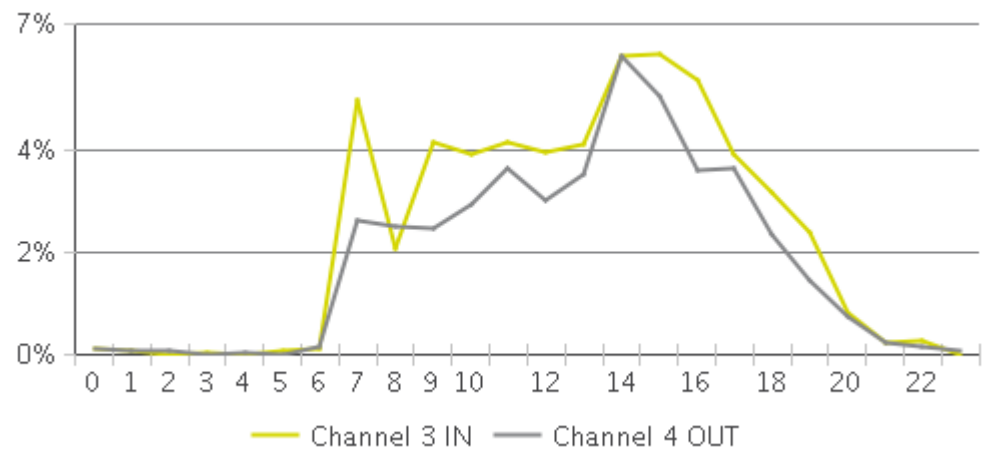
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend





N Warren St / River Dr

Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016

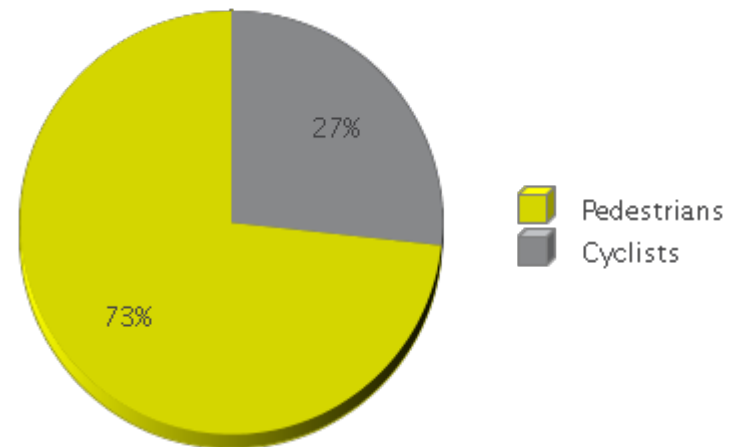


	Total Traffic for the Analyzed Period	Daily Average	Busiest Day of the Week	Busiest Month of the Year	Distribution	
					IN	OUT
Pedestrians	75,162	277	Sunday	April 16 : 12,867	55	45
Cyclists	27,383	101	Sunday	August 16 : 4,049	57	43



No picture available.

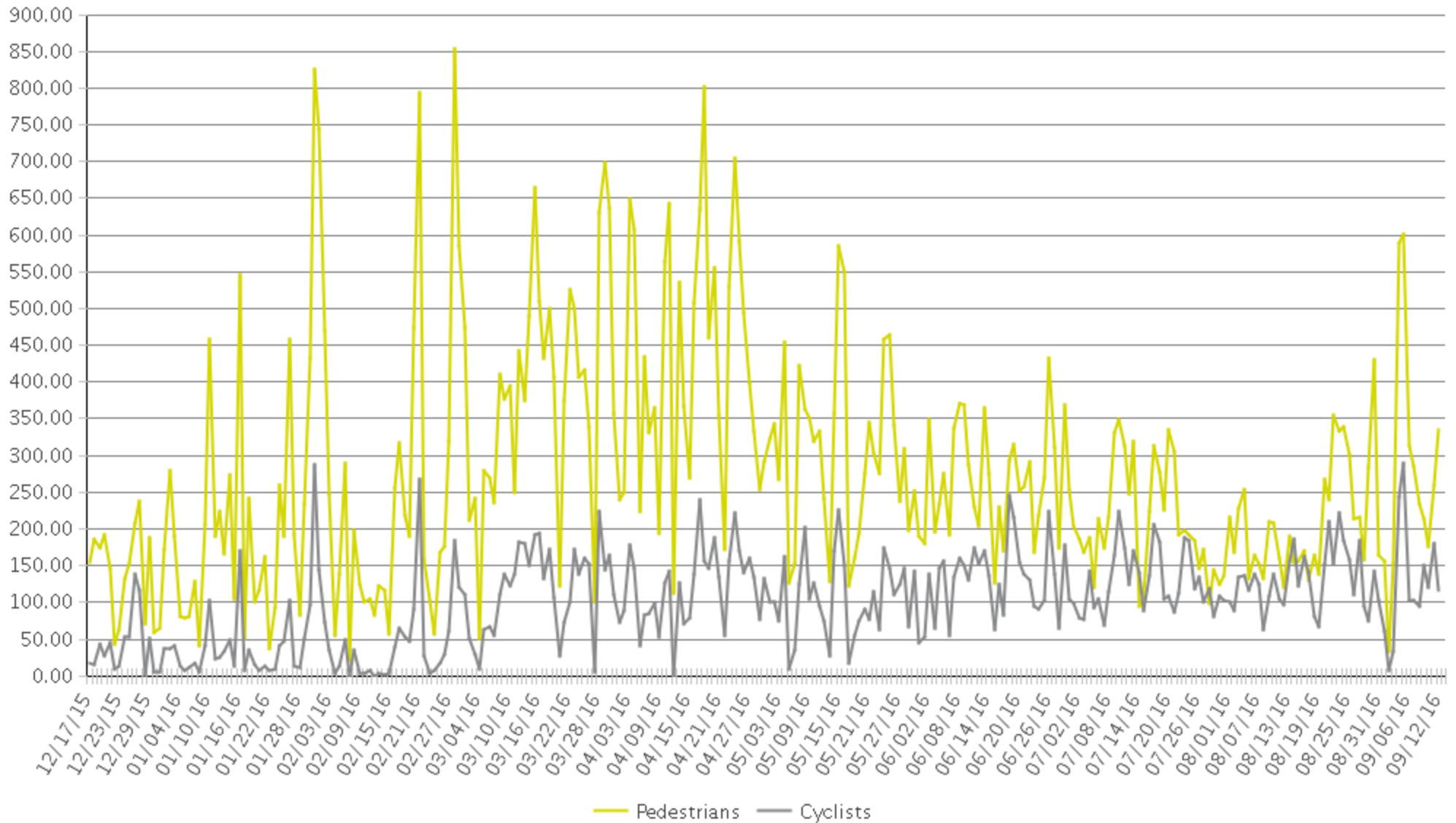
You can add a picture to the counter's Eco-Visio file.





N Warren St / River Dr

Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



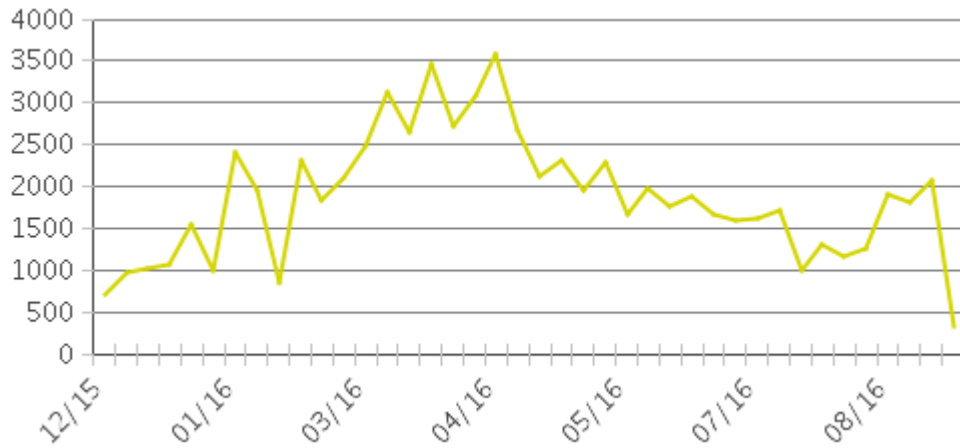


N Warren St / River Dr (Pedestrians)

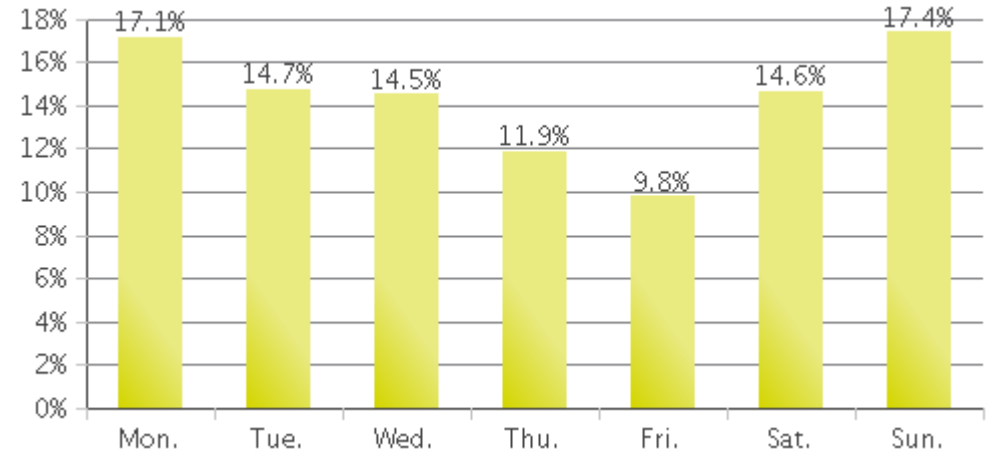
Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



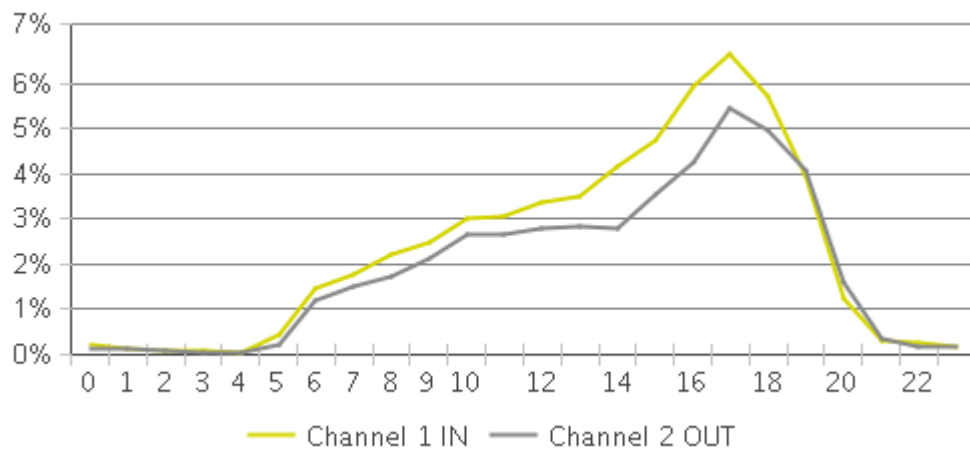
Weekly Traffic



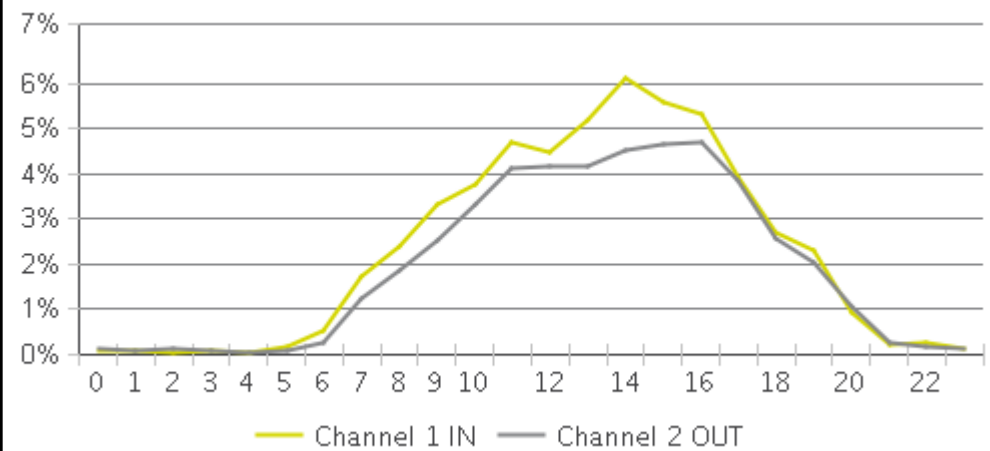
Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend



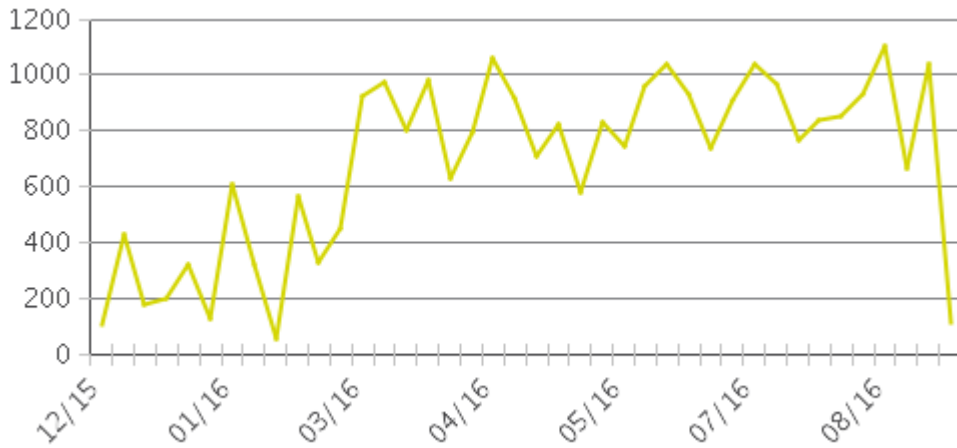


N Warren St / River Dr (Cyclists)

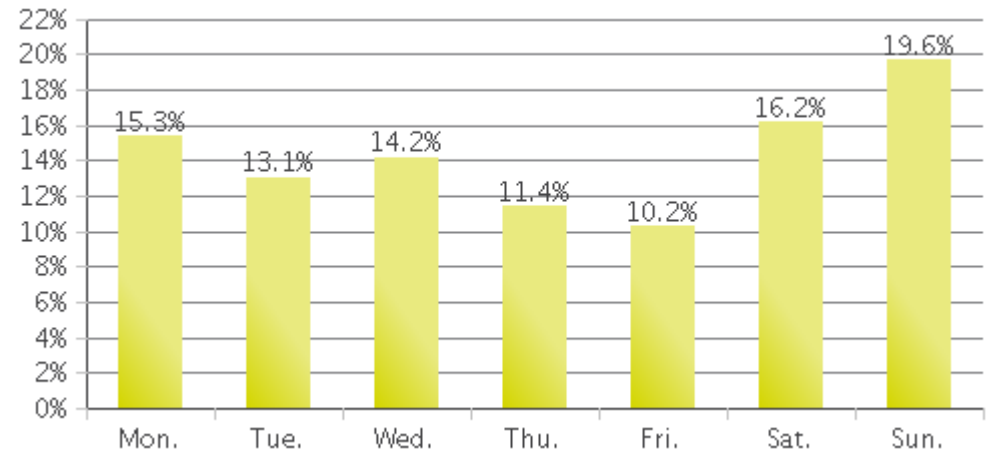
Period Analyzed: Thursday December 17, 2015 to Tuesday September 13, 2016



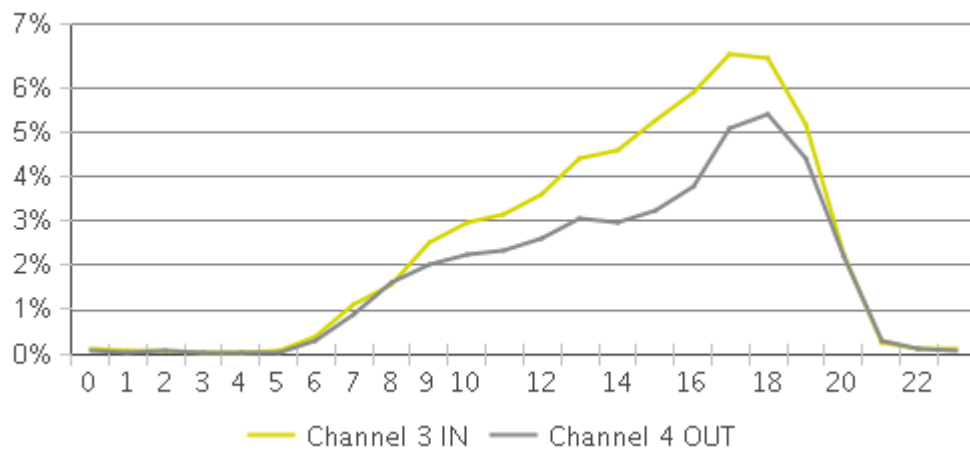
Weekly Traffic



Weekly Profile



Hourly Profile during Weekdays



Hourly Profile during the Weekend

