

Technical Coordinating Committee (TCC) Meeting Tuesday, April 18th, 2017 ◆ 12:00 p.m. YVEDDI

533 N Carolina Ave, Boonville, NC 27011

AGENDA

Welcome and	Andrew Meadwell	
Action Items		
I.	TCC Minutes – December 20 th , 2016	Andrew Meadwell
II.	2017-2018 Budget Allocation and Dues	Andrew Meadwell
III.	2017-2018 PWP	Andrew Meadwell
IV.	2017-2018 5-year Calendar	Andrew Meadwell
V.	Stokes County CTP Resolution of Adoption	Andrew Meadwell
Discussion It	ems	
VI.	TAC Appointments & Updates	Elizabeth Jernigan
VII.	Legislative Update	Elizabeth Jernigan
VIII.	P5.0 Update	Elizabeth Jernigan
Informationa	ıl Items	
IX.	Division 9 Updates	Division Staff
Χ.	Division 11 Updates	Division Staff
XI.	TPB Update	TPB Staff
XII.	RPO Updates	Elizabeth Jernigan
New Busines	s	TCC Members
Adjournment	t	Andrew Meadwell

Next Meeting: Tuesday, June 20, 2017, Town of Boonville

Agenda Item I.
TCC Minutes – December 20 th , 2016
Background
See attached minutes from TCC Minutes – December 20 th , 2016.
Action Requested
Consideration of the minutes.



Technical Coordinating Committee (TCC) Meeting Tuesday, December 20th, 2016 ● 12:00 p.m. Town of Mocksville 298 E Depot St., Mocksville, 27028

MINUTES

Attendance

Andrew Meadwell, Davie County
Dawn Vallieres, Yadkin County
Diane Hampton, NCDOT Div 9
Sarah Harris, Boonville
Jeff Cockerham, YVEDDI
Andy Goodall, Pilot Mtn & Mt. Airy
Emory Crawford, Davie Co. Resident

Hemang Surti, NCDOT TPB
Lisa Hughes, Yadkin County
David Sudderth, Stokes County
Dina Reavis, Town of Yadkinville
Cecil Wood, Town of Mocksville
Elizabeth Jernigan, PTRC
John Rhine, NCDOT Div 9

Welcome and Ethics Statement

Andrew Meadwell opened the meeting and read the ethics statement. There were no conflicts of interest. Attendees introduced themselves.

Action Items

I. TCC Minutes – October 18, 2016

Andrew Meadwell asked if committee members had a chance to review the minutes from the last meeting and asked for a motion to approve the minutes. Lisa Hughes made a motion to approve the minutes. John Rhine seconded the motion. All were in favor.

II. 2017 Officers

Elizabeth reviewed the bylaws and stated that officers are appointed annually and eligible to serve up to two consecutive years. David Sudderth nominated Andrew Meadwell to continue serving as Chair and Sarah Harris to serve as Vice-Chair. Jeff Cockerham seconded the motion. All were in favor.

III. 2017 Meeting Dates

2017 NWPRPO TCC Schedule
February 14 th - Cancelled
April 18 th - YVEDDI
June 20 th - Boonville
August 15 th - Stokes County
October 17 th – Mount Airy
December 19 th - Davie County
Time: 12:00 p.m.

*Meeting dates are scheduled on the Tuesday prior to the NWPRPO TAC and PTRC Board of Delegates meetings.

Ms. Jernigan presented the meeting dates for 2017 which occur the Tuesday prior to the Board of Delegates meeting. Lisa Hughes made a motion to adopt the meeting dates and locations. Jeff Cockerham seconded the motion. All were in favor.

Informational Items

IV. Membership Information Form

Ms. Jernigan requested members complete the Membership Information Form included in their agenda packet.

V. P4.0 Division Projects Released

Ms. Jernigan presented the draft list of projects which received funding under P4.0 at the division level. She indicated the RPOs as a whole did better than in previous iterations of prioritization and while there are still many improvements to be made, the rural areas did seem to do better in this round, particularly in the reginal category statewide. While the NWPRPO did not receive any projects under this category, most RPOs around the state did receive funding. Ms. Jernigan stated the Statewide formula did not result in increased projects for the rural areas and that is something that is being looked at for P5.0.

VI. P5.0 Update

Ms. Jernigan summarized progress made on the P5.0 workgroup, specifically the number of projects carried over and the number of new submittals. She also summarized the importance of identifying quality projects that have local support.

VII. Division 9 Updates

John Rhine provided an update for Division 9. Andrew Meadwell asked Mr. Rhine how NCDOT would address traffic issues on the I-40 project. Mr. Rhine stated thre would be additional public outreach closer to the construction date. He also stated they would not go down single lanes with the possible exception of the middle of the night.

Ms. Jernigan updated members on the status of the Stokes County CTP and invited members to a public workshop on February 7th. After the public workshop, the CTP will be taken to the County and municipalities for adoption.

Diane Hampton invited members to participate in a local officials' informational meeting for TIP Project: R-5768 in Walnut Cove on January 24th.

VIII. Division 11 Updates

Dean Ledbetter was unable to attend but provided Ms. Jernigan a project update for Project 11.

IX. TPB Update

Mr. Surti provided an overview of personnel changes in the Transportation Planning Branch and stated that he would no longer be the RPO Coordinator. Mr. James Upchurch will be taking over the NWPRPO and WSMPO. Mr. Surti thanked members of the TCC and emphasized how much he enjoyed working with the NWPRPO.

X. RPO Update

Ms. Jernigan provided a brief update on the RPO program and

New Business

Mr Crawford expressed concerns over the fair distribution of funds to rural areas. Ms. Jernigan summarized the prioritization process and stated that the P5.0 workgroup is addressing funding in rural areas and emphasized that while not perfect, the process does seem to be working, particularly in the regional and division categories. Ms. Hampton and Ms. Jernigan offered to meet with Mr. Crawford individually to further discuss the STI process.

Adjournment

Andrew Meadwell asked for a motion to adjourn. Lisa Hughes made a motion to adjourn the meeting. Jeff Cockerham seconded the motion. All were in favor. The next meeting is Tuesday, April 18th at 12:00pm at YVEDDI.

Andrew Meadwell, Chair
Transportation Coordinating Committee

Elizabeth Jernigan, Secretary

Northwest Piedmont Rural Planning Organization

Agenda Item II	Ag	en	da	Ite	m	II
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2017-2018 Budget Allocation and Dues

Background

The North Carolina Rural Planning Association has been working with NCDOT to increase our funding allocation. We received official notice that our funding level increased by 15%. This increase will enable us to better meet the needs of our RPO communities. Your county or municipality may have already received an estimated dues notice from the Piedmont Triad Regional Council (PTRC). Please note that the amount listed for NWPRPO Dues does not take into account the funding increase. The RPO program has an 80/20 match requirement. I have attached a document with the updated proposed dues.

Action Requested

Recommend adoption 2017-2018 dues

February 21, 2017

Ms. Elizabeth Jernigan Piedmont Triad Council of Governments 400 West Fourth Street, Suite 400 Winston-Salem, North Carolina 27101

Subject: Northwest Piedmont Rural Planning Organization, FY 2018

Dear Ms. Jernigan:

The North Carolina Department of Transportation has allocated Rural Transportation Planning Funds in the amount up to \$106,375 for the Northwest Piedmont RPO for FY 2018. The funds are available based on an 80/20 costs share, and are expected to be matched by a 20% local share, exclusive of any other state funds. Thus, if full funding is available, the total work plan would be \$132,969 (\$106,375 – State, \$26,594 – Local). Reimbursement for planning expenses should be made through the invoice submittal procedure as outlined by the RPO Administrative Procedures. Reimbursements will only be made for transportation planning expenses incurred in executing the work tasks described in your approved FY 2018 Planning Work Program (PWP), which is due by May 31, 2017.

If you have any questions or concerns, please feel free to contact Travis Marshall at tmarshall@ncdot.gov, (919)-707-0907 or Earlene Thomas at ewthomas@ncdot.gov, (919)-707-0909.

Sincerely,

Jamal Alaví

Jamal Alavi, PE Transportation Planning Branch

PTRC Proposed Dues Spreadsheet, 2017-18 FY

	Population Estimate	20:	L7-2018 RPO	
Local Government	(2016)	(2016) Dues		
	*based on 0.158	43 pe	er person	
Town of Cooleemee	960	\$	152	
Town of Mocksville	5,051	\$	800	
Davie County without municipal Population*	23,572	\$	3,735	
		_		
Town of Danbury	184	\$	100	
Town of Walnut Cove	1,392	\$	221	
Stokes County without municipal Population*	25,324	\$	4,012	
Town of Dobson	1,632	\$	259	
Town of Elkin	3,941	\$	624	
City of Mount Airy	10,361	\$	1,641	
Town of Pilot Mountain	1,502	\$	238	
Surry County without municipal Population	55,759	\$	8,834	
Town of Boonville	1,216	\$	193	
Town of East Bend	595	\$	100	
Town of Jonesville	2,251	\$	357	
Town of Yadkinville	2,923	\$	463	
Yadkin County without municipal Population	30,720	\$	4,867	
Totals	167.383	\$	26.595	

Totals 167,383 \$ 26,595

Dues based on estimates posted on the NC Office of Budget and Management website Sept 22, 2016.

*Methodology for Stokes and Davie County Estimates

Using 2010 Decennial Census Block Level population data, PTRC calculated the percentage of each county population within the RPO boundary. That percentage was applied to the 2016 NC State Demographer Population Estimate to find the 2016 RPO population for each county. Municipal populations were then subtracted out (Danbury and Walnut Cove for Stokes; Mocksville and Cooleemee for Davie) to calculate the population counts used in calculating dues for the 2017-2018 fiscal year.

Agenda Item III.
2017-2018 PWP
Background
The RPO is required to prepare an annual Planning Work Program to define the planning work products and activities to be carried out by the RPO. The attached PWP is for FY 201-2018 and outlines the major responsibilities the RPO anticipates working on.

The RPO Administrative Documents Subcommittee is working with NCDOT to simplify the PWP and

reporting requirements.

Recommend adoption of the PWP

FY 2017-2018 PLANNING WORK PROGRAM ANNUAL PROPOSED FUNDING SOURCES TABLE Northwest Piedmont Rural Planning Organization

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					RPO PROGRAM F			LOINE	<i>J</i> 3	
TASK	TASK CODE/	WORK		PRIMARY	LOCAL STATE			l	ļ	
CODE	WORK PRODUCT DESCRIPTION	PRODUCT FORMAT	GEOGRAPHY	PROJECT # (IF APPLICABLE)			ATE	Т	OTAL	
	DESCRIPTION	PORMAT		FY_2015		20%	Q:	0%	- 	
						20 /0	0,	J /0		
	LLECTION AND ASSESSMENT									
	DATA COLLECTION AND ASSESSMENT CTP Inventory and Assessment				\$	5,000	<u>\$ 2</u>	20,000	<u>\$</u>	25,000
1-1.1	Inventory of CTPs, land use plans, & transportation plans	Spreadsheet	NWPRPO							
I-1.2	Bicycle and Pedestrian Inventory and Assessment	·								
	General bicycle & pedestrian planning activities	Meeting Participation	NWPRPO							
	Bicycle/pedestrian safety & education activities Bicycle/pedestrian facility/route mapping	Summary/Assessment Mapping	NWPRPO NWPRPO	-						
I-1.3	Parking Inventories	Wapping	IVWI IXI O							
	Downtown Streetscape Assessment	Mapping	NWPRPO							
I-1.4	Vehicle Occupancy Rates (VOR) Counts and Assessment									
I-1.5	Traffic Volume Counts and Assessment Mapping or assessment of traffic count data	Summary/Assessment	NWPRPO							
I-1.6	Crash Data and Assessment	Summary/Assessment	IVWI IXI O							
	Mapping or assessment of crash data	Summary/Assessment	NWPRPO		SPE	NDING DET.		ER LINE ITI QUARTER		E REQUIRED
I-1.7	Public Transportation Service Data and Assessment						271077	Q0,11(12)		
	Attend Rural Transportation Agency Meetings Support efforts to develop deviated fixed-route systems	Meeting Participation	NWPRPO NWPRPO	 						
I-1.8	Support efforts to develop deviated fixed-route systems Multimodal Data Collection and Assessment	Mapping	INVVEREU							
	Provide summary for transportation providers and local govt	Summary/Assessment	NWPRPO							
I-1.9	Freight Data Collection and Assessment	· ·								
1.4.40	NC Statewide Multimodal Freight Plan Participation	Meeting Participation	Statewide							
	Socioeconomic Data Inventory Environmental and Land use Data Inventory and Assessment									
1-1.11	Comprehensive Safety Planning	GIS Data	NWPRPO							
I-1.12	Demographic Data Collection and Assessment									
	Mapping of EJ, Title VI, and other demographic information	GIS Data	NWPRPO							
II. TRANSP	ORTATION PLANNING									
II-1	COMPREHENSIVE TRANSPORTATION PLAN (CTP) DEVELOPMENT				\$	1,000	\$	4,000	\$	5,000
II-1.1	Develop CTP Vision									
II-1.1.a	CTP Study Setup				SDE	NDING DET		D I INE IT	EM ADI	E REQUIRED
	Participate in Land Development Planning Efforts				SPE	NDING DET		QUARTER		EREQUIRED
	Local CTP Vision Conduct CTP Needs Assessment									
	Data Collection and Assessment									
II-1.2.b	Current and Future Year Data Endorsements				SPE	NDING DET.		ER LINE ITI QUARTER		E REQUIRED
II-1.2.c	Deficiency Assessment						EACH	QUARTER	۲.	
	Analyze Alternatives and Environmental Screening				<u> </u>		<u> </u>			
	Alternatives Assessment Local Alternative Consensus				SPE	NDING DET.		ER LINE ITI QUARTEF		E REQUIRED
	Develop Final Plan						271011	QO) II (I EI		
	Develop CTP Maps									
II-1.4.b	Local Endorsement									
	Adopt Plan				SPE	NDING DET	AILS PE	R LINE IT	EM ARI	E REQUIRED
II-1.4.d	CTP Document				EACH QUARTER					
II-1.4.e	Development of Stokes County CTP Document CTP and Local Land Use Revisions	Report	Stokes County							
	Development of Local Implementation Strategies									
II-2	PRIORITIZATION AND PROGRAM DEVELOPMENT				\$	4,000	\$ 1	6,000	\$	20,000
II-2.1	Local Project Prioritization				<u> </u>		Υ -	-,,,,,,	<u> </u>	
II-2.1.a	Local Project Prioritization									
	Meetings with Locals	Summary/Assessment	NWPRPO		SDE	NDING DET	All S DE	R LINE IT	FM ARI	E REQUIRED
		Summary/Assessment			SPE	NDING DET		QUARTER		REQUIRED
II-2.1.b	Project Entry and SPOT Prioritization Process)							
	Spot 5.0 Project Entry SPOT 5.0 Workgroup Participation	Database Meeting Participation	NWPRPO NWPRPO							
II-2.2	SPOT 5.0 Workgroup Participation STIP Participation	Meeting Participation	INVVERED							
	STIP Participation					SPEN	IDING DE	TAILS PER L	LINE ITE	M
	Convene local meetings on STIP Results	Meeting Participation	NWPRPO					ED EACH QU		
	Provide feedback on draft STIP at hearings	Meeting Participation	NWPRPO							
	PROJECT DEVELOPMENT				\$	1,000	\$	4,000	\$	5,000
	Problem Statement and Purpose and Need									
II-3.1.a	Purpose and Need Data Compile/review data on project scoping/purpose & need	Summary/Assessment	NWPRPO		SDE	NDING DET	All S DI	ER LINE IT	EM AD	E REQUIRED
II-3.1.b	Public Involvement Strategies	Cammary/133033IIIGH			OPE	NOING DET		QUARTER		- NEWOIKED
	Attend and assist with public workshops	Meeting Participation	NWPRPO							
	Merger Process									
II-3.2.a	Meeting Attendance									
	Attend Merger Meetings (As Needed)	Meeting Participation	NWPRPO		SPE	NDING DET		ER LINE ITI QUARTER		E REQUIRED
	Review and Comment	Summary/Assessment	NWDDDO				ACH	QUANTER		
	Review & comment on project-related documents Indirect and Cumulative Effects	Summary/Assessment	NWPRPO		F					
			1	†		SPENDIN	G DETA			
II-3.3.a	ICE Assessment of Probable Growth			<u>l</u>	α	APTED A	HANCE	S TO ELLA	IDING-	
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Cherr conference stendance		Participation on Piedmont Transportation Professionals (PTP) Workgroup	Meeting Participation	NWPRPO						
III-13 Second Studies and Projects Second Studies Second Stud		Support local planning efforts	Meeting Participation	NWPRPO						
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Grant support for transportation projects		CFAT Initiative	Report	NWPRPO						
III-1.1 Training and Certification S C Planning Courses Meeting Participation NWPRPO	II-4.1.e	· ·								
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III-4.2 Title VI		NCDOT Legacy Leadership Training	Meeting Participation	NWPRPO						
III-1.2 RPO Affirmation of Title VI Compliance		AICP Certification	Other	NWPRPO						
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Approved by the TAC on	
	Date
	Steve Yokeley, NWPRPO TAC Chair
	Elizabeth Jernigan, NWPRPO Secretary

Agenda Item IV.
5-year Calendar
Background
The 5-Year Planning Calendar is an annually prepared document that coincides with the PWP and links the short-term goals of the annual work program to the long-term goals and priorities of the
RPO.
Action Requested
Recommend adoption of 5-year calendar.

Northwest Piedmont RPO ● Five-year Planning Calendar, 2017-2022

Fiscal Year	I. Data Collection & Assessment	II-1. Transportation Planning	II-2 Prioritization and Program Development	II-3. Project Development	II-4. General Transportation Planning
FY 17-18	 Update land use & parcel data, as available Update crash data maps 	 Prioritize CTP Needs for higher growth areas Participate in Bicycle & Pedestrian Master Plans Participate in 5 Year Transit Plan updates Coordinate with MPO MTP updates 	 Submit Priority Needs List Participate in Merger Team as needed Conduct public input meetings Distribute final TIP Documents Comment on Draft TIP Work Programs Participate in Public Hearings 	 Maintain website & updates Conduct bicycle & pedestrian safety education programs and events LCP data support and writing I-74 Coordination with Virginia 	 Continue Downtown Streetscape inventories Special studies plan implementation Participate in NCARPO activities Participate in RPO America activities
FY 18-19	 Update land use & parcel data, as available Update environmental sensitivity maps Update crash data maps 	 Prioritize CTP Needs for higher growth areas Participate in Bicycle & Pedestrian Master Plans Participate in 5 Year Transit Plan updates Coordinate with MPO LRTP updates 	 Develop and approve Priority Needs List and enter into SPOT Conduct public input meetings Participate in Merger Team as needed 	 Maintain website & updates Conduct bicycle & pedestrian safety education programs and events I-74 Coordination with Virginia 	 Implement Downtown Streetscape projects and apply for grant funding Special studies plan implementation Participate in NCARPO activities Participate in RPO America activities
FY 19-20	 Update land use & parcel data, as available Update crash data maps 	 Prioritize CTP Needs for higher growth areas Participate in Bicycle & Pedestrian Master Plans Participate in 5 Year Transit Plan updates Coordinate with MPO LRTP updates Update Locally Coordinated Plans 	 Submit Priority Needs List Comment on Draft TIP Work Programs Conduct public input meetings Participate in Merger Team as needed Distribute final TIP Documents 	 Maintain website & updates Conduct bicycle & pedestrian safety education programs and events 	 Implement Downtown Streetscape projects and apply for grant funding Special studies plan implementation Participate in NCARPO activities Participate in RPO America activities
FY 20-21	 Update land use & parcel data, as available Update environmental sensitivity maps Update crash data maps 	 Prioritize CTP Needs for higher growth areas Participate in Bicycle & Pedestrian Master Plans Coordinate with MPO LRTP updates 	 Develop and approve Priority Needs List and enter into SPOT Conduct public input meetings Participate in Merger Team as needed 	 Maintain website & updates Conduct bicycle & pedestrian safety education programs and events 	 Implement Downtown Streetscape projects and apply for grant funding Special studies plan implementation Participate in NCARPO activities Participate in RPO America activities
FY 22-23	 Update land use & parcel data, as available Update environmental sensitivity maps Update crash data maps 	 Prioritize CTP Needs for gap areas Participate in Bicycle & Pedestrian Master Plans Participate in 5 Year Transit Plan updates Coordinate with MPO LRTP updates 	 Develop and approve Priority Needs List and enter into SPOT Conduct public input meetings Participate in Merger Team as needed 	 Maintain website & updates Conduct bicycle & pedestrian safety education programs and events LCP data support and writing I-74 Coordination with Virginia 	 Complete Downtown Streetscape inventories Comprehensive Safety Planning Special studies plan implementation Participate in NCARPO activities Participate in RPO America activities

Adopted April 21, 2017

Steve Yokeley, NWPRPO TAC Chair	Date	
Elizabeth Jernigan, NWPRPO Secretary	Date	

Agenda Item V.
Stokes County CTP Resolution of Adoption
Background
The Stokes County Comprehensive Transportation Plan has been presented to the Stokes County Board of Commissioners with adoption scheduled on April 24 th . The Town of Walnut Cove is scheduled for adoption on April 11 th , and the Town of Dobson is scheduled for adoption on May 3 rd . Please review attached maps and summary recommendations.

Action Requested

Recommend Stokes County CTP Resolution of Adoption

NORTHWEST PIEDMONT RURAL PLANNING ORGANIZATION COMPREHENSIVE TRANSPORTATION PLAN RESOLUTION OF ADOPTION

Upon careful c		and seconded by colution and upon being put to a vote, was duly
adopted.	, to consider the Johowing res	olulion and upon being put to a voie, was ally
WHEREAS,	Planning Organization, and the Tra	anbury, Stokes County, Northwest Piedmont Rural ansportation Planning Branch, North Carolina actively worked to develop a comprehensive and
WHEREAS,	General Statutes 136-66.2 to reach agr	f Transportation are directed by North Carolina eement for a transportation system that will serve fic in and around the Towns and County; and
WHEREAS,		ent of traffic within and through Stokes County is omprehensive plan for the orderly growth and
WHEREAS,		oporting documents presented, and following two Commissioners feel it to be in the best interest of to General Statutes 136-66.2;
Comprehensiv	e Transportation Plan map documents as system and further recommends adoption	tokes County hereby reaffirms and adopts the a guide in the development of the County's future of the plan map documents by the North Carolina
ADOPTED th	is the 21 th day of April, 2017.	
Steve Yokel	ey, NWPRPO TAC Chair	Elizabeth Jernigan, NWPRPO TAC Secretary

2. Recommendations

This chapter presents recommendations for each mode of transportation in the 2017 Stokes County CTP as shown in Figure 1. More detailed information on each recommendation is tabulated in Appendix C.

NCDOT adopted a "Complete Streets1" policy in July 2009. The policy directs the Department to consider and incorporate several modes of transportation when building new projects or making improvements to existing infrastructure. Under this policy, the Department will collaborate with cities, towns and communities during the planning and design phases of projects. Together, they will decide how to provide the transportation options needed to serve the community and complement the context of the area. The benefits of this approach include:

- Making it easier for travelers to get where they need to go;
- Encouraging the use of alternative forms of transportation;
- · Building more sustainable communities;
- Increasing connectivity between neighborhoods, streets, and transit systems;
- Improving safety for pedestrians, cyclists, and motorists.

Complete streets are streets designed to be safe and comfortable for all users, including pedestrians, bicyclists, transit riders, motorists and individuals of all ages and capabilities. These streets generally include sidewalks, appropriate bicycle facilities, transit stops, right-sized street widths, context-based traffic speeds, and are well-integrated with surrounding land uses. The complete street policy and concepts were utilized in the development of the CTP. The CTP proposes projects that include multi-modal project recommendations as documented in the problem statements within this chapter. Refer to Appendix C for recommended cross sections for all project proposals and Appendix D for more detailed information on the typical cross sections.

2.1 Unaddressed Deficiencies

The following deficiency was identified during the development of the CTP, but remains unaddressed:

US 311 (Main Street), STOK0001-H: from NC 65 to NC 89

US 311 (Main Street) is currently near or over capacity from NC 65 to Oldtown Road (SR 1918). By 2045, the section between NC 65 and NC 89 is projected to remain near or over capacity. Improvements are needed to relieve congestion on the existing facility such that a minimum of Level of Service (LOS) D can be achieved.

US 311 (Main Street) runs north-south through Walnut Cove and provides access to downtown Walnut Cove from Winston-Salem and other points south. This facility is a three-lane major thoroughfare with 12-foot lanes, a center turn lane, and on street

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¹ For more information on Complete Streets, go to: http://www.completestreetsnc.org/

parking from Oldtown Street (SR 1918) to Seventh Street (SR 1950), and a three-lane major thoroughfare with 12 foot lanes and a center turn lane from Seventh Street (SR 1950) to NC 89. Annual Average Daily Traffic (AADT) on US 311 between NC 65 and Oldtown Street (SR 1918) is projected to increase from 12,000 vehicles per day (vpd) in 2015 to 13,500 vpd in 2045, compared to a LOS D capacity of 11,600 vpd. The AADT on US 311 between Eighth Street and NC 89 is projected to increase from 11,000 vpd in 2015 to 13,600 vpd in 2045, compared to a LOS D capacity of 12,900 vpd.

These sections of US 311 (Main Street) are mostly strip development with little to no access control. It is lined with numerous driveways and roadway access points. A crash assessment performed during the development of the CTP identified numerous intersections and roadway sections along this corridor that experienced a high number of crashes between January 1, 2011 and December 31, 2015. The proposed improvements may reduce the amount and severity of crashes at these locations by removing the left turn conflicts. Refer to Chapter 1 of the CTP report for more detailed information on these locations.

The CTP project proposal (STOK0001-H) is to study and implement transportation demand management strategies along this corridor. This includes improving First Street/ Oldtown Road (SR 1918) (STOK0026-H) as an alternate US 311 truck route and the intersection of US 311 and Oldtown Road (SR 1918) to accommodate truck traffic. Signing First Street/ Oldtown Road (SR 1918) as an alternate US 311 truck route may reduce through truck traffic in downtown Walnut Cove.

Transportation demand management strategies that promote other modes of transportation such as pedestrian, bicycle, transit and ridesharing are recommended for further study. Sidewalks and bicycle accommodations are recommended along the entire length of the proposed project. Other strategies to be considered include access management, modifying signal timing, intersection improvements, driveway connections for businesses, service routes to the business for alternate access, and any other strategies to reduce turning conflicts and improve safety. During the Stokes County CTP development process, the stakeholders and Yadkin Valley Economic Development District, Inc. (YVEDDI), proposed a fixed deviated route transportation service connecting King, Hanging Rock State Park, Danbury and Walnut Cove. A potential location for a park-and-ride lot was also identified in Walnut Cove.

The 2016-2025 STIP includes project R-5828 that is intended to improve the intersection of US 311 (North Main Street) and First Street (SR 1918). The 2016-2025 STIP also includes R-5768 that is intended to upgrade the intersection of US 311 and NC 65 along with improvements to the railroad crossing,

Additionally, during the development of the CTP, the town of Walnut Cove expressed the desire to keep the existing on-street parking along US 311 (Main Street). Based on the planning level environmental assessment using available GIS data, water and sewer pipes are located along this facility.

2.2 Implementation

The CTP is based on the projected growth for the planning area. It is possible that actual growth patterns will differ from those logically anticipated. As a result, it may be necessary to accelerate or delay the implementation of some recommendations found within this plan. Some portions of the plan may require revisions in order to accommodate unexpected changes in development. Therefore, any changes made to one element of the CTP should be consistent with the other elements.

Initiative for implementing the CTP rests predominately with the policy boards and citizens of Stokes County and its municipalities. As transportation needs throughout the state exceed available funding, it is imperative that the local planning area aggressively pursue funding for priority projects. Projects should be prioritized locally and submitted to the Northwest Piedmont RPO for regional prioritization and submittal to NCDOT. Refer to Appendix A for contact information on regional prioritization and funding. Local governments may use the CTP to guide development and protect corridors for the recommended projects. It is critical that NCDOT and local governments coordinate on relevant land development reviews and all transportation projects to ensure proper implementation of the CTP. Local governments and NCDOT share the responsibility for access management and the planning, design and construction of the recommended projects.

Recommended improvements shown on the CTP map represent an agreement of identified transportation deficiencies and potential solutions to address the deficiencies. While the CTP does propose recommended solutions, it may not represent the final location or cross section associated with the improvement. All CTP recommendations are based on high level systems analyses that seek to minimize impacts to the natural and human environment. Prior to implementing projects from the CTP, additional analysis will be necessary to meet the National Environmental Policy Act (NEPA) or the State Environmental Policy Act² (SEPA). During the NEPA/SEPA process, the specific project location and cross section will be determined based on environmental analysis and public input. This CTP may be used to support transportation decision making and provide transportation planning data in the NEPA/SEPA process.

2.3 Problem Statements

The following pages contain problem statements for each recommendation, organized by CTP modal element. The information provided in the problem statement is intended to help support decisions made in the NEPA/SEPA process. A full, minimum or reference problem statement is presented for each recommendation, with full problem statements occurring first in each section. Full problem statements are denoted by a gray shaded box containing project information. Minimum problem statements are more concise and less detailed than full problem statements, but include all known or readily

²For more information on SEPA, go to: http://www.doa.nc.gov/clearing/faq.aspx.

available information. Reference problem statements are developed for TIP projects where the purpose and need for the project has already been established.



HIGHWAY

First Street/ Oldtown Road (SR 1918), STOK0026-H

US 311 (Main Street) is a primary route in downtown Walnut Cove. By 2045, US 311 (Main Street) is projected to be near or over capacity based on providing LOS D capacity. Currently First Street/ Oldtown Road (SR 1918) serves as an alternative route to US 311 (Main Street). Improvements are needed to help relieve congestion on US 311 (Main Street) and improve mobility within downtown Walnut Cove.

The CTP project proposal (STOK0026-H) is to upgrade First Street/ Oldtown Road (SR 1918) to 12 foot lanes with paved shoulders to accommodate truck traffic. Improvements to the intersection of US 311 and Oldtown Road (SR 1918) are recommended to accommodate truck traffic. It is also recommended that First Street/ Oldtown Road (SR 1918) be signed as an alternate US 311 truck route. This may reduce the through truck traffic from the downtown Walnut Cove.

Based on a planning level environmental assessment using available GIS data, the proposed project is within water supply and watershed areas. This project directly connects to the US 311 (Main Street) transportation demand management strategies/improvements (STOK0001-H) proposal.

Minor Widening Improvements:

The following routes are not expected to exceed capacity, but were identified as candidates for upgrading to NCDOT design standards. All facilities listed are recommended to have a minimum of 12 foot lanes with paved shoulders in order to improve mobility, safety and/or to accommodate bicycles. Additionally, some facilities may require improvements to the vertical and/or horizontal alignment. Implementation of the proposed projects should be coordinated through NCDOT's Highway Division 9 office (reference Appendix A for contact information).

- NC 8, STOK0002-H: from 0.1 miles north of NC 65 to Brook Cove Road (SR 1941)
- NC 8 & NC 89, STOK0003-H: from 0.5 miles east of Hanging Rock Park Road (SR 2015) to NC 8
- NC 8, STOK0004-H: from NC 89 to 0.3 miles north of NC 704
- NC 65, STOK0005-H: from Winston Salem Metropolitan Planning Area Boundary/ Kiger Road (SR 1952) to Easley Road (SR 1933)
- NC 66, STOK0006-H: from Winston Salem Metropolitan Planning Area Boundary / Falkenberry Road (SR 1220) to NC 89
- NC 89, STOK0007-H: from 0.46 miles west of Ring Road (SR 1211) to Asbury Road (SR 1400)

- NC 89, STOK0008-H: from US 311 (Main Street) to Dodgetown Road (SR 1695)
- NC 268, STOK0009-H: from Surry County Boundary/ 0.5 miles west of Grassy Knob Road (SR 1179) to Bud Tilley Road (SR 1192)
- NC 704, STOK0010-H: from NC 772 to 0.5 miles east of Dunlap Road (SR 1683)
- NC 770, STOK0011-H: from NC 704 to 0.25 miles east of Ralph Joyce Road (SR 1634)
- Baux Mountain Road (SR 1949), STOK0012-H: from 0.15 miles south of Manuel Road (SR 2111) to NC 65
- Brims Grove Road (SR 2109), STOK0013-H: from Volunteer Road (SR 1136) to Oscar Frye Road (SR 1182)
- Brook Cove Road (SR 1935), STOK0014-H: from Piney Mountain Road (SR 1935) to US 311 (Main Street)
- Capella Road (SR 2008), STOK0015-H: from NC 66 to Covington Road (SR 2009)
- Coon Road (SR 1154), STOK0016-H: from Old 52 Road (SR 1236) to Volunteer Road (SR 1136)
- Covington Road (SR 2009), STOK0017-H: from Capella Road (SR 2008) to Flat Shoals Road (SR 2019)
- Easley Road (SR 1933), STOK0018-H: from Forsyth County Boundary/ 1.29 miles south of NC 65 to NC 65
- Flat Shoals Road (SR 2019), STOK0019-H: from Covington Road (SR 2009) to Mountain Road (SR 2018)
- Hanging Rock Park Road (SR 2015), STOK0020-H: from Moores Spring Road (SR 1001) to NC 8 & NC 89
- Moores Spring Road (SR 1001), STOK0021-H: from NC 66 to Hanging Rock Park Road (SR 2015)
- Mountain Road (SR 2018), STOK0022-H: from Flat Shoals Road (SR 2019) to NC 8 & NC 89
- Mountain View Road (SR 1974), STOK0023-H: from Friendship Road (SR 1955) to NC 8
- Mountain View Church Road (SR 1998), STOK0024-H: from Winston Salem MPO Boundary/ 0.45 miles north of Robertson Ridge Road (SR 2006) to Flat Shoals Road (SR 2019)

- Old 52 Road (SR 1236), STOK0025-H: from Coon Road (SR 1154) to Volunteer Road (SR 1136)
- Old Lynchburg Road (SR 1516), STOK0031-H: from NC 268 to NC 66
- Oscar Frye Road (SR 1182), STOK0027-H: from Brims Grove Road (SR 2109) to NC 268
- Piney Grove Church Road (SR 1496), STOK0028-H: from NC 89 to Hart Road (SR 1497)
- Snow Hill Church Road (SR 1651), STOK0029-H: from Sisk Road (SR 1657) to NC 704
- Volunteer Road (SR 1136), STOK0030-H: from Winston Salem MPO Boundary/ Edwards Farm Road (SR 1224) to High Bridge Road (SR 1157)

PUBLIC TRANSPORTATION & RAIL

A public transportation and rail assessment was completed during the development of the CTP. There are no recommended improvements associated with rail. During the Stokes County CTP development process, the stakeholders and Yadkin Valley Economic Development District, Inc. (YVEDDI), proposed a fixed deviated route transportation service connecting King, Hanging Rock State Park, Danbury, and Walnut Cove. Potential locations for park-and-ride lots were identified in Danbury and Walnut Cove. Final locations would be subject to agreements with towns, property owners, etc.

These facilities are shown on the Public Transportation and Rail Map, Sheet 3 of Figure 1.

- STOK0001-T: Fixed Deviated Route (King Hanging Rock State Park Danbury – Walnut Cove)
- Park-and-Ride locations:
 - o STOK0002-T: Downtown Danbury/ Arts museum
 - STOK0003-T: Downtown Walnut Cove

BICYCLE

During the development of the CTP, the following facilities were identified as recommended bicycle routes and will need improvement. In accordance with American Association of State Highway and Transportation Officials (AASHTO), roadways identified as bicycle routes should incorporate the following standards as roadway improvements are made and funding is available:

- Curb & gutter sections require, at minimum, 5 foot bike lanes or 14 foot wide shoulder lanes.
- Shoulder sections require a minimum paved width of 4 feet.

 All bridges, along the roadways where bike facilities are recommended, shall be equipped with 54 inch high railings.

The following bicycle improvements were recommended during the development of the CTP:

- US 311 (Main Street), STOK0001-H: from NC 65 to NC 89
- NC 8, STOK0004-H: from NC 89 to NC 704
- NC 8, STOK0001-B: from Mountain View Road (SR 1974) to Dodgetown Road (SR 1695)
- NC 8 & NC 89, STOK0002-B: from Dodgetown Road (SR 1695) to 0.5 miles east of Hanging Rock Park Road (SR 2015)
- NC 8 & NC 89, STOK0003-H: from 0.5 miles east of Hanging Rock Park Road (SR 2015) to NC 8
- NC 65, STOK0003-B: from 0.2 miles north of Forsyth County Boundary/ Fisherman Road (SR 1923) to US 311 (Main Street)
- NC 89, STOK0004-B: from Asbury Road (SR 1400) to NC 704
- NC 66, STOK0006-H: from 0.3 miles south of Capella Road (SR 2008) to NC 89
- NC 89, STOK0007-H: from 0.5 miles west of Ring Road (SR 1211) to Asbury Road (SR 1400)
- NC 89, STOK0008-H: from US 311 (Main Street) to East Road (SR 1937)
- NC 268, STOK0009-H: from 0.4 miles west of Grassy Knob Road (SR 1179) to Bud Tilley Road (SR 1192)
- NC 268, STOK0005-B: from Bud Tilley Road (SR 1192) to NC 66
- NC 704, STOK0006-B: from NC 89 to NC 772
- NC 770, STOK0011-H: from NC 704 to 0.2 miles west of Ralph Joyce Road (SR 1634)
- NC 772, STOK0007-B: from US 311 to NC 704
- Brims Grove Road (SR 2109), STOK0013-H: from Volunteer Road (SR 1136) to Oscar Frye Road (SR 1182)
- Capella Road (SR 2008), STOK0008-B: from 0.4 miles south NC 66 to NC 66
- Coon Road (SR 1154), STOK0016-H: from Old 52 Road (SR 1236) to Volunteer Road (SR 1136)
- Delta Church Road (SR 1647), STOK0009-B: from Sheppard Mill Road (SR 1674) to NC 704
- East Road (SR 1937) STOK0010-B: from Piney Mountain Road (SR 1935) to NC 89
- Fisherman Road (SR 1923), STOK0011-B: from NC 65 (East) to Pine Hall Road (SR 1908)

- Flat Shoals Road (SR 2019), STOK0018-H: from Covington Road (SR 2009) to Mountain Road (SR 2018)
- Flat Shoals Road (SR 2019), STOK0012-B: from Mountain Road (SR 2018) to NC 8
- Hanging Rock Park Road (SR 2015), STOK0020-H: from Moores Spring Road (SR 1001) to NC 8 & NC 89
- Hawkins Road (SR 1973), STOK0013-B: from Friendship Road (SR 1955) to Flat Shoals Road (SR 2019)
- Moir Farm Road (SR 1652), STOK0014-B: from Delta Church Road (SR 1647) to NC 704
- Moores Spring Road (SR 1001), STOK0021-H: from NC 66 to Hanging Rock Park Road (SR 2015)
- Old Winston Road (SR 1152), STOK0015-B: from Patterson Farm Road (SR 1153) to 0.6 miles north of Patterson Farm Road (SR 1153)
- Oscar Frye Road (SR 1182), STOK0027-H: from Brims Grove Road (SR 2109) to NC 268
- Pine Hall Road (SR 1908), STOK0016-B: from 0.2 miles south of Fisherman Road (SR 1923) to US 311
- Piney Mountain Road (SR 1935), STOK0017-B: from NC 8 to East Road (SR 1937)
- Rock House Road (SR 1187), STOK0018-B: from NC 268 to Colonel Martin Road (SR 1186)
- Rock House Road (SR 1175), STOK0019-B: from Colonel Martin Road (SR 1186) to Taylor Road (SR 1188)
- Sheppard Mill Road (SR 1674), STOK0020-B: from NC 8 & NC 89 (Main Street) to Delta Church Road (SR 1647)
- Taylor Road (SR 1188), STOK0021-B: from Rock House Road (SR 1175) to NC 66

MULTI-USE

The Piedmont Triad Regional Council created local trail plans and also maintains a current database of existing trails and planned improvements. These facilities are shown on the Bicycle and Pedestrian maps on Sheets 4 and 5 of Figure 1.

Additionally, during the development of the CTP, the following facilities were recommended to have multi-use trail accommodations:

• Scott Branch Creek, STOK0001-M: alignment along Scott Branch Creek from Seven Island Road in Danbury to Sheppard Mill Road in Danbury

 Sauratown Trail, STOK0002-M: proposed trail alignment modified from 2006 Stokes County CTP to follow Sheep Rock Road and NC 8 & NC 89 through Danbury

PEDESTRIAN

The Piedmont Triad Regional Council maintains a sidewalk inventory of existing pedestrian facilities and planned improvements. These facilities are shown on the Pedestrian map on Sheet 5 of Figure 1.

Additionally, during the development of the CTP, the following facilities were recommended to have pedestrian accommodations:

Sidewalks – Recommended (Sidewalks needed on both sides of the facility)

Town of Danbury

- NC 8 & NC 89, STOK0001-P: from Crestview Road to Camping Creek Island Road
- NC 8 & NC 89, STOK0013-P from Bank Street to Shepperd Mill Road (SR 1674)

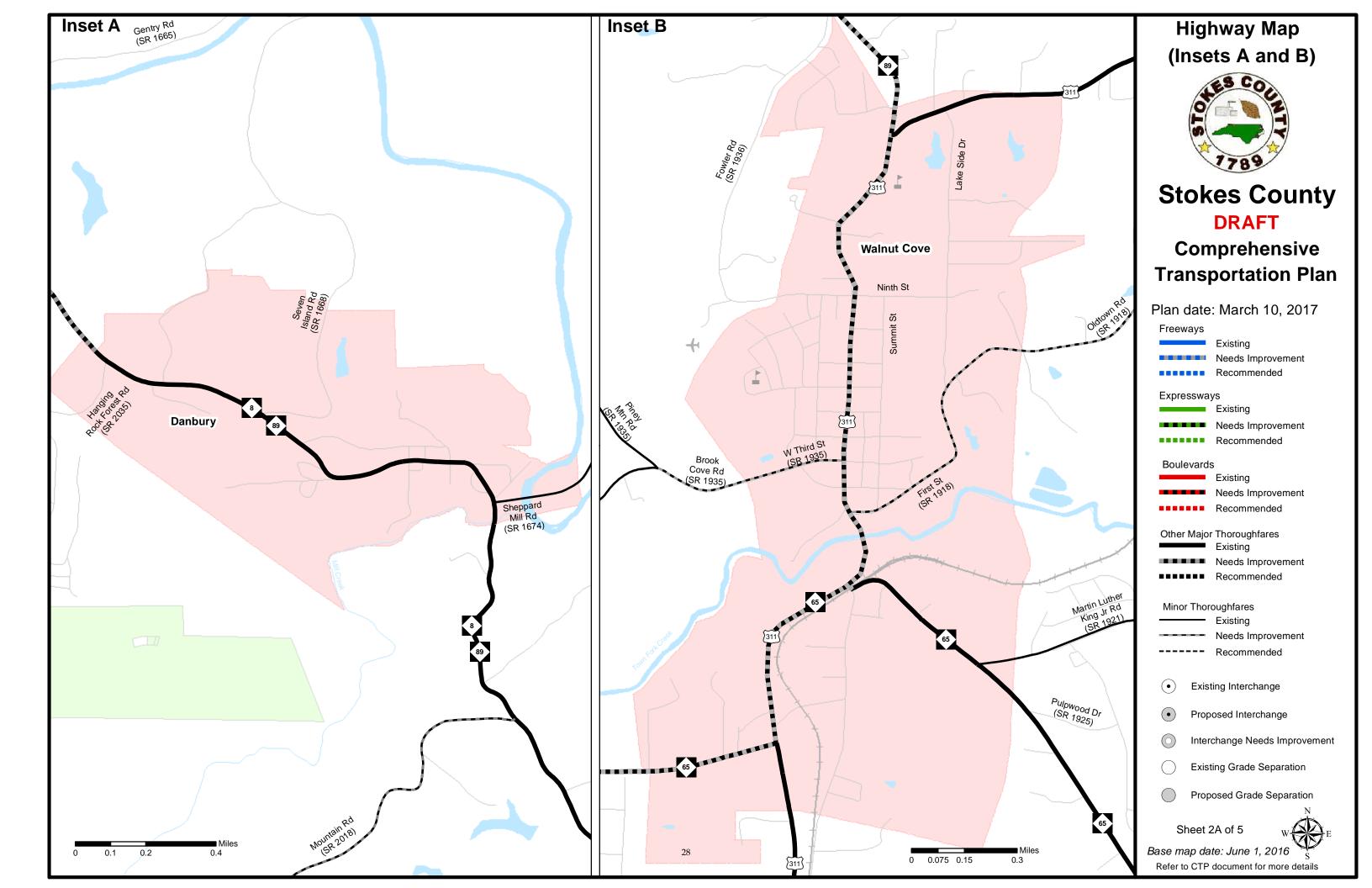
Town of Walnut Cove

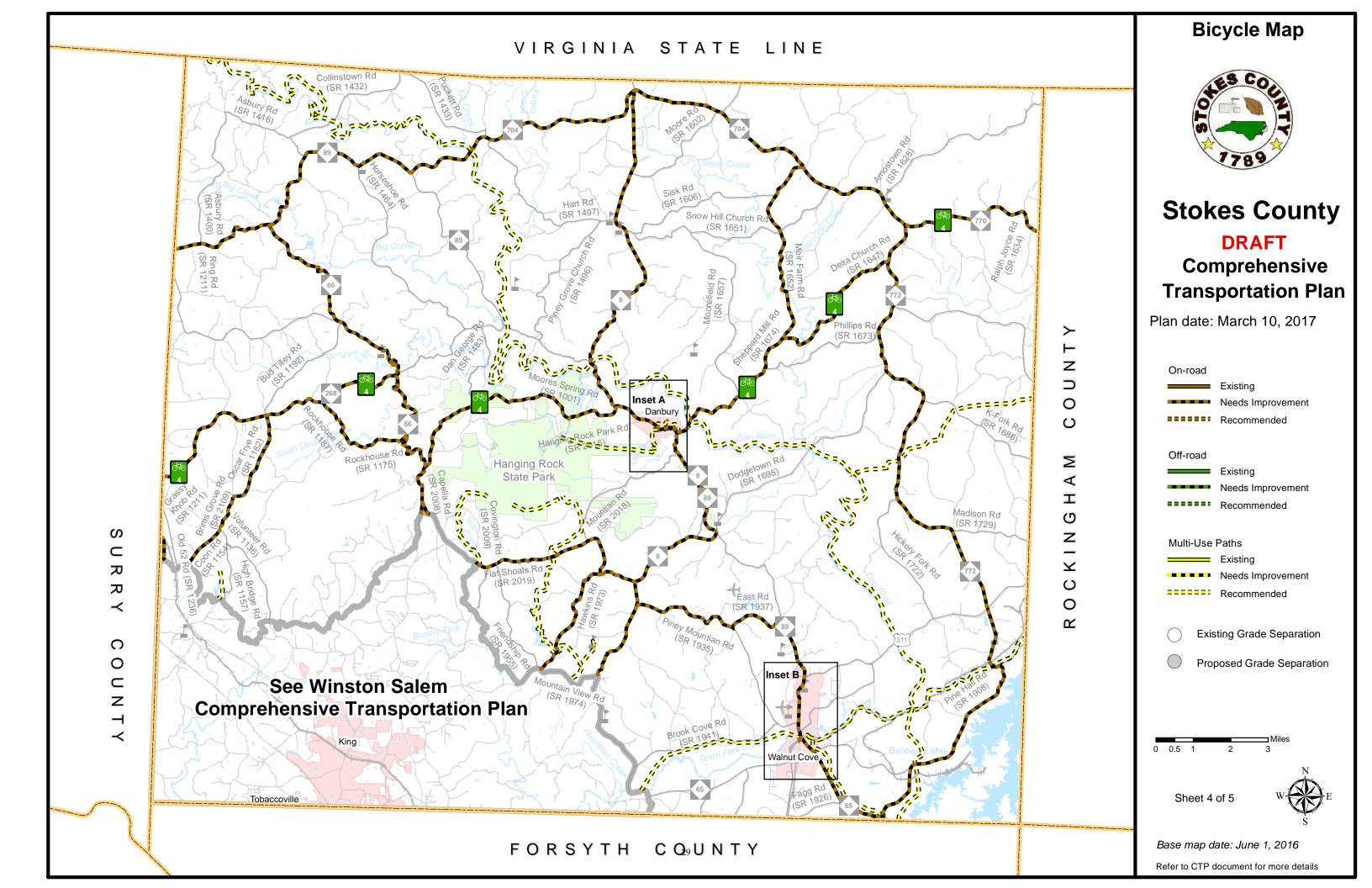
- US 311 (Main Street), STOK0002-P: from NC 89 to Lakeside Drive
- Lakeside Drive, STOK0003-P: from Ninth Street to US 311 (Main Street)
- Ninth Street, STOK0004-P: from Summit Street to Lakeside Drive
- Oldtown Road (First Street),STOK0005-P: from US 311 (Main Street) to Summit Street
- Summit Street, STOK0006-P: from First Street to Third Street
- Summit Street, STOK0007-P: from Fifth Street to Ninth Street

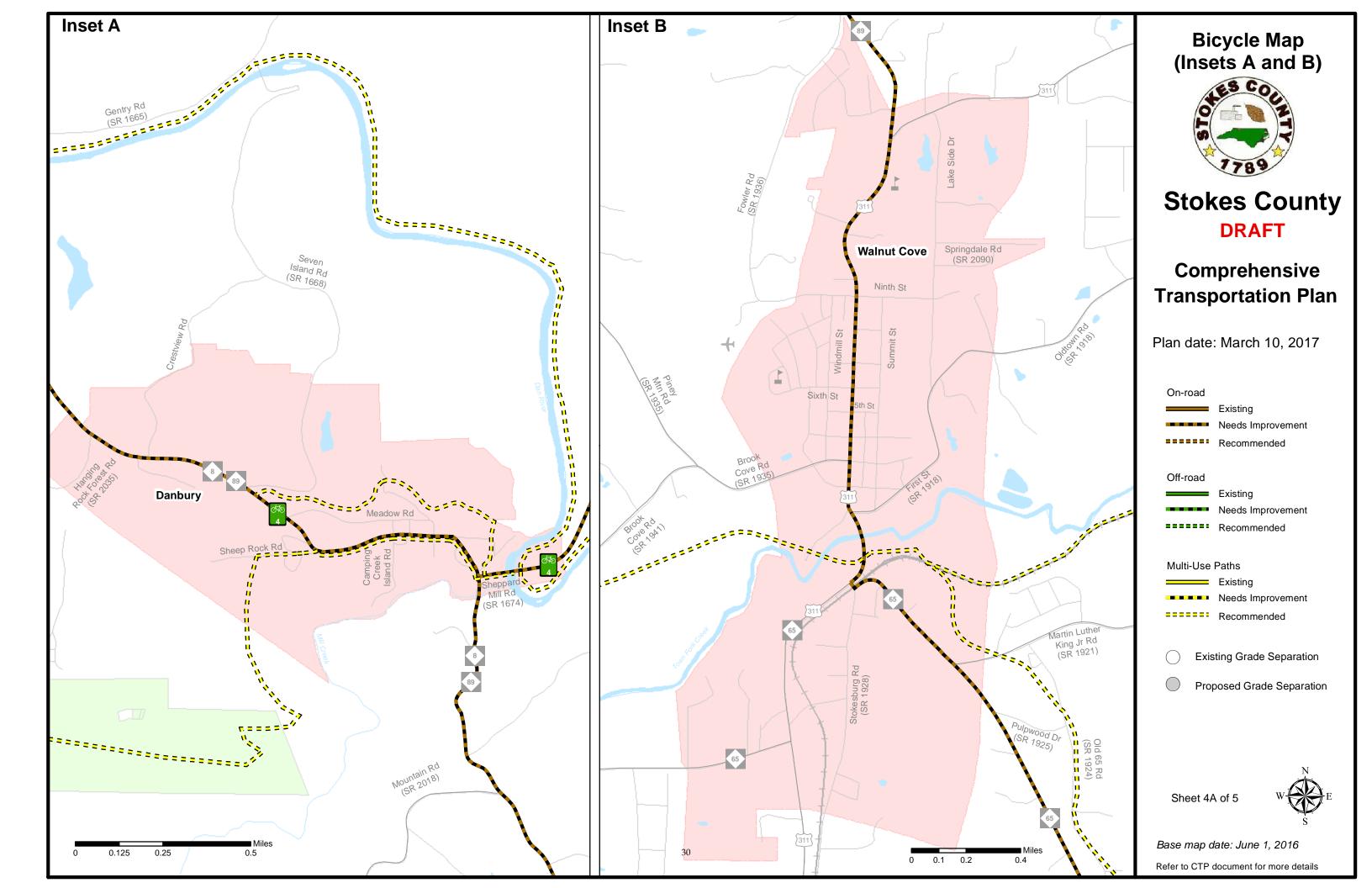
Sidewalks – Needs Improvement (Sidewalks needed on one side of the facility)

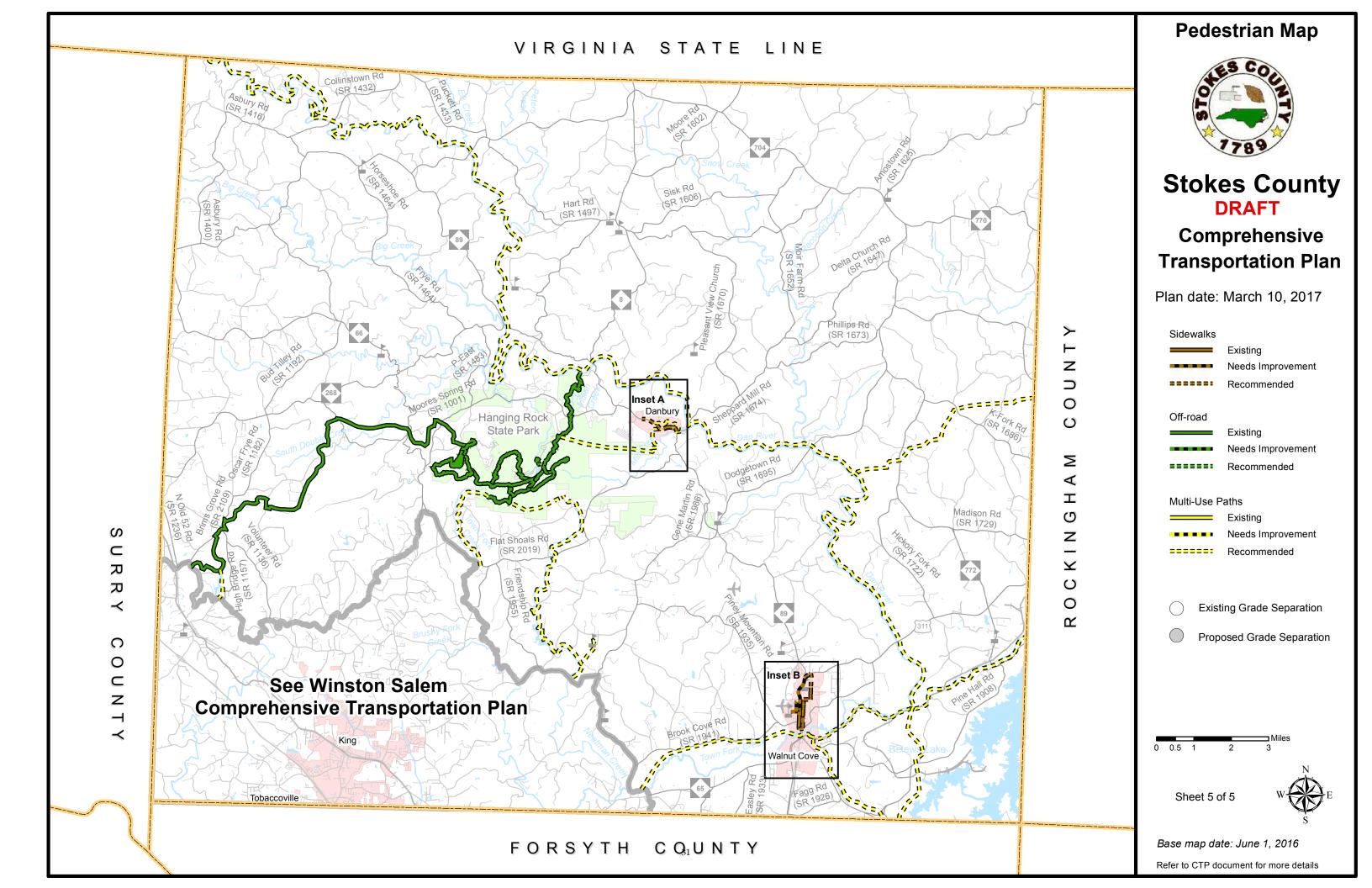
Town of Walnut Cove

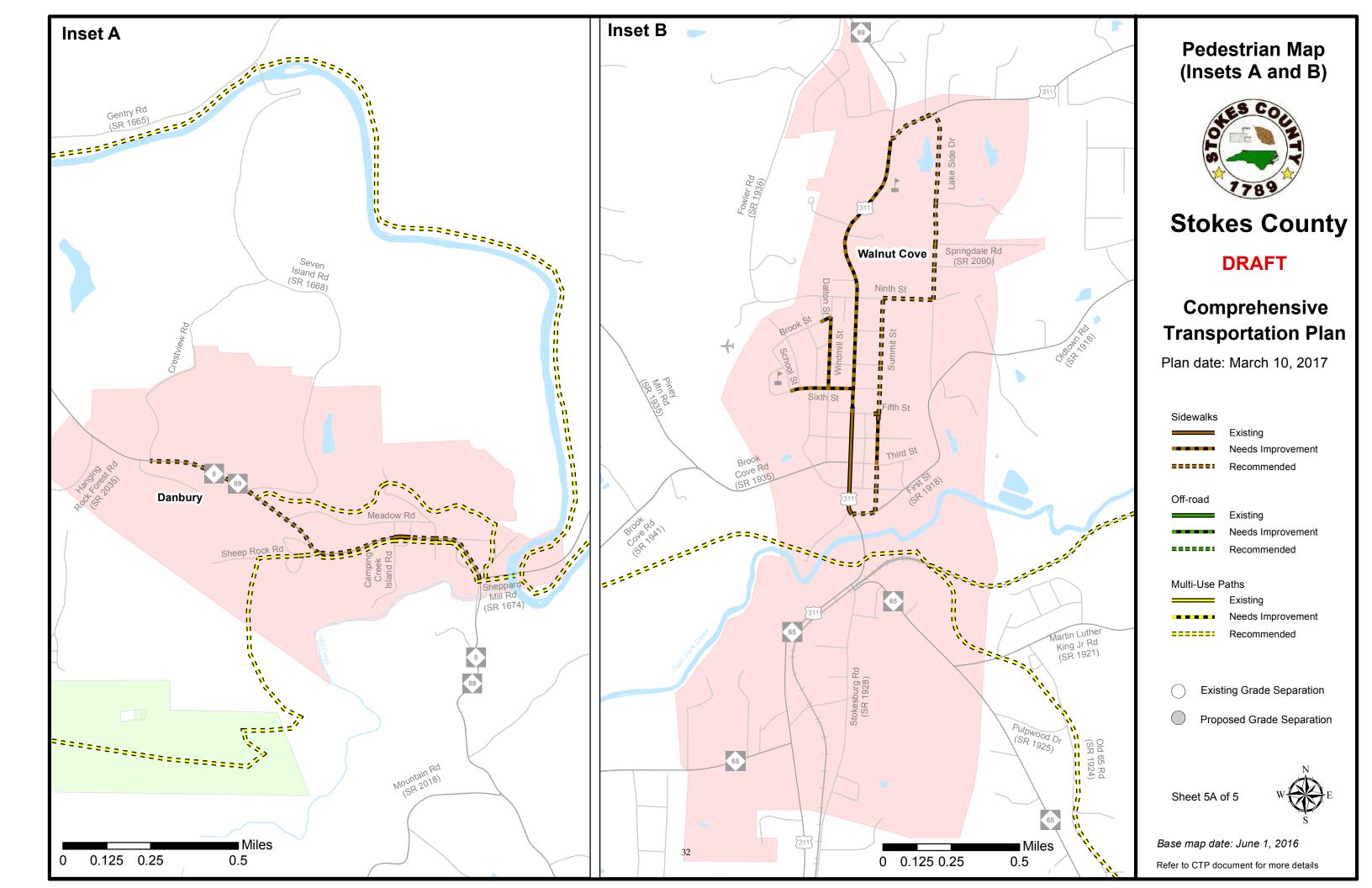
- US 311 (Main Street), STOK0008-P: from Fifth Street to NC 89
- Brook Street, STOK0009-P: from Dalton Street to Windmill Street
- Sixth Street, STOK0010-P: from School Street to US 311 (Main Street)
- Summit Street, STOK0011-P: from Third Street to Fifth Street
- Windmill Street, STOK0012-P: from Sixth Street to Brook Street









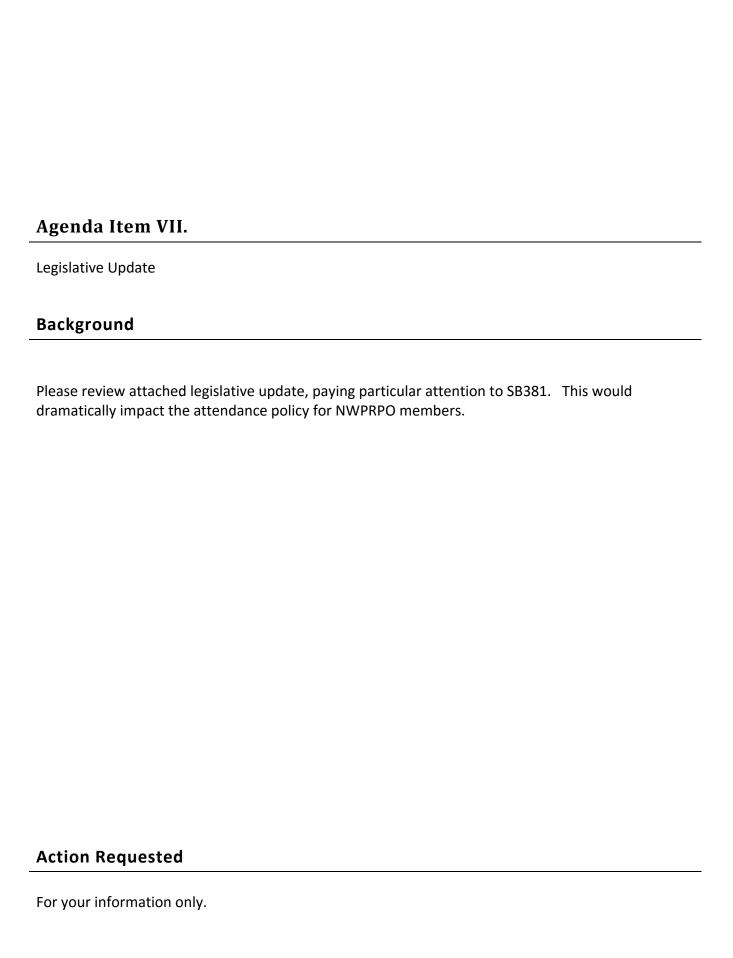


Agenda Item VI.
TAC Appointments & Updates
Background
Please see attached roster of 2017 TAC members.
Action Requested
For your information only.



Northwest Piedmont RPO Transportation Advisory Committee (TAC) 2017 Roster

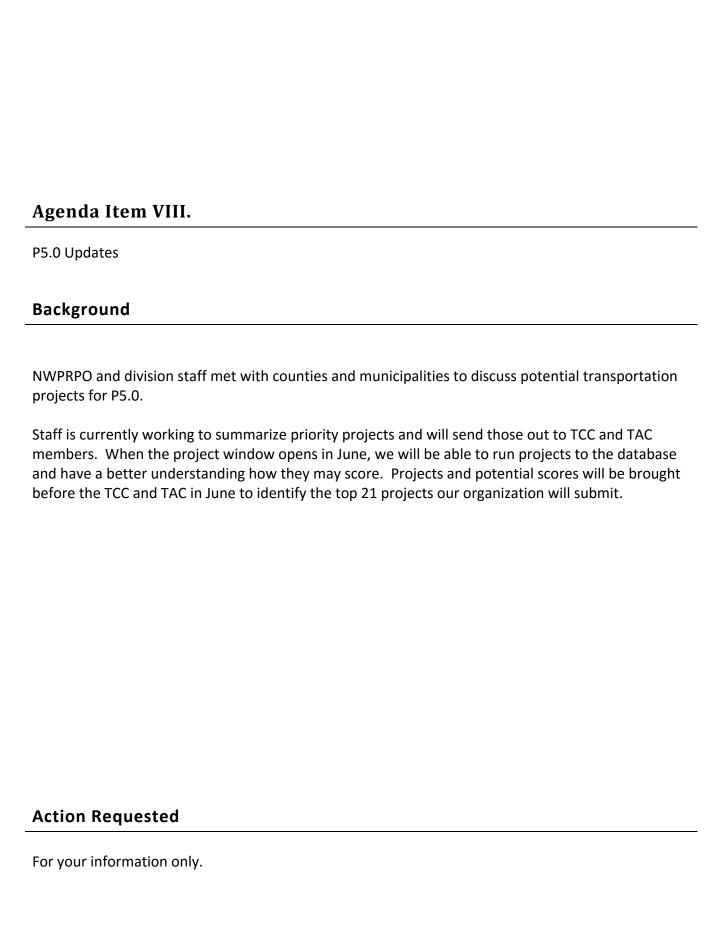
2017 Koster						
Name	Organization					
Commissioner Steve Yokeley, TAC Chair	City of Mount Airy					
Commissioner Wayne Moore, TAC Vice-Chair	Town of Jonesville					
Commissioner Sharon Conaway	Town of Walnut Cove					
Commissioner Kevin Austin	Yadkin County					
Commissioner Larry Phillips Commissioner Van Tucker (Alternate)	Surry County					
Commissioner Ernest Lankford	Stokes County					
Commissioner George Burns	Town of East Bend					
Commissioner Brent Ward	Town of Mocksville					
Commissioner Terry Renegar	Davie County					
Commissioner Robin Testerman	Town of Dobson					
Commissioner Steve Shelton	Town of Danbury					
Commissioner Bonnie Lasky	Town of Boonville					
Mayor Pro Tem Monta Davis-Oliver	Town of Yadkinville					
Commissioner Tommy Wheeler	Town of Elkin					
	Board of Transportation					



Legislativ	e Update
HB31: Material Fact Disclosure Clarifications Sponsors: Representatives Hastings; Stone; Davis; Floyd (Primary Sponsors) Referred to: Ref To Com On Rules and Operations of the Senate	An act to clarify that the mere fact that real property is included in a comprehensive transportation plan, standing alone, is not a required disclosure or a material fact for the purposes of disclosure for real estate transactions.
HB528: <u>Traffic Impact Analysis Time Frame</u> Sponsors: Representatives Millis and Torbett (Primary Sponsors) Referred to: Transportation, if favorable, State and Local Government II	An act to provide a time frame in which the Department of Transportation must make a decision on a driveway permit application requiring a traffic impact analysis.
HB501: DOT/Surveying Information in Plans Sponsors: Brody (Primary Sponsors) Referred to: Ref to the Com on Transportation, if favorable, Judiciary III on 03/29/2017	An act to require the Department of Transportation to include surveying information in any plans prepared for the purpose of acquiring certain property rights.
HB468: DOT/Funding for Preliminary Engineering Sponsors: Shepard; Torbett (Primary Sponsors) Referred to: Transportation, if favorable, State and Local Government II	An act to require the Department of Transportation to enter into agreements with units of local governments to fund preliminary engineering for certain transportation projects.
SB381: RTPO/Establish Attendance Policy Sponsors: McInnis; Davis (Primary Sponsors) Referred to: Rules and Operations of the Senate	An act to require rural transportation planning organizations to develop and implement attendance policies.

SB188: No Powell Bill Funds/Sanctuary Cities Sponsor: Raben (Primary Sponsor) Referred to: Ref To Com On Rules and Operations of the Senate on 03/07/2017	An act to prohibit distribution of state aid to municipalities for streets, known as Powell Bill Funds, in any fiscal year the municipality is in violation of state law prohibiting sanctuary ordinances, policies, or procedures.
HB219: <u>Transportation Megaproject Funding</u> Sponsor: Torbett (Primary Sponsor) Referred to: Ref To Com On Rules and Operations of the Senate on 03/09/2017	An act to establish a megaproject fund to fund higher-cost and larger-scale transportation projects, as recommended by the House Select Committee on Strategic Transportation Planning and Long Term Funding Solution.
HB242: <u>License Plate Reader Systems in State</u> <u>ROWs</u> Sponsor: Faircloth; McNeill; Ross; Davis (Primary Sponsor) Referred to: Transportation, if favorable, Energy and Public Utilities	An act to authorize the installation and use of automatic license plate reader systems in state rights-of-way.
HB220: State Infrastructure Bank Revisions. Sponsor: Torbett (Primary Sponsor) Referred to: Transportation, if favorable, Finance	An act to expand the purposes for which funds from the state infrastructure bank may be used and to create an oversight board for the state infrastructure bank, as recommended by the house select committee on strategic transportation planning and long term funding solutions.
HB81: STI/Regional & Division Weighting. Sponsor: Torbett (Primary Sponsor) Referred to: Ref To Com On Rules and Operations of the Senate on 03/02/2017	An act to adjust the weighting attributed under the transportation investment strategy formula to the Department of Transportation's Division Engineers, the Metropolitan Planning Organizations, and the Rural Transportation Planning Organizations, when selecting regional impact and division need projects, as recommended by the House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions.

HB110 (=SB3): DOT/DMV Changes. Sponsor: Torbett; Iler; Shepard (Primary Sponsor) Referred to: Re-ref Com On State and Local Government II on 04/04/2017	An act to make changes to state law related to the Department of Transportation and the Division of motor Vehicles, as recommended by the Joint Legislative Transportation Oversight Committee.
HB141: Maintenance Bond for Subdivision Roads. Sponsor: Farmer-Butterfield; Murphy; S. Martin (Primary Sponsor)	An act to establish a maintenance bond process for subdivision roads dedicated for public use to prevent degradation of transportation improvements prior to addition to the State Highway System.
Ref to the Com on State and Local Government II, if favorable, Transportation on 02/22/2017	



Agenda Item IX.
Division 9 Updates
Background
See attached documentation from Division 9
Action Requested
For your information only.

Div. 9 Northwest Piedmont RPO NWPRPO Transportation Update Tuesday, April 18, 2017

			T		Comptunation			1
TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Centrally Managed Projects Under Construction								
17BP.9.R.61	Replace (2) Bridges in Davidson, (1) in Davie, (3) Bridges in Rowan, and (4) Bridges in Stokes County.	May 19, 2015	June 30, 2019	Anticipate construction to begin Spring, 2017	\$10,642,621	Smith-Rowe, LLC	Dale Swicegood, PE (336)249-6255	Anticipate construction to start Spring, 2017. Still waiting on permits. Includes Br. #73 over Dutchman's Creek on SR 1324 (Ollie Harkey Rd) in Davie Co. Br. #86 over Snow Creek on SR 1691 (Stacy Rothrock Rd.), Br. #104 over the Dan River on SR 1695 (Dodgetown Rd.), Br. #129 over South Double Creek on SR 1484 (Dan George Rd.), and Br. #224 over Snow Creek on SR 1647 (Tom Shelton Rd.) in Stokes Co.
			Divisio	on Managed Projects l	Jnder Construc	tion		
2017CPT.09.38. 20302 (DI00156)	Asphalt Surface Treatment (AST) on 20.5 miles of 22 Sections of Secondary Routes in Davie Co.	March 8, 2017	Oct. 6, 2017	Availability date April 10, 2017	\$487,203	Blythe Construction, Inc	Lee Puckett, Jr., PE (336)747-7900	preconstruction mtg scheduled for 4/6 with work scheduled to begin on 4/17
2017CPT.09.41. 20852 (DI00159)	Asphalt Surface Treatment (AST) on 33.2 miles of 47 Sections of Secondary Routes in Stokes Co.	March 8, 2017	Oct. 6, 2017	Availability date April 10, 2017	\$949,812	Whitehurst Paving Co., Inc.	Lee Puckett, Jr., PE (336)747-7901	Preconstruction meeting scheduled for April 11, 2017
2017CPT.09.28. 10301.1 2017CPT.09.29. 20301.1 (DI00160)	Milling, Resurfacing, Shoulder Reconstruction and Pavement Markings Various Primary and Secondary Routes in Davie Co.	April 12, 2017	Nov. 3, 2017	Availability date May 15, 2017	TBD	TBD	Brett Abernathy, PE (336)747-7800	Currently advertised for let
2017CPT.09.31. 20341 2017CPT.09.34. 10851 2017CPT.35. 20851 (DI00162)	Milling, Resurfacing, Shoulder Reconstruction, and Pavement Markings on 1 Secondary Route in Forsyth and Various Primary and Secondary Routes in Stokes Co (total of 17.34 miles)	April 12, 2017	Oct. 20, 2017	Availability date May 22, 2017	TBD	TBD	Brett Abernathy, PE (336)747-7801	Currently advertised for let
I-5765 53008.3.1	Pavement Rehabilitation on 5 miles of I-40 from 1.5 mi. E. of US 64 to 1.2 mi. E. of SR 1410 (Farmington Rd), in Davie County.	Feb. 21, 2017	March 30, 3019 (permanent vegetation established by Oct. 01, 2018)	Work began March 19, 2017	\$29,690,680	APAC-Atlantic, Inc Thompson Arthur Div.	Lee Puckett, Jr., PE (336)747-7900	Contractors shifted all traffic from Westbound I-40 to Eastbound I-40 between mm 171 and mm 177 in Davie County, beginning March 19 (24 hours a day), to a two-way, one lane in each direction pattern during concrete pavement repairs and asphalt overlay of this section in Davie County. Traffic is expected to be returned to normal traffic pattern by midnight, April 19, 2017.
W-5601CI	Thermoplastic Pavement Markings on Various Routes in Davidson, Davie and Rowan Counties	Sept. 28, 2016	May 26, 2017	Work should start mid April	\$377,909	TMI Services, Inc.	Lee Puckett, Jr., PE (336)747-7900	Anticipating work to start as weather permits - mid April
			Central	lly Managed Projects	Under Develop	ment		
B-4819 38589.3.1	Replace Bridge #105 over Snow Creek on SR 1697 (Pitzer Rd.) in Stokes County	June 19, 2018	TBD	ROW TBD	\$1,700,000	TBD	Matt Jones, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP Funding and TIP Bridge Program Changes will push the project back. Likely will be delayed 3 years
B-5509 55009.3.1	Replace Bridge #62 over Neatman Creek on SR 1961 (Payne Rd.) in Stokes County	Oct. 15, 2019	TBD	ROW FY 2018	\$2,025,000	TBD	Matt Jones, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP
B-5766 45722.3.1	Replace Bridge #82 over the Dan River on SR 1674 (Sheppard Mill Rd.) in Stokes County	March 15, 2022	TBD	ROW Acquisition March 19, 2021	\$4,350,000	TBD	Matt Jones, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP
B-5768 45724.3.1	Replace Bridge #38 over Cedar Creek on NC 801 in Davie County	Oct. 17, 2023	TBD	ROW Acquisition Oct. 21, 2012	\$865,000	TBD	Matt Jones, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP
I-0911A 34147.3.4	DESIGN BUILD - I-40 West of NC 801 in Davie Co. to SR 1101 (Harper Rd) in Forsyth Co.	July 18, 2017	FY 2021	ROW Acquisition July 18, 2017	\$82,600,000	TBD	Brett Abernathy, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP
I-5887 46372.3.1	US 52 / Future I-74 at SR 1102 (Trinity Ch. Rd) near King in Stokes County - Convert existing grade separation to a full movement interchange	Feb. 18, 2025	TBD	ROW Acquisition Feb. 17, 2023	\$10,260,000	TBD	Brett Abernathy, PE (336)747-7800	Schedules subject to APPROVED 2016-2025 STIP
Division Managed Projects Under Development								
B-5784 45739.3.1	Replace Bridge #125 over North Double Creek on SR 1484 (Dan George Rd) in Stokes County.	Feb. 28, 2019	TBD	ROW Acquisition Feb. 28, 2018	\$1,085,000	TBD	Matt Jones, PE (336)747-7800	Division Let - Schedule acceleration approved in January BOT, Item N. Planning and Design is underway. Archaeological surveys are underway based on known sites in the area.
I-5823 50466.3.1	Pavement Rehabilitation on I-40 from I mi. E. of SR 1143 (Davie Academy Rd) to 0.7 mi. E. of US 601, in Davie County.	Jan. 15, 2019	TBD	Planning and Design in progress	\$11,381,000	TBD	Brett Abernathy, PE (336)747-7800	DDRL - Schedules subject to APPROVED 2016-2025 STIP Coordinate with I-5765

Div. 9 NWPRPO Transportation Update Tuesday, April 18, 2017

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Division Managed Projects Under Development								
R-5728 50220.3.1	Intersection Improvements on US 601 at S. Salisbury St. in Mocksville in Davie County.	March 20, 2018	TBD	ROW Acquisition March 17, 2017	\$825,000	TBD	Brett Abernathy, PE (336)747-7800	DPOC - Schedules subject to APPROVED 2016-2025 STIP
R-5736 50194.3.1	Widen to Multi-lanes - US 601 from SR 1345 (Blaise Church Rd) to SR 1408 (Cana Rd) in Davie County.	May 17, 2022	TBD	ROW Acquisition May 21, 2021	\$12,323,000	TBD	Brett Abernathy, PE (336)747-7800	DDRL - Schedules subject to APPROVED 2016-2025 STIP
R-5768 44670.3.1	Upgrade intersection and improve railroad crossing at US 311 and NC 65 in Walnut Cove in Stokes Co.	Jan. 17, 2023	TBD	ROW Acquisition Jan. 17, 2020	\$3,300,000	TBD	Brett Abernathy, PE (336)747-7800	DPOC - Schedules subject to APPROVED 2016-2025 STIP
R-5828	Construct Roundabout at the intersection of US 311 (S. Main Street) and First Street in Walnut Cove in Stokes County	FY 2021	TBD	ROW Acquisition FY 2020	\$650,000	TBD	Brett Abernathy, PE (336)747-7800	*Schedule subject to DRAFT 2017-2027 STIP
U-6002	Construct Roundabout at intersection of Yadkinville Road (NS) and Wilkesboro Street (NS) in Davie County	FY 2021	TBD	ROW Acquisition FY 2020	\$650,000	TBD	Brett Abernathy, PE (336)747-7800	*Schedule subject to DRAFT 2017-2027 STIP
17BP.9.C.3	Replace pipe #2061 at Unnamed Creek on SR 1316 (Dyson Rd.) in Davie County.	TBD	TBD	Planning and Design in progress	\$200,000	TBD	Matt Jones, PE (336)747-7800	Division Let - Due to funding and TIP Program changes, the let date is currently being reviewed.
17BP.9.C.4	Replace pipe #2085 at Branch of Cedar Creek on SR 1436 (Pinebrook School Rd.) in Davie County.	TBD	TBD	Planning and Design in progress	\$200,000	TBD	Matt Jones, PE (336)747-7800	Division Let - Due to funding and TIP Program changes, the let date is currently being reviewed.
17BP.9.C.6	Replace pipe #128 at Elk Creek on SR 1433 (Puckett Rd.) in Stokes County.	Feb. 28, 2018	TBD	Planning and Design in progress	\$200,000	TBD	Matt Jones, PE (336)747-7800	Division Let Planning and design is underway.
17BP.9.C.9	Replace pipe #107 at Lynn Branch on SR 1696 (Duggins Rd.) in Stokes County.	Feb. 28, 2018	TBD	Planning and Design in progress	\$200,000	TBD	Matt Jones, PE (336)747-7800	Division Let Planning and design is underway.
17BP.9.R.72	Replace Bridge #8 over Dan River on NC 704 in Stokes County.	Feb. 27, 2019	TBD	Planning and Design in progress	\$1,750,000	TBD	Matt Jones, PE (336)747-7800	Division Let Planning and design is underway.
17BP.9.R.73	DESIGN BUILD - Bridge #50 on SR 1411 over Dutchman's Creek; Bridge #78 on SR 1338 over Hunting Creek; Bridge #31 on NC 8 over Lick Creek; Bridge #55 on NC 47 over Flat Swamp Creek; and Bridge #82 on NC 47 over Lick Creek in Davidson and Davie Counties	June 28, 2017	TBD	In priority projects for an express design build	\$6,300,000	TBD	Matt Jones, PE (336)747-7800	This is going through priority projects for an express design build let. Currently we have shortlisted the prospective teams
17BP.9.R.41	Replace Bridge #176 over Lick Creek on SR 1926 (Fagg Rd) in Stokes County.	March 14, 2018	TBD	Planning and Design in progress	\$623,000	TBD	Matt Jones, PE (336)747-7800	Division Let Planning and design is underway.
TBD	Replace Bridge #50 over Dutchman's Creek on SR1411 (Cana Rd.) and Bridge #78 over Hunting Creek on SR1338 (County Line Rd.) in Davie County	Spring 2017	TBD	Data Collection underway	\$5,000,000	TBD	Matt Jones, PE (336)747-7800	These bridge will be combined with Bridges 31, 55 and 82 in Davidson County under an express design build contract. The anticipated let date will be in Spring 2017 with construction anticipated to begin in Spring 2018.
				Completed Pro	jects			
17BP.9.R.5	Replace Bridge #58 over Ricker's Branch on US 311 with culvert in Stokes County	June 24, 2015	June 20, 2016 (perm. vegetation established by Sept. 30, 2016)	100% Complete	\$595,219	Smith-Rowe, LLC	Dale Swicegood, PE (336)249-6255	Work is 100% complete. Project was accepted Nov. 18, 2016.
17BP.9.R.22	Replace Bridge #103 over Branch of Dan River on SR 1707 (Stewart Rd), with Aluminum Box Culvert, in Stokes Co.	Jan. 27, 2016	May 31, 2016 (perm. vegetation establishment Nov. 11, 2016)	100% Complete	\$653,720	James R. Vannoy & Sons	Jeremy Guy, PE (336)747-7950	Work began Feb. 29, 2016. Construction is complete and roadway reopened. Final acceptance - Nov. 11, 2016.
17BP.9.R.25	Replace Bridge #83 over Sugar Creek on SR 1436 (Pinebrook School Rd) in Davie Co.	April 27, 2016	Sept. 19, 2016 perm. veg. established Mar. 31, 2017	100% Complete	\$437,152	Smith-Rowe, LLC	Dale Swicegood, PE (336)249-6255	Work is complete. Project was accepted October 31, 2016.
17BP.9.R.34	Replace (4) bridges in Davidson County, (1) in Forsyth County, (3) in Rowan County, and (1) in Stokes County.	April, 2012	October 28, 2016	100% Complete	\$12,585,775	Crowder Construction Co.	Jeremy Guy, PE (336)747-7950	Design Build Project - All work in Stokes County is complete on this project.
2016CPT.09.20. 10301.1 2016CPT.09.21. 20301.1	Contract Resurfacing of 11.626 miles on (2) sections of Primary and (2) sections of Secondary Routes in Davie County.	May 11, 2016	November 18, 2016	100% Complete	\$1,316,221	APAC-Atlantic, Inc Thompson Arthur Div.	Lee Puckett, Jr., PE (336)747-7900	Project 100% Complete. Accepted Sept. 1, 2016.
2016CPT.09.26. 10851.1 2016CPT.09.27. 20851.1	Contract Resurfacing of 12.888 miles on (1) section of Primary and (10) sections of Secondary Routes in various locations of Stokes County.	May 11, 2016	December 15, 2016	100% Complete	\$1,325,171	APAC-Atlantic, Inc Thompson Arthur Div.	Lee Puckett, Jr., PE (336)747-7900	Work is complete.
2017CPT.09.12. 20302.1	Asphalt Surface Treatment (AST) of 21.29 miles of Secondary routes in Davie Co.	March 23, 2016	October 14, 2016	100% Complete	\$423,388	Whitehurst Paving Co., Inc.	Lee Puckett, Jr., PE (336)747-7900	Work is complete.
17BP.9.R.27	Replace Bridge #11 over East Prong of Yadkin River on SR 1166 (YMCA Camp Rd) in Stokes County.	June 8, 2016	Dec. 19, 2016 (permanent vegetation established by June 23, 2017)	100% Complete	\$699,708	Smith-Rowe, LLC	Jeremy Guy, PE (336)747-7950	Work began July 18, 2016. Road is closed with off-site detour. The old bridge has been removed. The new bridge is in place and partially paved. Construction is anticipated to be complete by the completion date.
2017CPT.09.15. 20852.1	Asphalt Surface Treatment (AST) of 41.14 miles of Secondary routes in Stokes Co.	March 23, 2016	October 14, 2016	100% Complete	\$816,054	Whitehurst Paving Co., Inc.	Lee Puckett, Jr., PE (336)747-7900	Work is complete.

Page 2

Agenda Item X.
RPO Updates
Background
See Attachments:
 P4.0 Letter of Support - Local Matches and Other Contributions for Non-Highway Revisions to the 2016-2025 STIP
• Categorical Exclusion (CE) Agreement - NCDOT and FHWA have recently updated our Categorical Exclusions (CE) Agreement (attached) which will change much of how NCDOT does business with FHWA with regards to CEs. The major change involves the use of the newly revised programmatic categorical exclusion checklist (attached) for all federal-aid projects and the approval process. While the CE checklist is available for immediate use, it is mandatory that it be used for all federal-aid projects after April 27, 2017. CE projects that are currently in progress will need to be signed by April 27, 2017. Otherwise they should be subsequently converted to the checklist format. (No Attachment)
Action Requested

For your information only.

DATE

Van Argabright
Manager, NCDOT STIP Unit
1534 Mail Service Center
Raleigh, NC 27699-1534
(Or via email: vargabright@ncdot.gov)

RE: Letter of Support for Required Local Matches and Other Contributions for P4.0 Non-Highway Draft Programmed Projects

To whom it may concern,

The MPO/RPO/Division submitted project(s) within City/Town/County for scoring and ranking in NCDOT's strategic prioritization process, developed in accordance with the Strategic Transportation Investments (STI) law. These projects were submitted and scored in P4.0 with the local matches and/or other contributions as listed below. City/Town/County understands that a local match is required for STI-funded Aviation, Bicycle/Pedestrian, and Public Transportation projects (minimum of 20% for Bicycle/Pedestrian and 10% for Aviation and Public Transportation).

The following P4.0 Non-Highway projects have been programmed in the Draft 2018-2027 STIP with the associated local matches and/or other contributions as shown:

SPOT ID	STIP#	Project Name	County(ies)	MPO/RPO(s)	Division(s) #

SPOT ID (repeat above)	STIP # (repeat above)	First Programmed Year (ROW or CON)	\$ Amount of Match / Contribution	Source of Match / Contribution	% of Total Project Cost	Required Match (Yes/No)

City/Town/County understands it will be required to provide the amount of non-federal local match and/or other contributions as listed above. This letter confirms this understanding and support.

City/Town/County is aware that the local funding will be due when each project(s) is authorized by NCDOT, and the project(s) is subject to additional requirements to be described in agreements with NCDOT. City/Town/County also understands that this letter of support does not guarantee that any project(s) will be included in the final STIP.

Sincerely,

NAME

TITLE (Mayor, City/Town Manager, Department Head, etc.)

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP MODIFICATIONS

DIVISION 9

* R-5789 2017 -VARIOUS, DIVISION 9 TRANSPORTATION CONSTRUCTION \$200,000 (S)

DAVIDSON ALTERNATIVES PROGRAM. 2017 -\$800,000 (TAP) \$1,000,000

DAVIE ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY

FORSYTH PROGRAMMED.

ROWAN **STOKES**

PROJ.CATEGORY

DIVISION

DIVISION 11

VARIOUS, DIVISION 11 TRANSPORTATION * R-5791 CONSTRUCTION FY 2017 -\$200,000 (S)

ALLEGHANY ALTERNATIVES PROGRAM. FY 2017 -\$800,000 (TAP) \$1,000,000

ASHE ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY

AVERY PROGRAMMED.

CALDWELL SURRY WATAUGA **WILKES** YADKIN

PROJ.CATEGORY

DIVISION

These items are for informational purposes only and subject to future NC Board of Transportation approval. It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.