



Technical Coordinating Committee (TCC) Meeting
Tuesday, February 17th, 2015
12:00 p.m.
Jonesville Town Hall

AGENDA

Welcome and Ethics Statement

George Crater

Action Items

- | | | |
|------|---------------------------------|--------------------|
| I. | TCC Minutes – December 16, 2015 | George Crater |
| II. | 2015 Officers | George Crater |
| III. | Stokes County Connector | Elizabeth Jernigan |

Discussion Items

- | | | |
|------|----------------------------------|--------------------|
| IV. | STIP Public Information Sessions | Elizabeth Jernigan |
| V. | SPOT 4.0 Workgroup Update | Jesse Day |
| VI. | 2016 Planning Work Program | Elizabeth Jernigan |
| VII. | Ethics Requirements | Elizabeth Jernigan |

Informational Items

- | | | |
|-------|---------------------|--------------------|
| VIII. | Division 9 Updates | Diane Hampton |
| IX. | Division 11 Updates | Dean Ledbetter |
| X. | TPB Update | Vernia Wilson |
| XI. | RPO Update | Elizabeth Jernigan |

New Business

TCC Members

Adjournment

George Crater

Next Meeting

Tuesday, April 15th, 2015, Pilot Mountain



Agenda Item

Agenda Item I

TCC Meeting Minutes December 16th

Background

The minutes from the meetings are attached.

Action Requested

Consideration of the minutes



Technical Coordinating Committee (TCC) Meeting
Tuesday, December 16th, 2014
12:00 p.m.
Elkin Town Hall

MINUTES

Attendance

Vernia Wilson, NCDOT TPB
Amy Euliss, NCDOT
Andrew Meadwell, Davie County
Michael Poston, Yadkin County
George Crater, Elkin
Chris Ong, Yadkinville

Scott Bufkin, Jonesville
Michael Poston, Yadkin County
Dean Ledbetter, NCDOT – Div 11
Lisa Hughes, Yadkin County
Elizabeth Jernigan, PTRC
Jesse Day, PTRC

Welcome and Ethics Statement

George Crater read the ethics statement. Nobody had a conflict of interest.

Action Items

I. *TCC Minutes – October 14, 2014*

George Crater asked if committee members had a chance to review the minutes from the last meeting. Elizabeth Jernigan indicated the copies in the agenda packet did not include meeting attendees, however the version presented to the committee for approval included attendees. Andrew Meadwell made a motion to approve the minutes. Michael Poston seconded the motion. The minutes were approved.

II. *Resolutions of Support*

a. Yadkin County Comprehensive Transportation Plan (CTP) Resolution of Adoption

Vernia Wilson presented the Yadkin County CTP for recommendation of approval by the Technical Advisory Committee (TAC). She indicated there had been no changes from previous version with the exception of replacing the “draft” text to “recommended.” The current Plan has been adopted by municipalities in the County and Yadkin County adopted the Plan on November 17th. Michael Poston made a motion to recommend adoption of the resolution and Andrew Meadwell seconded the motion.

b. Piedmont Together Resolution of Support

Elizabeth Jernigan presented on Piedmont Together. The 1.6 million dollar project was administered by PART and PTRC served as the lead planning agency. Ultimately the plan resulted in was a strategic plan documenting 16 goals, 172 objectives and 259 strategic actions across five categories, jobs, housing, transportation, healthy

communities and places and spaces . The project is documented through a powerful website which hosts an interactive map that can be used by administrators and others to show how transportation, poverty, environmental conditions, etc., intersect. The strategic plan doesn't identify specific actions a community is required to take but lays the groundwork for a community to customize individual plans. George Crater made a motion to recommend adoption and Chris Ong seconded the motion.

Discussion Items

III. 2015 TCC Meeting Dates

The TCC agreed on the following 2015 meeting schedule. The schedule is subject to change on an as needed basis.

- February 17th – Pilot Mountain
- April 14th – Jonesville
- June 16th – PTRC Kernersville
- August 18th – Davie County
- October 20th – Yadkinville
- December 15th Surry County or Elkin

IV. Officers

George Crater also indicated it is time to vote for officers. The TCC agreed to wait until the next meeting to elect officers in hopes there are more members present.

V. Stokes County CTP

Elizabeth Jernigan will recommend Stokes County as a candidate for a Comprehensive Transportation Plan. Their land use plan (Stokes2035) should be completed early in 2015 making them eligible. We need to submit the proposal in January but can withdraw the application if Stokes County does not want to proceed.

VI. STIP

Jesse Day presented an overview of the STIP and how NWPRPO scored compared with other regions in the state.

Informational Items

VII. Division 9 Updates

John Rhyne was unable to attend and sent handouts with Amy Euliss on Division 9 projects. There were no questions.

VIII. Division 11 Updates

Dean Ledbetter provided handouts and provided a project update. There were no questions.

IX. TPB Update

Vernia Wilson identified the Yadkin County CTP as the only update for TPB.

X. RPO Update

Elizabeth Jernigan discussed the NWPRPO Streetscape Assessment program including how we are addressing the specific needs of each community. One of the main components of the final document will be a strong appendix.

XI. *Northern Long-eared Bat (NLEB) Update*

Amy Euliss, NCDOT Division 9 Environmental Officer, presented on the Northern Long-eared Bat which is proposed to be federally endangered on April 2nd, 2015. The bat is being attacked by a fungus (white-nose syndrome) which blocks their airways. The species has a very large range and can be found in culverts and under bridges. All work activities that could impact the NLEB not completed by the time of listing would be subject to the Endangered Species Act and Section 7 consultation with no grandfathering. Currently identified activities with the potential to impact NLEB include:

- Tree clearing: Oct 15 to April 15 without tree surveys
- Structure demolition/removal: surveys required
- Structure maintenance activities: surveys required
- Subsurface mines within 0.5 miles: surveys
- Cost: 20 mile project with 10 miles habitat, survey cost equaled \$238,000
- Consultation with USFWS if present

New Business

No new business

Adjournment

George Crater asked for a motion to adjourn. Michael Poston made the motion and Scott Bufkin seconded the motion. The meeting was adjourned at 2:00pm. Next meeting is Tuesday, February 17th, 2015 at 12pm in Pilot Mountain.

George Crater, Chair
Transportation Coordinating Committee

Elizabeth Jernigan, Secretary
Transportation Coordinating Committee



Agenda Item

Agenda Item II

2015 Officers

Background

Chair and Vice Chair term have expired.

Action Requested

Elect new officers

Agenda Item III

Stokes County Connector

Background

The draft 2040 MTP street and highway project list was presented to the Winston-Salem Urban Area MPO on January 15, 2015.

During the presentation of the list, a recommendation was made to consider removing four projects scheduled for the final horizon year time period that received low scores in the STI process. One of these projects is:

Stokes County Connector - TIP project R-3823
US 52 (King) to US 311 (Walnut Cove). Two Lanes Utilizing Existing Secondary Roads Where Possible, Some New Location.

The Winston-Salem Urban Area MPO initiated a conversation with Stokes County, The Town of King, the MPO and the NCDOT partners on the pros and cons of removing this project from the 2040 MTP. On a conference call on February 9, 2015, the above stakeholders recommended removing the aforementioned project. The project was originally proposed under the assumption a more vibrant economy would increase the travel demand between King and Walnut Cove. The project never gained any support.

Action Requested

Recommend removal of TIP project R-3823 from the 2040 Metropolitan Transportation Plan.

Winston-Salem Urban Area Metropolitan Planning Organization 2040 Fiscally Constrained Long Range Transportation Plan Update

2031-2040 Street and Highway Project List

Project ID	STIP Number	Project Name	Project Description and Limits	Mileage Project (Segment)	Existing Cross-Section	Proposed Cross-Section	Regional Significance	Project Cost* (Thous.)	Federal Functional Class (FFC)	Notes
WS-L016		MLK Jr. Drive Extension	Trade Street to Northwest Boulevard	1.0	2 lane	New 4 lane divided w/bike and sidewalk	No	24,933	Major Collector	Low STI score
WS-L010		Williams Road (SR 1173) at US 421	Williams Road Bridge over US 421	0.1	2 lane	Replace/Widen Bridge to multi-lanes w/bike & sidewalk	No	6,726	Major Collector	May move to 2030 Horizon Year based on Bridge Sufficiency Rating
WS-L017		Glenn Hi Road Extension	Union Cross Road (SR 2643) to NC 66	3.3		New 4 lane divided w/bike and sidewalk	No	32,276	Local	Low STI score - Consider removing from the 2040 MTP
WS-T018	R-2577B	US 158	Muti-Lanes North of US 421/I-40 Business in Winston-Salem to US 220 (Part B - NC 66 to Guilford County Line). Widen to a Multi-Lanes.	18.8 (7.1)	2 lane	4 lane divided w/ sidewalk	Yes	42,900	Other Principal Arterial	
WS-T022	U-2826	US 52	I-40 Bypass to Proposed Northern Beltway (Western Loop) Interchange. Widen and Upgrade Roadway and Interchanges.	12.0	4-6 lane freeway	6 lane Interstate with auxillary lanes	Yes	499,813	Freeway/ Expressway	
WS-T023	R-3823	Stokes County Connector	US 52 (King) to US 311 (Walnut Cove). Two Lanes Utilizing Existing Secondary Roads Where Possible, Some New Location.	15.0		New 2 lane w/ bike	No	89,837	Local	Low STI score - Consider removing from the 2040 MTP
WS-T024	I-4924	I-73 - I-74 Connector (Regional Airport Connector)	Northern Beltway/West Mountain Street to NC 150	6.9		New 4 lane freeway	Yes	229,559	Freeway/ Expressway	Low STI score - Consider removing from the 2040 MTP
WS-T025	R-2247	Winston-Salem, Northern Beltway (Western Loop).	Winston-Salem Northern Beltway - Western Section. Interstate-40 to US 52. Four Lane Freeway on New Location.	14.8		New 4 lane freeway	Yes	390,024	Freeway/ Expressway	
WS-T025	R-2247A	Winston-Salem, Northern Beltway (Western Loop)	Winston-Salem Northern Beltway, US 158 (South Stratford Road) to I-40. Four Lane Freeway on New Location.	1.9		New 4 lane freeway	Yes	29,301	Freeway/ Expressway	
WS-T026	R-3610	NC 801	From Peoples Creek Road (SR 1650) at Advance to US 158 South of I-40. Upgrade Roadway from SR 1650 to SR 1624, Multi-Lane Roadway from SR 1624 to US 158, bike lanes	4.6	2 lane	4 lane divided w/bike and sidewalk	No	34,098	Minor Arterial	Cross Section conflict with the CTP
WS-T027	U-2730B	NC 65 (Bethania-Rural Hall Road)	US 52 to NC 66 in Rural Hall. Widen to 5-lanes, US 52 to SR 3983 (Northridge Park Dr) and to 3-lanes, SR 3983 (Northridge Park Dr) to NC 66.	2.4	2 - 3 lane	3 - 5 lane w/bike and sidewalk	No	63,468	Minor Arterial	Three lane portion of the project is complete
WS-L019		US 311 Connector	I-40 to Business I-40	2.8		New 4 lane divided w/bike and sidewalk	Yes	56,570	Other Principal Arterial	Low STI score - Consider removing from the 2040 MTP
WS-L020		Business Interstate 40 (US 421)	Northern Beltway to Guilford County	5.3	4 lane freeway	6 lane freeway	Yes	69,540	Freeway/ Expressway	
WS-L013		Peace Haven/Styers Ferry Rd. Conn.	Lewisville-Clemmons Road (SR 1103) to Peace Haven Road (SR 1891)	1.8		New 2 lane w/bike and sidewalk	No	24,874	Proposed Collector	Recommended FFC

Project Moved Horizon Years from 2035 Transportation Plan Update
Project Recommended for Removal from the 2040 MTP
 * Project Cost is for Total Project

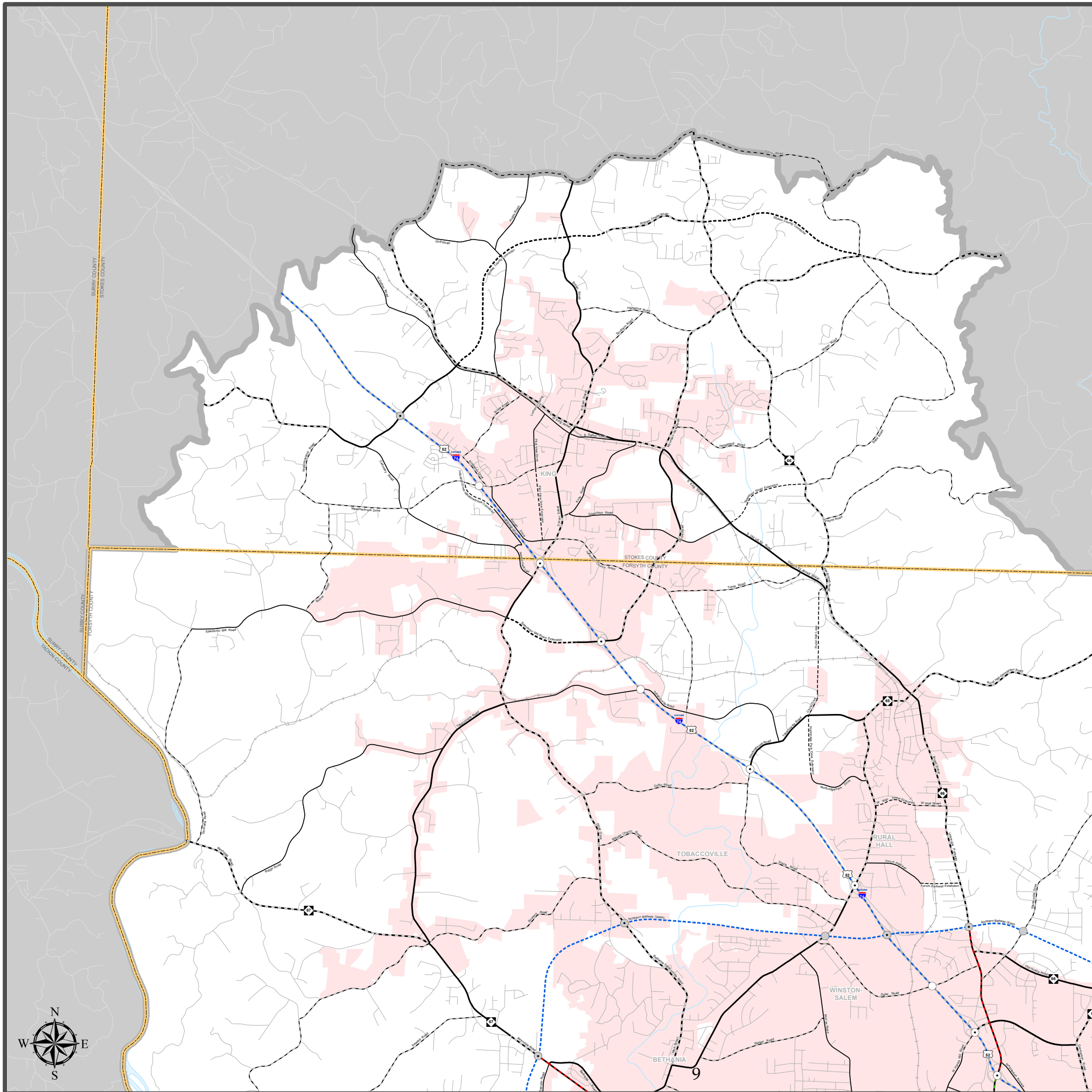
Highway Map



Winston-Salem Urban Area

CTP Inset A Northwest Area

Plan date: May 17, 2012



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

0 0.2 0.4 0.8 1.2 1.6 Miles

Sheet 2A

Base map date: May 10, 2011

Refer to CTP document for more details

Agenda Item

Agenda Item E*

STIP Public Information Sessions

Background

These outreach sessions were scheduled to inform the public about the Draft STIP and gather input on the process. People who cannot attend a meeting in person can also provide feedback via phone, fax and e-mail. DOT also created a [MindMixer](http://engagencdot.mindmixer.com/) page (<http://engagencdot.mindmixer.com/>), which allows people to provide feedback online.

APRIL 13 – HICKORY (DIVISIONS 11 & 12)
(Division 11 - Alleghany, Ashe, Avery, Caldwell, Surry, Watauga, Wilkes, Yadkin;
Division 12 - Alexander, Catawba, Cleveland, Gaston, Iredell, Lincoln)
[Western Piedmont Council of Government Offices](#)
1880 2nd Avenue NW, Hickory, NC 28349

APRIL 21 – KERNERSVILLE (DIVISION 9)
(Division 9 - Davidson, Davie, Forsyth, Rowan, Stokes)
[Piedmont Triad Regional Council](#)
1398 Carrollton Crossing Drive, Kernersville, NC 27284

Action Requested

Promote STIP public outreach meetings.

Public Information Sessions

March 17 – April 23, 2015

What is the STIP?

The 2016-2025 Draft State Transportation Improvement Program (STIP) provides the schedule of projects proposed for full or partial funding across the state over the next 10 years. It is one of our most comprehensive programs ever, including 1,073 projects across all transportation modes and all 100 counties. These projects will benefit every corner of the state by improving connectivity, reducing congestion, enhancing safety and strengthening our highways, which support economic growth, job creation and a high quality of life for North Carolinians.

What is the purpose of these sessions?

To inform the public about the Draft STIP and gather input on the process to create it. People who cannot attend a meeting in person can also provide feedback via phone, fax and e-mail. We also have created a [MindMixer](http://engagencdot.mindmixer.com/) page (<http://engagencdot.mindmixer.com/>), which allows people to provide feedback online.

What is new in this STIP?

When Gov. Pat McCrory signed the Strategic Transportation Investments (STI) law in June 2013, which created the Strategic Mobility Formula, his goal was to better connect North Carolina and create more jobs. The new Mobility Formula allows NCDOT to more efficiently invest transportation dollars through a data-driven process that addresses statewide and local needs. The 2016-2025 Draft STIP is the first one ever under the new data-driven prioritization process.

Meeting Format

Each meeting will be held from 4 – 7 p.m. in an open-house format. Participants can drop in anytime during these hours. There will not be a formal presentation. The sessions provide citizens an opportunity to learn more about the process to develop the Draft STIP, view an interactive STIP map, view a brief video, review project information with NCDOT staff, and provide us feedback on the process through a brief survey.

NCDOT will provide auxiliary aids and services under the Americans with Disabilities Act for disabled persons who want to participate in this meeting. Anyone requiring special services should contact Anamika Laad at alaad@ncdot.gov or 919-707-6072 as early as possible so that arrangements can be made.

NCDOT also will provide interpretive services upon request for persons who do not speak English, or have a limited ability to read, speak or understand English. Anyone requesting these services should do so prior to the meeting by calling 1-800-481-6494.

Session Dates and Locations

MARCH 17 – WILLIAMSTON (DIVISIONS 1 & 4)

(Division 1 - Camden, Currituck, Dare, Gates, Pasquotank, Perquimans, Bertie, Hertford, Northampton, Chowan, Hyde, Martin, Tyrrell, Washington; Division 4 - Edgecombe, Halifax, Johnston, Nash, Wayne, Wilson)

[Bob Martin Agricultural Center](#), Room 1, 2900 NC 125 South, Williamston, NC 27892

MARCH 19 – KENANSVILLE (DIVISIONS 2 & 3)

(Division 2 - Beaufort, Carteret, Craven, Greene, Jones, Lenoir, Pamlico, Pitt; Division 3 - Brunswick, Duplin, Onslow, New Hanover, Pender, Sampson)

[James Sprunt Community College](#), Williams 100, 133 James Sprunt Drive, Kenansville, NC 28349

MARCH 23 – HILLSBOROUGH (DIVISION 7)

(Division 7 - Alamance, Caswell, Guilford, Orange, Rockingham)

[Orange County Government West Campus Office Building](#), 131 West Margaret Lane in Hillsborough, NC 27278

MARCH 26- GREENSBORO (DIVISION 7)

[NCDOT Division 7 Office](#), 1584 Yanceyville Street, Greensboro, NC 27405

MARCH 31 – FAYETTEVILLE (DIVISIONS 5 & 6)

(Division 5 - Durham, Franklin, Granville, Person, Vance, Wake, Warren; Division 6 - Bladen, Columbus, Cumberland, Harnett, Robeson)

[Snyder Memorial Baptist Church](#), fellowship hall, 701 Westmont Drive, Fayetteville, NC 28305

APRIL 9 – ALBEMARLE (DIVISIONS 8 & 10)

(Division 8 - Chatham, Hoke, Lee, Montgomery, Moore, Randolph, Richmond, Scotland; Division 10 - Anson, Cabarrus, Mecklenburg, Stanly, Union)

[Stanly County Commons](#), commissioner's room, 1000 North 1st Street, Albemarle, NC 28001

APRIL 13 – HICKORY (DIVISIONS 11 & 12)

(Division 11 - Alleghany, Ashe, Avery, Caldwell, Surry, Watauga, Wilkes, Yadkin; Division 12 - Alexander, Catawba, Cleveland, Gaston, Iredell, Lincoln)

[Western Piedmont Council of Government Offices](#), 1880 2nd Avenue NW, Hickory, NC 28349

APRIL 16 – WAYNESVILLE (DIVISIONS 13 & 14)

(Division 13 - Buncombe, Burke, Madison, McDowell, Mitchell, Rutherford, Yancey; Division 14 - Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Polk, Swain, Transylvania)

[Haywood Community College Regional High-Tech Center](#), lobby and auditorium, 112 Industrial Park Drive, Waynesville, NC 28786

APRIL 21 – KERNERSVILLE (DIVISION 9)

(Division 9 - Davidson, Davie, Forsyth, Rowan, Stokes)

[Piedmont Triad Regional Council](#), conference room, 1398 Carrollton Crossing Drive, Kernersville, NC 27284

APRIL 23 – WAKE FOREST (STATEWIDE)

[Wake Forest Renaissance Centre](#), Grant Hall, 405 South Brooks Street, Wake Forest, NC 27587



Agenda Item

Agenda Item V

Prioritization 4.0 Work Group Update

Background

Attached is a brief update of the SPOT 4.0 Prioritization Workgroup

Action Requested

Review attached documents.

SPOT 4.0 Workgroup Summary

Cambridge Systematics Report

- Released a draft version of report in early January. Work group members reviewed the document and provided comments (see attached RPO comments). Final report was delivered to NCDOT at end of January.
- We are in the process of going through the recommendations from the report one-by-one. We have already agreed with the five “global” recommendations from the report:
 - Use consistent terminology
 - When possible, calculate future benefits rather than current conditions
 - Scale criteria on a relative basis based on the distribution of results from P3.0 (in other words, the lowest P3.0 score would be rescaled as a 0 and the highest would be rescaled as a 100 and all the projects in between would be rescaled in order to achieve a more balanced distribution of scores)
 - Consistently scale this way across all the modes
 - For cross-modal prioritization, we were given several options but chose to continue with our previous approach of determining highway and non-highway funding percentages (these percentages have **not yet** been set). The other options would have required either coming up with mode-neutral criteria or determining the relative value of projects in different modes (e.g. a 57 on a transit project equals a 72 on a highway project, or something along those lines) – neither of these options seemed realistic, at least in the short-term.

Statewide Travel Demand Model

- Received presentation from Parsons Brinckerhoff, which is developing the model. Discussed the possibility of using the model for the following purposes:
 - Measuring travel time savings for the benefit-cost analysis
 - As a source of “value of time” information
 - Measuring improved accessibility (if you build the project, how much does that improve the access to jobs/other destinations)
 - Examining freight trips
- The primary benefit of the model is that it allows you to look at future benefits (rather than current conditions)
- One drawback of the model is that it generally only includes higher-level roads, so could probably only be used on Statewide/Regional projects (some other mechanism would be needed for scoring Division projects)
- We expect PB to come back to us at a future meeting with some examples to help us understand how this could work. At this time we are moving in parallel, developing ideas for how the scoring could work both with and without the model.

Peak ADT

- Received presentation from ITRE on the study they are doing to determine whether/how to develop peak ADT for use in volume-related criteria – early indications are that this appears to be possible
- ITRE is using data from the NCDOT Traffic Survey Group (71 continuous count stations around the state, plus 1,000 locations where shorter-term seasonal counts have been collected) and will come back to us at a future meeting with specific recommendations on how we could calculate this.

Hurricane Evacuation

- You may recall from the December email that the Work Group had decided not to include hurricane evacuation as one of the scoring criteria. At the request of the Board of Transportation (as well as some of you), this topic was brought back up for reconsideration. We were presented with information on the previous studies that had been done with regard to hurricane evacuation and a state law requiring that transportation improvements be constructed to meet an 18-hour evacuation time threshold. There was also discussion of a new hurricane evacuation study that is underway and may have different findings/recommendations than the previous study from 2005.
- The work group discussed whether to include a criterion related to hurricane evacuation in the scoring process, and ultimately decided against it. The general consensus was that this issue only affects a portion of the state and it would be more appropriate for the MPOs/RPOs/Divisions in those areas to use hurricane evacuation as a criterion in their local point assignment process.

Route Continuity

- The work group considered whether a new criteria should be added on the issue of route continuity. The main issue this was trying to address the sequencing/phasing of segmented or adjacent projects (e.g. this project has segments A, B, and C – what happens if A and C get funded but B does not?). The Work Group ultimately decided that this is not necessarily a scoring problem so much as it is an issue with the restrictions that STI places on programming (such as the “corridor cap”), and that if this is an issue in certain places it could possibly be addressed through the local input points.

Accessibility/Connectivity

- We are looking at several options for this criterion, including:
 - What was done last time, or with minor changes
 - Using the model to provide information on improved accessibility (approach generally based on travel times between zones – either looking at change in number of jobs/points/etc. within X minutes of each zone OR using some type of friction/impedance score; would be based on change with and without project in place)
 - Using the approach that we discussed briefly at the NCARPO meeting in Albemarle (40% based on county tier; 30% based on change in pavement density; 30% based on change in connectivity ratio)

- Using information on transportation cost/affordability

Multimodal

- At the request of the Board of Transportation, we are reconsidering whether to include any General Aviation airports in the list of transportation terminals that are considered in this criterion.
- There has been general coalescence around the idea of using a buffer around the gates to the transportation terminals rather than requiring that the project touch the boundary/gate to receive these points, but this is not final/official yet, since we are still working on other parts of this criterion.
- We are considering breaking this into two separate criteria – one focused on passenger multimodal, and a separate one focused on freight

Upcoming Meetings/Next Steps

February 16th

- Reach consensus on how to measure Accessibility/Connectivity criterion of highway score
- Reach consensus on how to measure Multimodal criterion of highway score
- Discuss improvements to benefit/cost criterion
- Reach consensus on other highway criteria
- Discuss the concept of scoring by highway project type

Future meetings in March will focus on finalizing all the scoring methodologies/measures (particularly the non-highway modes, since much of our discussion so far has been on the highway mode) in order to give NCDOT's IT vendor enough time to make any necessary changes to the SPOTOnline tool. Attached is a brief summary of some of the proposals being worked on for the non-highway mode scoring. We will be looking at things such as the weighting of each criterion in the overall formula and the process for local input points in April and May, and hopefully by May we will know all the details about how P4.0 will work.

SPOT 4.0 Anticipated Changes to Non-Highway Mode Scoring Criteria As of February 2015

All Modes

- Scale all criteria per Cambridge recommendations and guidance
- Revise according to workgroup recommendations

Public Transportation

Overall Changes:

- Minimum cost threshold on all projects of \$40,000 (Recommendation of Cambridge Systematics)
- MPOs and RPOs only will submit projects for transit systems.

Vehicle Criteria Recommendations:

- Include Fixed Guideway Vehicles in Expansion Vehicles
- Change the name of Benefit/Cost to Cost Effectiveness (Recommendation of Cambridge Systematics)
- Replace Vehicle Utilization Data with Access = Annual Revenue Hours/Vehicles
- Revise Safety = Annual Revenue Hours/3 Year Average of Incidents (Partially associated with Cambridge recommendation to drop national comparison)
- Replace Connectivity-Accessibility with Impact = (Current Trips + Estimated Annual New Trips)/Current Trips
- Replace Operational Efficiency with Market Share = (Current Trips + Estimated Annual New Trips)/Service Area Population
- Less likely, but considering:
 - Leverage of Funds = Proportion that the state investment returns in federal and local funds
 - Accuracy of Trip Estimates of previous project submittals by project sponsor (Incentive for project sponsors to submit accurate information)

Facility Criteria Recommendations:

- Rename Facility Demand to Facility Need (Recommendation of Cambridge Systematics)
- Evaluate two types of facilities: Passenger (Neighborhood Transit Centers, Park and Ride Lots, and Multi-Modal Facilities) and Administrative/Operations/Maintenance facilities
- Drop Bus Shelters from Prioritization
- Replace Facility Capacity Criteria
- Redefine measures for Age/Facility Demand/Park & Ride Criteria
- Redefine or replace Benefit Cost Criteria

Fixed Guideway Recommendations:

- Revise Congestion Relief

Ferry

- Safety will be re-titled to Asset Condition and the formula to calculate this will be modified based on recommendation from Cambridge
- Benefit/Cost will be retitled as Benefits based on recommendation from Cambridge
- The re-titled Benefits criteria will now calculate a monetized value of travel time savings instead of utilizing a simple scaled model based on hours of travel time saved. This new computational methodology is partially based on comments received from Cambridge.
- In regards to Accessibility/Connectivity this mostly remains the same but we will add the points that the Highway's side is classifying as Multi-modal Centers. Work to re-calculate these scores cannot begin until the workgroup agrees upon a definition.
- The scoring & definition for Asset Efficiency and Capacity/Congestion will remain the same. These new scores will be recalculated in the near future with data recently received from the Ferry Division

Rail

- Collapse all existing criteria into four criteria applicable across all rail projects.
 - Cost effectiveness: includes revised benefit-cost and economic competitiveness that incorporate Cambridge recommendations/guidance
 - System health: includes capacity-congestion and mobility criteria
 - Context sensitivity: includes accessibility, safety impacts, and other GIS-based analysis if developed to a reasonable degree
 - Project readiness: credits projects with non-NCDOT funding and credits projects with more feasibility work completed
- Collapse rail project types into 'freight' and 'passenger'.

Bike/Ped

- Remove Constructability criteria
- Remove Access criteria; Move most Access metrics into Density criteria
- Add Connectivity criteria
- Redefine Cost/Benefit to measure Cost Effectiveness
- Rebalance weights across criteria
- Add questions to project entry screens about project discussions with Division office and ROW acquisition
- Make ROW to be eligible cost for reimbursement

Aviation

- More clearly define Capital Projects by utilizing the P 3.0 results, data and recommendations contained in our newly completed NC Airports System Plan, and input from the SPOT Office.
- Revise the NCDOT Project Rating Criteria for Capital and O&M Projects to include updated documentation.
- Drop the Federal Investment Index Criteria
- Develop a New Aviation Cost Effectiveness Criterion
- Develop a New Criterion for Airport Economic Contribution

Agenda Item

Agenda Item VII

2016 Planning Work Program

Background

The NWPRPO is considering including the following items in the 2016 PWP.

- Streetscape Assessment (Phase II)
- Comprehensive Safety Planning
- Others?

Action Requested

Please be prepared to discuss the above recommendations as we prepare our 2016 PWP.

Agenda Item

Agenda Item VII

2015 Ethics Requirements

Background

In 2014, the General Assembly enacted legislation (Section 12 of S.L. 2014-58(H1025)) that amended G.S. 138A-25 by establishing civil fines and criminal penalties for TAC members of MPOs and RPOs and their alternates or designees who fail to timely file both a complete Statement of Economic Interest (SEI) and a complete Real Estate Disclosure Form (RED) with the State Ethics Commission.

This law went into effect on October 1, 2014 and applies to all SEI and RED filings required on or after October 1, 2014.

Civil

- \$250 civil penalty shall be imposed for late, incomplete, or non-filing of the SEI (except in extenuating circumstance as determined by the Ethics Commission).

Criminal

- Class 1 misdemeanor for failure to file a complete SEI within 60 days of notice of failure and the Commission shall report such failure to the Director of the State Bureau of Investigation for investigation and referral to the District Attorney for possible prosecution (unless Commission determines extenuating circumstances exist).
- Criminal penalties for knowingly concealing information or providing false information on the SEI.

Action Requested

Please remind elected officials to complete their SEI and RED online.



Agenda Item

Agenda Item VIII

Division 9 Update

Background

Division 9 Update

Action Requested

None required

**Northwest Piedmont
Transportation Update
February 17, 2015**

WBS / TIP No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Comments
Projects Under Construction							
B-4645	Replace Bridges #29 and #30 over Little Yadkin River on US 52 in Stokes County.	Aug., 2013	Oct. 15, 2015 <i>(perm. vegetation established by April 12, 2016)</i>	57.5% Complete	\$6,399,752	Smith-Rowe, LLC	The Contractor has shifted the NB traffic onto the old SB bridge. Demolition of old NB bridge and reconstruction of new NB bridge should begin week of Feb. 9.
9CR.10851.150 9CR.20851.150	Milling, Resurfacing, and Shoulder Reconstruction on NC 89 from NC 66 to Surry Co., NC 704 from NC 8 to SR 1434 (Aaron's Corner Ch. Rd), and 8 sections of Secondary routes in Stokes County	July 17, 2014	May 29, 2015	63.8% Complete	\$2,259,560	APAC-Atlantic, Inc. Thompson Arthur Division	Contractor has finished the paving on Maps 1,2,4 &5. They still have to install thermo and complete a few punchlist items for these maps. Work will resume after March 15, 2015.
17BP.9.R.24	Replace Bridge #23 over Peoples Creek on SR 1650 (Peoples Creek Rd) in Davie County.	Oct. 22, 2014	July 31, 2015 <i>(perm. vegetation established by May 8, 2015)</i>	Work start date Jan. 19, 2015	\$371,114	Miller Engineering Co., Inc.	Contractor began construction Jan. 19, 2015.
17BP.9.R.29	Replace Bridge #119 over Beaver Island Creek on SR 1636 (Buffalo Rd) in Stokes County.	Dec. 10, 2014	June 12, 2015 <i>(perm. vegetation established by Sept. 12, 2015)</i>	8.14% Complete	\$838,593	R.E. Burns & Sons Co., Inc.	Work start date Jan. 12, 2015
17BP.9.R.34	Rehabilitation and bridge beam painting of (4) bridges in Davidson County, (1) in Forsyth County, (3) in Rowan County, and (1) in Stokes County.	April, 2012	Nov. 1, 2015	84.3% Complete	\$12,585,775	Crowder Construction Co.	Design Build Project –(Br. #115) Pine Hall Rd. Bridge deck and barrier rail has been poured. Railroad will be installing new RR crossing and will shut Pine Hall Rd to traffic for approx. one week. Completion date dependent on coordination with RR.
Division Administered Projects Under Construction							
U-5540	Construction of new Access Road off SR 1345 (Interstate Dr) to serve new manufacturing site in Mocksville. Includes construction of Bridge #129 over Unnamed Tributary to Bear Creek on Gildan Dr on SR 1345 (Interstate Dr) in Davie County (42679.3.D1)	Oct. 22, 2014	April 30, 2015	Bridge 100% Complete Roadway 50% Complete	Total cost \$1,750,000 Bridge Contract \$246,894	Roadway work by State Forces Bridge construction by Smith-Rowe, LLC	Asphalt base and binder in place from Interstate Dr to bridge. Drainage structures have been installed at the bridge. Working on the Gildan facility access road that runs parallel to the facility. Base and binder are down. Will let contract to do final paving. Anticipate completion by the end of April, 2015.
ER-29731	Landscaping at I-40 and US 601 Interchange in Davie County	Oct. 22, 2014	March 15, 2015 <i>(final completion with plants still living May 1, 2016)</i>	Availability date Nov. 10, 2014	\$65,566	Country Boy Landscaping	Work not yet begun. Contractor plans to start work early March, 2015.

WBS / TIP No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Comments
Projects Under Development							
B-4819	Replace Bridge #105 over Snow Creek on SR 1697 (Pitzer Rd.) in Stokes County	July, 2018	TBD	ROW July, 2017	\$1,700,000	TBD	Schedules based on DRAFT 2015-2025 STIP Planning and Design in progress.
B-5509	Replace Bridge #62 over Neatman Creek on SR 1961 (Payne Rd.) in Stokes County	Oct., 2020	TBD	ROW Oct., 2019	\$2,025,000	TBD	Schedules based on DRAFT 2015-2025 STIP
B-5766	Replace Bridge #82 over the Dan River on SR 1674 (Sheppard Mill Rd.) in Stokes County	FY 2022	TBD	ROW FY 2021	\$4,350,000	TBD	Schedules based on DRAFT 2015-2025 STIP
B-5768	Replace Bridge #38 over Cedar Creek on NC 801 in Davie County	FY 2024	TBD	ROW FY 2023	\$865,000	TBD	Schedules based on DRAFT 2015-2025 STIP
B-5784	Replace Bridge #125 over North Double Creek on SR 1484 (Dan George Rd) in Stokes County.	FY 2025	TBD	ROW FY 2024	\$1,085,000	TBD	Schedules based on DRAFT 2015-2025 STIP
I-5765	Pavement Rehabilitation on I-40 from 1.5 mi. E. of US 64 to 1.2 mi. E. of SR 1410 (Farmington Rd), in Davie County.	FY 2017	TBD		\$11,283,000	TBD	Schedules based on DRAFT 2015-2025 STIP Coordinate with I-5823
I-5794	Pavement Rehabilitation on I-40 from 1.5 mi. E. of SR 1442 (Redland Rd) to 1.4 mi. E. of NC 801, in Davie County.	FY 2018	TBD		\$1,505,000	TBD	Schedules based on DRAFT 2015-2025 STIP
I-5823	Pavement Rehabilitation on I-40 from 1 mi. E. of SR 1143 (Davie Academy Rd) to 0.7 mi. E. of US 601, in Davie County.	FY 2019	TBD		\$11,381,000	TBD	Schedules based on DRAFT 2015-2025 STIP Coordinate with I-5765
I-5887	US 52 / Future I-74 at SR 1102 (Trinity Ch. Rd) - Convert existing grade separation to a full movement interchange	FY 2025	TBD	ROW FY 2024	\$10,260,000	TBD	Schedules based on DRAFT 2015-2025 STIP
R-5728	Intersection Improvements on US 601 at S. Salisbury St. in Mocksville in Davie County.	FY 2018	TBD	ROW FY 2017	\$1,875,000	TBD	Schedules based on DRAFT 2015-2025 STIP
R-5736	Widen to Multi-lanes - US 601 from SR 1345 (Blaise Church Rd) to SR 1408 (Cana Rd) in Davie County.	FY 2022	TBD	ROW FY 2021	\$6,042,000	TBD	Schedules based on DRAFT 2015-2025 STIP
BD-5109AA	Replace Bridge #60 over Peeler Creek on SR 1802 (Will Boone Rd) in Davie County	March, 2015	TBD	50% Plans Complete	\$425,000	TBD	ROW Acquisition in progress. Utility Coordination complete.
BD-5109AE	Replace Bridge #45 on SR 1998 (Mtn. View Church Rd) over an Unnamed Creek in Stokes County	March, 2015	TBD	ROW Acquisition in progress	\$475,000	TBD	
BD-5109AF	Replace Bridge #108 on SR 1674 (Delta Church Rd) over Snow Creek in Stokes County	April, 2015	TBD	ROW Acquisition in progress	\$1,000,000	TBD	Plans 25% Complete
17BP.9.P.3	Bridge Painting on Bridges #136, 150 in Davidson; #'s 29,32,85,86 in Davie; #'s 53,54,55,78,115,185,297,322 in Forsyth; and #94 in Rowan County.	TBD	TBD		\$4,700,000	TBD	Funding source has changed. Will need to determine plan revisions and new letting date.

WBS / TIP No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Comments
Projects Under Development							
17BP.9.R.5	Replace Bridge #58 over Ricker's Branch on US 311 in Stokes County	March, 2015	TBD	75% Plans complete	\$600,000	TBD	ROW and Utility coordination underway.
17BP.9.R.22	Replace Bridge #103 over Branch of Dan River on SR 1707 (Stewart Rd) in Stokes County.	May, 2015	TBD	ROW Acquisition in progress	\$200,000	TBD	Hydraulic Study Complete, Utility Coordination in progress
17BP.9.R.25	Replace Bridge #83 over Fork of Cedar Creek on SR 1436 (Pinebrook School Rd) in Davie County.	April, 2015	TBD	75% Plans Complete	\$400,000	TBD	ROW acquisition in progress
17BP.9.R.27	Replace Bridge #11 over East Prong of Yadkin River on SR 1166 (YMCA Camp Rd) in Stokes County.	April, 2015	TBD	90% Plans Complete	\$475,000	TBD	Due to utility relocation issues, the let date has been delayed to April 2015
17BP.9.R.41	Replace Bridge #176 over Lick Creek on SR 1926 (Fagg Rd) in Stokes County.	June, 2015	TBD		\$623,000	TBD	
17BP.9.R.61	Replace (2) Bridges in Davidson, (1) in Davie, (3) Bridges in Rowan, and (4) Bridges in Stokes County.	May 18, 2015	TBD			TBD	Bridge #73 in Davie, Bridges #86, 104, 129, and 224 in Stokes County.

WBS / TIP No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Comments
Completed Projects							
17BP.9.R.28	Replace Bridge #98 over Sandy Branch on SR 1945 (Rosebud Rd) in Stokes County.	June 25, 2014	Dec. 5, 2014 (perm. Vegetation established by April 17, 2015)	99% Complete	\$438,826	APAC-Atlantic, Inc. Thompson Arthur Division	Construction is complete. Waiting period for vegetation establishment for project to be finalized.
9CR.10301.150 9CR.20301.150	Milling, Resurfacing, and Shoulder Reconstruction on NC 801 and 4 Secondary routes in Davie County	June 11, 2014	Nov. 15, 2014	100% Complete	\$1,601,556	APAC-Atlantic, Inc. Thompson Arthur Division	
43675	Construction of sidewalks, milling, paving, curb & gutter, curb ramps and Thermoplastic for Crosswalks along US 311 (Main St.) from Brookcove Rd./Third St. to Walnut Cove Shopping Center in Walnut Cove, Stokes County	April, 2014	Oct.13, 2014	100% Complete	\$317,327	Reliable Concrete Construction	

Agenda Item

Agenda Item XI

NWPRPO Update

Background

- Streetscape Assessment
- Dan River Corridor Recreation and Stewardship Plan (Stokes County)
 - *The Dan River Corridor Greenway Plan*
 - Remote sensing assessment of stream and river restoration needs along the Dan River
 - Marketing Strategy
- Grant Support

Action Requested

No action required.