Winston-Salem Urban Area Transportation Advisory Committee

Location:
5th Floor Public Meeting Room,
Bryce A. Stuart Municipal Building
www.dot.cityofws.org

Regularly Scheduled Meeting
Thursday, February 20, 2020
MEMORANDUM

DATE: February 11, 2020
TO: Winston-Salem Urban Area MPO Transportation Advisory Committee (TAC)
FROM: Kelly Garvin, Planning Development Coordinator
e-mail: kellym@cityofws.org; office phone: (336) 747-6881
SUBJECT: Agenda for the February 20, 2020 TAC Meeting at 4:15 p.m.
PLACE: Stuart Municipal Building, 5th Floor Public Meeting Room

AGENDA

- Ethics Awareness and Conflict of Interest Statement (Chairman, Mike Horn)

1. Public Comments (Chairman, Mike Horn)

Action Items

2. Consideration of the January 16, 2020 TAC Meeting Minutes (Enclosed) (Chairman, Mike Horn)

3. Consideration of a checklist certifying the Winston-Salem Urban Area Metropolitan Planning Organization’s (MPO) Transportation Planning Process for fiscal year 2020-2021 (Enclosed) (Kelly Garvin)

4. Consideration of the Winston Salem Urban Area Metropolitan Planning Organization Prioritization 6.0 Projects (Enclosed) (Kelly Garvin)

Information Items for Future Action

5. Review of the Fiscal Year 2020-2029 Metropolitan Transportation Improvement Program (MTIP) Amendments and Modifications for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO), (Enclosed) (Byron Brown)

6. Review of the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) Disadvantage Business Enterprise (DBE) Plan (Toneq’ McCullough)

7. Review of the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) Title VI Plan (Toneq’ McCullough)

Staff Reports (Presentation by Staff at Request of TAC Only)

8. MPO Staff Reports (Enclosed)
   a. NCDOT Division 9 Transportation Projects Update (Pat Ivey)
b. NCDOT Transportation Planning Update (Daryl Vreeland)
c. Piedmont Triad Regional Council of Governments Update (Lynn Cochran)
d. Forsyth County OEAP Air Quality Update (Cary Gentry)
e. Bicycle and Pedestrian Facilities Projects Update (Matthew Burczyk)
f. Winston-Salem Transit Authority (WSTA) Update (Donna Woodson)
g. Piedmont Authority for Regional Transportation (PART) Update (Scott Rhine)
h. Davidson County Transportation (DCT) (Richard Jones)
i. Title VI Compliance Update (Kelly Garvin)
j. MPO Calendar of Activities (Byron Brown)
k. Ethics Liaison (Kirk Ericson)

9. Next Meeting/Adjourn Meeting (Chairman, Mike Horn)

Next meeting: March 19, 2020

This agenda is available in alternative media forms for people with disabilities. Individuals with disabilities who require assistance or special arrangements to participate in programs and activities of the Transportation Advisory Committee (TAC) of the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) are encouraged to contact the Winston-Salem Department of Transportation at least 72 hours in advance so that proper accommodations can be arranged. For information, call 336-727-8000 (727-8319 TTY).
TAC members must avoid a conflict of interest. No member or their alternate may participate in any action as a TAC member if the action may result in a reasonably foreseeable financial benefit to the member, the member’s extended family, or any business with which the member is associated.

A TAC member or their alternate may participate in an action of the MPO or RPO if the action is ministerial only and does not require the exercise of discretion.

TAC members must disclose a conflict of interest in writing. TAC members and their alternates have a duty to promptly disclose in writing to the TAC any actual or potential conflicts of interest, using the Abstention Form provided by the TAC Secretary.

These disclosures are a public record and must be attached to the minutes of the meeting in which any discussion or vote was taken by the TAC related to that conflicts disclosure.

TAC members must not use or disclose confidential information. TAC members and their alternates shall not use or disclose any nonpublic information gained as a member in a way that would affect a personal financial interest of the member, the member’s extended family or a business with which the member is associated.

*Based on the requirements of SENATE BILL 411 (SL 2013-156), signed into law by NC Governor on June 19, 2013. The Act is entitled “AN ACT TO PROVIDE THAT THE TRANSPORTATION ADVISORY COMMITTEES OF METROPOLITAN PLANNING ORGANIZATIONS AND RURAL TRANSPORTATION PLANNING ORGANIZATIONS ARE SUBJECT TO STANDARD ETHICS PROVISIONS”.

Winston-Salem Urban Area MPO TAC
Ethical Requirements*
Winston-Salem Urban Area MPO
Transportation Advisory Committee (TAC) MEETING
Meeting Date: ____________

ABSTENTION FROM VOTING

The undersigned TAC Member abstains from voting on the following Agenda items and requests that the official record of the Meeting shows that he or she did not vote on the motion:

Item __________________________________________________________
Reason for Abstention: _________________________________________

Item __________________________________________________________
Reason for Abstention: _________________________________________

Item __________________________________________________________
Reason for Abstention: _________________________________________

Signature: _____________________________
Date: _________________________________

The TAC Member should review the agenda prior to the meeting, list the agenda items or other matters for which he or she desires to abstain from voting, sign name, and give request to Margaret Bessette, Secretary to the TAC, prior to the meeting.
ACTION ITEM #2
MINUTES
WINSTON-SALEM URBAN AREA
TRANSPORTATION ADVISORY COMMITTEE (TAC)
JANUARY 16, 2020
4:15 P.M
FIFTH FLOOR, PUBLIC MEETING ROOM,
BRYCE A. STUART MUNICIPAL BUILDING

MEMBERS PRESENT:

Dan Besse, Council Member, City of Winston-Salem, Vice Chairman
Allen Joines, Mayor, City of Winston-Salem
Denise Adams, Council Member, City of Winston-Salem,
Fleming El-Amin, Commissioner, Forsyth County
John Wait, Mayor, Village of Clemmons
Mike Horn, Mayor, Town of Lewisville
Brent Rocket, Commissioner, Town of Bethania
Mark Baker, Mayor, Village of Tobaccoville
Rick Cross, Mayor, Town of Bermuda Run
Jenny Fulton, Mayor, Town of Kernersville
Tim Flinchum, Mayor, Town of Rural Hall
Allen Todd, Mayor, Town of Wallburg
Wesley Hutchins, Council Member, Town of Walkertown
Zak Crotts, Commissioner, Davidson County
Rick Morris, Commissioner, Stokes County
Willie Clark, Member, WSTA Board of Directors

PRESIDING: Dan Besse, Council Member, City of Winston-Salem, Vice Chairman

STAFF PRESENT:

Scott Snow, Town of Walkertown
Pat Ivey, NCDOT
Phillip Craver, NCDOT
Fredrick Haith, NCDOT
Joe Geigle, FHWA
Cary Gentry, FCOEAP
Jordan Payne, FCOEAP
Scott Rhine, PART
Toneq’ McCullough, WSDOT
Donna Goodson, WSTA
Kirk Ericson, CCPB
Byron Brown, WSDOT
Matthew Burczyk, WSDOT
Kelly Garvin, WSDOT
Brenda King, WSDOT

RECORDING SECRETARY: Laura Whitaker, WSDOT

OTHERS

Council Member Jeff MacIntosh

Vice Chairman Dan Besse read the Ethics Awareness and Conflict of Interest Statement.

1. Public Comments

Ethel Bryan, 2519 Pittsburgh Avenue, Winston-Salem, NC brought a letter to read that she mailed to Mayor Allen Joines’ office regarding her concerns with Bus Route 106.

Action Items

2. Election of Officers

MOTION: Allen Joines nominated Mike Horn to serve as Chair.
SECOND: Denise Adams.
VOTE:
   FOR: Unanimous
   AGAINST: None

MOTION: Allen Joines nominated Dan Besse to serve as Vice Chair.
SECOND: Allen Todd.
VOTE:
   FOR: Unanimous
   AGAINST: None

3. Consideration of the November 21, 2019 TAC Meeting Minutes

Presented by Vice-Chairman Dan Besse.

MOTION: Denise Adams moved approval of the minutes.
SECOND: Allen Todd.
VOTE:
   FOR: Unanimous
   AGAINST: None

4. Consideration of the Winston-Salem Urban Area Metropolitan Planning Organization’s (WSUAMPO) 2020-2029 Metropolitan Transportation Improvement Program (MTIP).
Presented by Kelly Garvin.

- The Draft 2020-2029 Metropolitan Transportation Improvement Program (MTIP) identifies State and federally funded transportation investments within the Winston-Salem Metropolitan Planning Organization Area.
- The MTIP is a subset of the adopted FY 2020-2029 State Transportation Improvement Program (STIP) which includes all federal and state funded projects for the State of North Carolina.
- The Board of Transportation adopted the FY 2020-2029 STIP in September 2019 after a public review period in the spring of 2019.
- The MTIP and STIP are collectively referred to as the Transportation Improvement Program (TIP).
- The TIP includes the Highway Program, the Non-Highway Program (transit, rail, bicycle, and pedestrian, and aviation), and the Statewide Program.
- The Metropolitan Planning Organization (MPO) develops the MTIP in cooperation with the North Carolina Department of Transportation (NCDOT) and area transit agencies.
- The Winston-Salem Urban Area MPO Transportation Advisory Committee must adopt the final MTIP, followed by NCDOT’s approval.
- The NCDOT Board of Transportation adopts the STIP.
- The STIP and MTIP are updated on a two year cycle. In between updates, NCDOT and the MPO use amendments and administrative modifications to the STIP and MTIP to keep the TIP current and to accommodate project delays, project accelerations, and addition or deletions.

MOTION: Allen Todd moved approval.
SECOND: Allen Joines.
VOTE:
FOR: Unanimous
AGAINST: None

5. Consideration of the Recommended Surface Transportation Block Grant – Direct Attributable (STBG-DA) and Transportation Alternatives – Direct Attributable (TA-DA) Federally Funded Project Process.

Presented by Kelly Garvin.

- Kelly distributed a Winston-Salem Urban Area Metropolitan Planning Organization Federally Funded Projects Process handout.
- The United States Census defines urbanized areas with a population over 200,000 as Transportation Management Areas (TMAs).
- The Winston-Salem Urban Area was designated as a TMA after the 2000 U.S. Census. As a TMA, the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) has the authority to program available STBG-DA and TA-DA funds for transportation planning, bicycle, greenway, sidewalk, street and highway, transit and other projects in the urban area.
On March 19, 2015 the WSUAMPO Transportation Advisory Committee approved the Federally Funded Project Process.

A committee made up of MPO staff and staff from the Town of Walkertown and the Town of Kernersville was formed to help update and improve the Federally Funded Process as well as the evaluation criteria used for project selection.

The main changes include updating of the federal funding source (from STP-DA to STBG-DA), updating the legislation that governs these funding sources to reflect the most recent one (from MAP-21 to the FAST Act).

Several steps were also added to simplify and clarify the process for the local government agency and the MPO such as the inclusion of every funded project in the State Transportation Improvement Program (STIP).

A table showing the proposed funding breakdown for every call was also included.

MOTION: Allen Joines moved approval.
SECOND: Allen Todd.
VOTE:
   FOR: Unanimous
   AGAINST: None

6. Consideration of Resolution of Endorsement of Targets for Safety Performance Measures Established by the North Carolina Department of Transportation (NCDOT) and amending the 2040 Metropolitan Transportation Plan (MTP)

Presented by Byron Brown.

Per Federal regulations, the Federal Highway Administration’s, Highway Safety Improvement Program final rule states that all State Department of Transportation’s must work with their MPO’s to coordinate and establish safety targets for state system roads.

On February 15, 2018 the Winston-Salem TAC approved a Resolution of Support of these safety targets.

This is the only performance measure that is updated annually, and thus, the 2020 measures and targets have been identified and included in the agenda packets.

MPO’s have 180 days or until February 27, 2020 to adopt the State’s targets or establish their own.

Staff is recommending adopting the state’s targets.

If these targets are supported by the TAC, they will be incorporated into the Metropolitan Transportation Plan (MTP).

MOTION: Allen Todd moved approval.
SECOND: Zak Crotts
VOTE:
   FOR: Unanimous
   AGAINST: None
7. **Consideration of Letter of Support for the Workshop of Davidson and Life Center of Davidson County for North Carolina Department of Transportation’s (NCDOT) Federal Transit Administration’s Section 5310 Funding**

Presented by Byron Brown.

- The North Carolina Department of Transportation’s Public Transportation Division administers the application and selection process for Federal Transit Administration (FTA) Section 5310 funding program, which is designed to assist agencies and organizations who provide services for seniors and individuals with disabilities in rural areas.
- The Workshop of Davidson and Live Center of Davidson County both provide services in rural and urban areas.
- Only services provided in rural areas are reimbursable under the state’s program.
- Services provided in the MPO’s urbanized areas must go through the MPO’s selection and review process.
- With the updated Letters of Support which now included the requested amount each agency is applying for from the state, the MPO’s TAC is support the agencies application to the State’s 5310 program.

**MOTION:** Zak Crotts moved approval.

**SECOND:** Allen Todd.

**VOTE:**
- **FOR:** Unanimous
- **AGAINST:** None

8. **Consideration of the Fiscal Year 2018-2027 Metropolitan Transportation Improvement Program (MTIP) Amendments and Modifications for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).**

Presented by Byron Brown.

- The Winston-Salem Urban Area Metropolitan Transportation Improvement Program (MTIP) is a listing of all the projects programmed for the Winston-Salem Urban Area.
- The list of projects is a subset of the Metropolitan Transportation Plan and must match the State’s Transportation Improvement Program (STIP).
- Amendments, modifications and deletions of projects require the MTIP to be modified to capture those changes.
- As required by the MPO’s public participation policy, the amendments and modifications were available for public comment for 30 days from October 21 – November 23, 2019.
- No comments were received during this time.

**MOTION:** Denise Adams moved approval.

**SECOND:** John Wait.
VOTE:
FOR: Unanimous
AGAINST: None

9. Public Hearing and Consideration of Amendment to the 2040 Metropolitan Transportation Plan (MTP), removing the Martin Luther King Jr. Drive Extension project (WS-L016)

A public hearing was open for public comment, no one being present, the public hearing was closed.

MOTION: Denise Adams moved approval.
SECOND: Allen Todd.
VOTE:
FOR: Unanimous
AGAINST: None

10. Public Hearing and Consideration of Amendments and Changes to the Winston-Salem Transit Authority Transit Assets Management Plan (TAM)

A public hearing was open for public comment, no one being present, the public hearing was closed.

Presented by Toneq’ McCullough.

- Metropolitan Planning Organizations (MPOs) are required to develop and report transit performance targets as noted in Title 23, Section 134 of the United States Code.

- Per the Final Rule on Transit Asset Management published by the Federal Transit Administration (FTA) on July 26, 2016, MPOs are required to coordinate with transit providers to set Transit Asset Management (TAM) performance targets and integrate these targets into their planning documents.

- On October 18, 2018, the Transportation Advisory Committee adopted the TAM plan for the Winston-Salem Transit Authority (WSTA).

- However based upon the Triennial Review conducted by the Federal Transit Administration, it was determined that WSTA’s plan needed to address a missing element for project-based prioritization of investments.

- Per the Winston-Salem Urban Area MPO’s Public Participation Policy, amendments to the Metropolitan Transportation Plan require a 30-day comment period, will be held from November 30, 2019 to January 2, 2020.

- No comments were received.

MOTION: Fleming El-Amin moved approval.
SECOND: Denise Adams.
VOTE:
FOR: Unanimous
AGAINST: None

Information Items for Future Action

11. Review of the Draft Fiscal Year 2020-2021 Unified Planning Work Program (UPWP) for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO)

Presented by Kelly Garvin.

- All Metropolitan Planning Organizations (MPOs) that have been designated as Transportation Management Areas (TMAs) with an urbanized population of over 200,000 are required to develop an annual Unified Planning Work Program (UPWP) in coordination with the Federal Transit Administration (FTA).
- Each year the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) is required to develop and approve a Unified Planning Work Program (UPWP) for transportation and transit planning.
- The UPWP identifies what transportation and transit planning projects and work tasks will be completed during the fiscal year and the estimated amount of Federal and State highway and transit planning funds that will be used to complete the work, plus the required local funding matches.
- The draft UPWP will be submitted to NCDOT by January 30, 2020 and a final version after TAC adoption in March 2020 will be submitted as required before March 30, 2020.
- The 30-day required public comment period for this draft document will occur during the months of January and February.
- Per the WSUAMPO Public Participation Policy, all comments will be provided at the February 20, 2020 meeting.

12. Review of a checklist certifying the Winston-Salem Urban Area Metropolitan Planning Organization’s (MPO) Transportation Planning Process for fiscal year 2020-2021

Presented by Kelly Garvin.

- The federal Moving Ahead for Progress in the 21st Century Act (MAP-21) requires the North Carolina Department of Transportation (NCDOT) and all Metropolitan Planning Organizations (MPOs) in the state to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their transportation planning processes are addressing the major issues of the urban area and are being conducted in accordance with all applicable provisions of federal law.
- To guide this self-certification process, NCDOT has provided a checklist.
- Staff has reviewed the checklist and provided a response to each of the items.
Staff believes the Winston-Salem Urban Area MPO transportation planning process is adequately addressing the major issues of the urban area and is being conducted in accordance with all applicable provisions of federal law governing transportation planning.

In the fall of 2016, the FHWA and FTA conducted a formal review of the Winston-Salem Urban Area MPO’s transportation planning process, and found that the process is being carried out in substantial compliance.

13. Review of the Winston Salem Urban Area Metropolitan Planning Organization Prioritization 6.0 Projects

Presented by Kelly Garvin.

- The original Transportation Reform was initiated under Executive Order No. 2 in 2009.
- It mandates a professional approval process for project selection.
- In response, NCDOT created the Strategic Prioritization Process.
- The first version of the Strategic Prioritization Process (Prioritization 1.0) was used to support development of the FY 2012-2018 Transportation Improvement Program (TIP).
- Significant changes have been made to the process and were driven by House Bill 817 also known as Strategic Transportation Investments (STI).
- The bill established funding tiers (Statewide, Regional, and Division) and allocations across all modes.
- Prioritization 6.0 involves three pieces of information:
  1) A data driven, quantitatively scored estimate of project need,
  2) MPO priority score, and
  3) NCDOT Division priority score. The first step of Prioritization 6.0 is the identification of projects for evaluation and scoring by NCDOT’s Strategic Planning Office of Transportation (SPOT).
- MPO staff issued a call for project from April 15, 2019 to May 17, 2019.
- Per the public participation policy, these projects will go through a public comment period from January 7, 2020 to February 10, 2020.

Staff Reports

14. MPO Staff Reports

a. NCDOT Division 9 Transportation Projects Update

Presented by Pat Ivey.

- Pat distributed an update of the Northern Beltway schedules for all sections.
- Legislature provided disaster funds and there is NC Build Bond funds available to help with funding constraints.
- Business 40 project is moving along and the project should be completed sooner rather than later.
b. NCDOT Transportation Planning Update

No questions for staff.

c. Piedmont Triad Regional Council of Governments Update

No questions for staff.

d. Forsyth County OEAP Air Quality Update

No questions for staff.

e. Bicycle and Pedestrian Facilities Projects Update

No questions for staff.

f. Winston-Salem Transit Authority (WSTA) Update

No questions for staff.

g. Piedmont Authority for Regional Transportation (PART) Update

No questions for staff.

h. Davidson County Transportation (DCT)

No questions for staff.

i. Title VI Compliance Update

No questions for staff.

j. MPO Calendar of Activities

No questions for staff.

k. Legislative Update

No questions for staff.

l. Ethics Liaison

Presented by Kirk Ericson.

- Ethic requirements need to be completed by April 15, 2020.
- Email reminders will continue to be sent until the deadline.
15. **Next Meeting/Adjourn Meeting**

- Next TAC meeting will be February 20, 2020.

Fleming El-Amin requested an update regarding progress of the Novak Street bridge.

**ADJOURNMENT**: 5:00 pm
Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Action Request

<table>
<thead>
<tr>
<th>Meeting Date:</th>
<th>February 20, 2020</th>
<th>Agenda Item Number:</th>
<th>3</th>
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**Action Requested:** Review of a checklist certifying the Winston-Salem Urban Area Metropolitan Planning Organization’s (MPO) Transportation Planning Process for fiscal year 2020-2021

**SUMMARY OF INFORMATION:**

| Attachments: | Yes | X | No |

The federal Moving Ahead for Progress in the 21st Century Act (MAP-21) requires the North Carolina Department of Transportation (NCDOT) and all Metropolitan Planning Organizations (MPOs) in the state to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their transportation planning processes are addressing the major issues of the urban area and are being conducted in accordance with all applicable provisions of federal law.

To guide this self-certification process, NCDOT has provided the attached checklist. Staff has reviewed the checklist and provided a response to each of the items. Staff believes the Winston-Salem Urban Area MPO transportation planning process is adequately addressing the major issues of the urban area and is being conducted in accordance with all applicable provisions of federal law governing transportation planning.

In the fall of 2016, the FHWA and FTA conducted a formal review of the Winston-Salem Urban Area MPO’s transportation planning process, and found that the process is being carried out in substantial compliance.

**TAC Vote:** Motion by:___________________   Second by:_________________________

Vote: For ________    Against ________
RESOLUTION
CERTIFYING THE WINSTON-SALEM URBAN AREA
METROPOLITAN PLANNING ORGANIZATION (MPO)
TRANSPORTATION PLANNING PROCESS
FOR FISCAL YEAR 2020-2021

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

WHEREAS, the TAC has found that the transportation planning process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); and, with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each state under 23 U.S.C. 324 and 29 U.S.C. 794; and

WHEREAS, the TAC has considered how the transportation planning process will affect the involvement of the Disadvantaged Business Enterprises (DBE) in the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funded planning projects (Sec. 105 (f), Public Law 97-424, 96 Stat. 2100, 49 CFR part 23); and

WHEREAS, the TAC has considered how the transportation planning process will affect the elderly and the disabled per the provisions of the Americans with Disabilities Act of 1990 (Public Law 101-336, 104 Stat. 327, as amended) and the USDOT implementing regulations; and

WHEREAS, the Winston-Salem Urban Area 2040 Metropolitan Transportation Plan meets all the requirements for an adequate transportation plan; and

WHEREAS, the Winston-Salem Urban Area Metropolitan Transportation Improvement Program (MTIP) for Fiscal Years 2018-2027 and 2020-2029 are subsets of the currently conforming Winston-Salem Urban Area 2040 Metropolitan Transportation Plan; and

WHEREAS, the federal certification review conducted by FHWA and FTA in the fall of 2016 determined that the MPO’s transportation planning process is being carried out in substantial compliance with applicable provisions of 23 U.S.C. 134 and 49 U.S.C. 5304.

NOW, THEREFORE, BE IT RESOLVED that the Winston-Salem Urban Area Metropolitan Planning Organization’s (MPO) transportation planning process is addressing the major issues of the urban area and is being conducted in accordance with all applicable provisions of federal law.

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

Adopted on this the 20th day of February, 2020.

Mike Horn, Chairman
Transportation Advisory Committee

Kirk E. Ericson, Secretary
Transportation Advisory Committee
2020
Winston-Salem Urban Area
Metropolitan Planning Organization (MPO)
Self-Certification Process

Introduction

CFR 450.334 requires the North Carolina Department of Transportation (NCDOT) and the Winston-Salem Urban Area Metropolitan Planning Organization (MPO) to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their planning processes are addressing the major issues facing the urban area and is being conducted in accordance with all applicable requirements of:

- Section 134 of Title 23 U.S.C., section 8 of the Federal Transit Act (49 U.S.C. app. 1607); and
- Section 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); and
- Title VI of the Civil Rights Act of 1964 and Title VI assurance executed by each state under 23 U.S.C. 324 and 29 U.S.C. 794; and
- Section 103 (b) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) (Public Law 102-240) regarding the involvement of disadvantaged business enterprises (DBE) in the FHWA and FTA funded planning projects; and

In addition, the following checklist was provided by NCDOT to help guide the Winston-Salem Urban Area MPO as they review their processes and programs for self-certification. There are several transportation acronyms that have been defined above and several more that will be used frequently below including: CFR – Code of Federal Regulations; U.S.C. – United States Code; MTP – Metropolitan Transportation Plan; CMP – Congestion Management Process/Plan; TIP – Transportation Improvement Program; TMA – Transportation Management Area; and, EO – Executive Order.

The MPO’s responses are in bold.
2020
Winston-Salem Urban Area
Metropolitan Planning Organization (MPO)
Self-Certification Process

Checklist

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance in procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]

Response: Yes.

2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U. S. C. 5303 (c) 23 CFR 450.306 (i)]

Response: Yes, the Winston-Salem Urban Area Transportation Advisory Committee (TAC) (MPO policy board) is primarily comprised of elected officials. However, the TAC amended the Memorandum of Understanding (MOU) to include the Winston-Salem Transit Authority (WSTA) as a formal member of the TAC. The WSTA Board member is not an elected official.

3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the next 20 year forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)]

Response: Yes, the Winston-Salem Urban Area MPO has recently expanded its MPO boundary to encompass a portion of the recently defined urbanized area (UZA) boundary, as designated by the 2010 United States Census. The MPO has expanded farther north into Stokes County, further west into Davie County, further east into Guilford County, and further south and west into Davidson County.

The Winston-Salem UZA expanded farther south into Davidson County taking in the community of Welcome and most of the City of Lexington along the US 52 corridor. In 2012, the Winston-Salem, High Point and Cabarrus-Rowan MPOs developed and informally agreed on a new Metropolitan Area Boundary (MAB) map subject to the approval of the City of Lexington, the Davidson County Commission and the NCDOT. Those approvals were received and a new MAB for each MPO has been established.

The MPOs agreed that the Winston-Salem MPO would only take in some additional area north of Welcome and west over to the Yadkin River, while the High Point MPO would expand greatly to take in Welcome, the entire City of Lexington, and the entire rest of Davidson County to the west and south, including the small portion of the Cabarrus-Rowan UZA.
In separate TAC approved actions in February 2013, a Memorandum of Agreement (MOA) was completed that transfers the authority and responsibility of conducting transportation planning in those Winston-Salem urbanized areas located in Guilford County and Davidson County to the High Point Urban Area and Greensboro Urban Area MPOs, respectively.

4. Is there a currently adopted (Unified) Planning Work Program (U/PWP)? 23 CFR 450.314
   Response: Yes.
   c. Is the U/PWP consistent with the MTP/LRTP? Response: Yes, in that work tasks in the UPWP are completed that will aid the development and maintenance of the MTP.
   d. Is the work identified in the U/PWP completed in a timely fashion? Response: Yes.

5. Does the urban area have a valid transportation planning process? 23 CFR 450.322
   Response: Yes. The recent federal certification review indicated that result.
   a. Is the transportation planning process continuous, cooperative, and comprehensive? Response: Yes.
   b. Is there a valid MTP? Response: Yes.
   c. Did the MTP have at least a 20 year horizon at the time of its adoption? Response: Yes.
   d. Does it address the 8 planning factors? Response: Yes.
   e. Does it cover all modes of applicable to the area? Response: Yes.
   g. Does it include funding for the maintenance and operation of the system? Response: Yes.
   h. Does it conform to the State Implementation Plan (SIP) if applicable? Response: Yes.
   i. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)? Response: Yes. It was updated and approved by the TAC in September 2015.
6. Is there a valid TIP? 23 CFR 450.324, 326, 328, 332  
   Response: Yes.
   a. Is it consistent with the MTP?  Response: Yes.
   b. Is it fiscally constrained?  Response: Yes, see 5f above.
   c. Is it developed cooperatively with the state and local transit operators?  
      Response: Yes.
   d. Is it updated at least every 4 years and adopted by the MPO and Governor?  
      Response: Yes.

7. Does the urban area have a Congestion Management Process (CMP)? (TMA only)  
   23 CFR 450.320  
   Response: Yes.
   a. Is it consistent with the MTP?  Response: Yes.
   b. Was it used for the development of the TIP?  Response: Yes.
   c. Is it monitored and reevaluated to meet the needs of the area?  
      Response: Yes.

8. Does the urban area have a process for including environmental mitigation discussions in  
   the planning process?  
   Response: Yes.
   a. How?  
      Response: Yes, in consultation with NCDOT.
   b. Why not?  
      Response: N/A.

9. Does the planning process meet the following requirements of 23 CFR 450.316 (2) (3),  
   EO 12898?  
   Response: Yes.
   a. Title VI
      Are there procedures in place to address Title VI complaints and does it comply  
      with federal regulations?  [23 CFR 200.9 (b) (3)]  
      Response: Yes
   b. Environmental Justice
      Has the MPO identified low-income and minority populations within the planning  
      area and considered the effects of the planning process?  
      Response: Yes.
   c. ADA
      Are there procedures in place to address ADA complaints of non-compliance and  
      does it comply with federal regulations?  [49 CFR 27.13]  
      Response: Yes, through the City of Winston-Salem.
2020
Winston-Salem Urban Area
Metropolitan Planning Organization (MPO)
Self-Certification Process

d. DBE
   Does the MPO have a DBE policy statement that expresses commitment to the DBE program?
   Response: No, but the MPO uses the City’s DBE policy statement as its own.

10. Does the urban area have an adopted Public Involvement Plan (PIP)/Public Participation Plan? Response: Yes.
   a. Did the public participate in the development of the PIP? Response: Yes.
   b. Was the PIP made available for public review for at least 45-days prior to adoption?
      Response: Yes.
   c. Is adequate notice provided for public meetings? Response: Yes.
   d. Are meetings held at convenient times and at accessible locations?
      Response: Yes.
   e. Is the public given an opportunity to provide oral and/or written comments on the planning process?
      Response: Yes.
   f. Is the PIP periodically reviewed and updated to ensure its effectiveness?
      Response: Yes, it was updated in 2014.
   g. Are plans/program documents available in an electronic format, i.e. MPO website?
      Response: Yes.

11. Does the urban area have a process for including environmental, state, other transportation, historical, local land use and economic development agencies in the planning process? (MAP-21) Response: Yes.
   a. How? Response: The Technical Coordinating Committee (TCC) has many of these agencies on the committee and participating in the planning process.
   b. Why not? Response: N/A.
ACTION ITEM #4
Winston-Salem Urban Area Metropolitan Planning Organization  
Transportation Advisory Committee  
Action Request

<table>
<thead>
<tr>
<th>Meeting Date:</th>
<th>February 20, 2020</th>
<th>Agenda Item Number:</th>
<th>4</th>
</tr>
</thead>
</table>

**Action Requested:**  Review of the Winston Salem Urban Area Metropolitan Planning Organization Prioritization 6.0 Projects

**SUMMARY OF INFORMATION:**  Attachments:  Yes  X  No ___

**Background**

The original Transportation Reform was initiated under Executive Order No. 2 in 2009. It mandates a professional approval process for project selection. In response, NCDOT created the Strategic Prioritization Process. The first version of the Strategic Prioritization Process (Prioritization 1.0) was used to support development of the FY 2012-2018 Transportation Improvement Program (TIP). Significant changes have been made to the process and were driven by House Bill 817 also known as Strategic Transportation Investments (STI). The bill established funding tiers (Statewide, Regional, and Division) and allocations across all modes.

**NCDOT’s Data Driven Quantitative Scoring of Project Need**

Prioritization 6.0 involves three pieces of information: 1) a data driven, quantitatively scored estimate of project need, 2) MPO priority score, and 3) NCDOT Division priority score. The first step of Prioritization 6.0 is the identification of projects for evaluation and scoring by NCDOT’s Strategic Planning Office of Transportation (SPOT).

**WSMPO Prioritization 6.0 Projects**

MPO staff issued a call for project from April 15, 2019 to May 17, 2019. Attached is the proposed list of existing and new projects to be submitted for P6.0. Per our public participation policy, these projects went through a public comment period which lasted from January 7, 2020 and February 10, 2020. No comments were received.

**TAC Vote:**  Motion by:  ____________________  Second by: ____________________

**Vote:**  For ________  Against ________
RESOLUTION
APPROVING THE PRIORITIZATION 6.0
HIGHWAY, BICYCLE & PEDSTRIAN, AND PUBLIC TRANSIT PROJECTS
FOR THE WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING
ORGANIZATION

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

WHEREAS, the North Carolina Department of Transportation (NCDOT) created the
Strategic Prioritization Process in response to a State mandate to create a professional data-driven
approval process for transportation project selection; and

WHEREAS, the Strategic Transportation Investment (STI) legislation gives the MPOs the
opportunity to submit projects for funding consideration; and

WHEREAS, the Prioritization process involves three pieces of information: 1) a data driven,
quantitatively scored estimate of project need, 2) MPO priority score, and 3) NCDOT Division
priority score; and

WHEREAS, the first step of Prioritization process is the identification of projects for
evaluation and scoring by NCDOT’s Strategic Planning Office of Transportation (SPOT); and

WHEREAS, Winston-Salem Urban Area MPO staff issued a call for projects that lasted
from April 15, 2019 to May 17, 2019; and

WHEREAS, a list of existing and new projects was then presented to the TAC for review on
January 16, 2020; and

WHEREAS, the projects underwent a public review period from January 7, 2020 through
February 10, 2020; and

WHEREAS, staff recommends the submittal of eighteen (23) Highway projects, twenty-
three (23) Bicycle and Pedestrian projects, four (4) Transit projects, one (1) Rail project and three (3)
Aviation projects.
NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee of the Winston-Salem Urban Area Metropolitan Planning Organization approves the list of Highway, Bicycle and Pedestrian, Public Transit, Rail, and Aviation projects to be submitted to the Strategic Prioritization Office for scoring in accordance with the NCDOT Strategic Transportation Investment (STI) process

Adopted on this the 20th day of February, 2020.

______________________________
Mike Horn, Chairman
Transportation Advisory Committee

______________________________
Kirk E. Ericson, Secretary
Transportation Advisory Committee
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 12, 2019 - May 31, 2019</td>
<td>Call for projects and/or updated cost estimates and description:</td>
</tr>
<tr>
<td></td>
<td>- Unfunded Projects that are going to be submitted for P6.0 may need an updated description and will require and updated estimate</td>
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<tr>
<td></td>
<td>- New projects can be submitted at this time</td>
</tr>
<tr>
<td>Thursday, June 27, 2019</td>
<td>BOT Approves P6.0 Criteria and Weighs</td>
</tr>
<tr>
<td>Monday, October 7, 2019</td>
<td>SPOT On!ine opens for testing, entering, and submitting projects (closes Sept. 29)</td>
</tr>
<tr>
<td>Friday, June 28, 2019</td>
<td>Letters of support are due by June 3, 2019. Bicycle and pedestrian projects require a 20% local match and public transportation projects require a 10% local match. Letters of support must also acknowledge the 20% or 10% local match requirement.</td>
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<tr>
<td>Monday, July 15, 2019</td>
<td>Purpose and Need Forms due date for MPO and Division 9 Review</td>
</tr>
<tr>
<td>Thursday, January 16, 2020</td>
<td>Winston Salem MPO P6.0 Project List Review by TAC</td>
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<tr>
<td>Thursday, February 20, 2020</td>
<td>Winston Salem MPO P6.0 Project List Consideration by TAC</td>
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<tr>
<td>Friday, May 1, 2020</td>
<td>SPOT On!ine closes</td>
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<tr>
<td>Friday, June 19, 2020</td>
<td>DRAFT Identified Needs report completed for Highway Projects</td>
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<tr>
<td>Friday, January 22, 2021</td>
<td>FINAL Identified Needs report completed for all modes</td>
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<td>End of February 2021</td>
<td>Quantitative scores for all projects and Programmed Statewide Mobility projects released</td>
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</table>
Project Description: Construct new road from Griffith Road to Somerset drive.
**Project Description:** Construct new road from Pope Road to Griffith Road.

**Route/Facility Name:** New Route - Stratford-Ebert Connector Section 2

**From:** Griffith Road

**To:** Ebert and Pope Road Intersection

### Additional Information

<table>
<thead>
<tr>
<th><strong>Project Mode</strong></th>
<th><strong>Submission Type</strong></th>
<th><strong>Cost to NCDOT</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Highway</strong></td>
<td><strong>New</strong></td>
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### Map Features

- **AVIATION**
- **BRIDGE**
- **PUBLIC TRANSIT**
- **INTERCHANGE/INTERSECTION**
- **BICYCLE AND PEDESTRIAN**

**SPOT ID:**

**TIP ID:**

**Project Mode:** Construction Type

**Submission Type:** New

**Cost to NCDOT:**

**Highway:**

**New:**

**$**

**Winston-Salem**
**Project Description:** West Mountain Street - Widen to a 3-Lane Road from Old Greensboro Road to Old Hollow Road.

**From:** Old Greensboro Road

**To:** Old Hollow Road

**Route/Facility Name:** SR 2377 (West Mountain Street)

**SPOT ID:** H090551

**TIP ID:**

**From:** Old Greensboro Road

**To:** Old Hollow Road

**Highway**

**Existing**

**Cost to NCDOT:** $26,648,000
**Project Description:** Upgrade interchange to improve safety and capacity

**Route/Facility Name:** US 421

**From:** SR 1122 (Jonestown Road)

**To:**

**Cost to NCDOT:** $39,500,000
Project Description: Widen roadway and upgrade freeway to interstate standards - add additional travel lane in each direction to achieve a 6-lane roadway, construct outside 12' FD paved shoulders (2' dirt shoulder), 4' FD paved median shoulders, interchange improvements, and intermittent bridge replacements.

Route/Facility Name: I-74, US 52
From: NC 65 (WNB) Ext 118
To: Moore / RJR Drive Exit 122

SPOT ID: TIP ID:

<table>
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<tr>
<th>Project Mode</th>
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**Additional Information**

**AVIATION**  **BRIDGE**  **PUBLIC TRANSIT**  **INTERCHANGE/INTERSECTION**  **BICYCLE AND PEDESTRIAN**
Project Description: Upgrade freeway to interstate standards, widening, construct outside 12’ FD paved shoulder (2’ dirt shoulder), 4’ FD paved median shoulders, interchange improvements, and intermittent bridge replacements.
Project Description: NC 801 - Widen to Multi-Lanes. 3 Lanes from Yadkin Valley Road to Redland Road.
Project Description: Add Additional Lanes.
**SPOT ID:** H111233  
**TIP ID:**

**Route/Facility Name:** New Route

**From:** SR 1103 (Lewisville-Clemmons Road)
**To:** SR 1891 (Peace Haven Road)

**Project Description:** Peace Haven/Styers Ferry Rd.Conn.-New 2 Lane with Bike and sidewalk (This section includes a bridge over the Northern Beltway)

**Project Mode:** Highway  
**Submission Type:** Existing  
**Cost to NCDOT:** $31,574,000
Project Description: Multi-Lane facility with BikePed accommodation
Project Description: Peace Haven/Styers Ferry Road Conn. - New 2 Lane w/Bike and sidewalk
**Project Description:** Install left turn lane for southbound Ebert

**Additional Information**

- **Project Mode:** Highway
- **Submission Type:** Existing
- **Cost to NCDOT:** $2,900,000

**Route/Facility Name:** SR 1120 (Clemmonsville Road)

**From:** Ebert Road

**To:**

**SPOT ID:** H171278  **TIP ID:**

**Winston-Salem**
SPOT ID: H171195  TIP ID: 
Route/Facility Name: SR 3210 (Transou Road)

From: Balsom Road
To:

Project Description: Construct Roundabout

Winston-Salem

Additional Information

<table>
<thead>
<tr>
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SPOT ID: H090970-B       TIP ID: U-5902B

Route/Facility Name: NC 150

From: Hickory Tree Road SR 1508
To: Frye Bridge/Welcome Arcadia Road SR 1493

Project Description: Widen to Multi-Lanes

Additional Information

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<tbody>
<tr>
<td>Highway</td>
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</tbody>
</table>
Project Description: Widen NC801 at SR 1731 (Oak Valley Blvd) to US 158 to a multi-lane road with bike lanes and sidewalks, AND Improve the NC 801 US 158 intersection.
Project Description: Widen existing NC801 at SR 1650 (Peoples Creek Road) to SR 1731 (Oak Valley Blvd) to a three lane section with central left turn lane.
Project Description: Project proposes to convert the existing unsignalized T-intersection at Lewisville-Vienna Road and Yadkinville Road to a single lane roundabout with slip lanes.
Project Description: Intersection Improvements
**Project Description:** 4600 LF of 5 ft sidewalk and curb and gutter from Southpark to Clemmonsville Rd and Clemmonsville Rd to Sides Rd. (Tie in to existing sidewalk on existing ramps on Clemmonsville Rd.)
Project Description: Construct 2,925 LF of 5’ Sidewalk along Peters Creek Parkway, 625 ft sidewalk only 2300 curb and gutter and sidewalk, 730 ft of existing sidewalk
Project Description: Construct 4,700 linear feet of five (5') foot sidewalk along Silas Creek Parkway
**Route/Facility Name:** East Sprague Street Sidewalk

**From:** Cline Street

**To:** Cole Road

**Project Description:** Construct 2600 linear feet of five (5') foot sidewalk along Sprague Street

**Additional Information**

- **SPOT ID:** B171739
- **TIP ID:**
- **Project Mode:** Bike Ped
- **Submission Type:** Existing
- **Cost to NCDOT:** $1,601,600

**MAP:**
- Winston-Salem
- E Sprague St
- Waughtown St
- Cole Rd
- Butler St
- Cragmore Rd
- Cline St
- Salem Lake Rd
- Newland Dr
- Reynolds Forest Dr
- Eastwood Dr
- Farrington Point Dr
- Spotswood Dr
- Lyons St
- Yvonne Ct
- Willow Cove Dr
- Spotswood Dr
- Eastwood Dr
- Cragmore Ct
- Sprague St
- Cragmore Rd
- Eastwood Dr
- Farrington Point Dr
- Spotswood Dr
- Lyons St
- Yvonne Ct
- Willow Cove Dr
- Spotswood Dr
- Eastwood Dr

**KEY:**
- AVIATION
- BRIDGE
- PUBLIC TRANSIT
- INTERCHANGE/INTERSECTION
- BICYCLE AND PEDESTRIAN
- HIGHWAY
- STREETS
Winston-Salem

**SPOT ID: B171744**

**TIP ID:**

Route/Facility Name: Ogburn Avenue Sidewalk Part III

From: Kapp Street

To: Glenn Avenue

Project Description: Constructing 5,200 linear feet of five (5') foot sidewalk connecting the community

**Additional Information**

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<tr>
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<td>Bike Ped</td>
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<td>$3,203,200</td>
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Project Description: Construct 2900 linear feet of five (5') foot sidewalk along Thomasville Road
Project Description: Construct 2,500 linear feet of five (5') foot sidewalk along Motor Road

Additional Information

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<tr>
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<td>$1,540,000</td>
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Route/Facility Name: Motor Road Part I

From: Old Rural Hall Road
To: Ogburn Avenue
Project Description: Construct a 3,900 linear feet sidewalk connecting to existing sidewalk on Country Club and to future sidewalk on Jonestown.
Project Description: Construct 4,500 linear feet of five (5') foot sidewalk along Motor Road

From: Ogburn Avenue
To: Patterson Avenue

SPOT ID: B171776  TIP ID: 
Route/Facility Name: Motor Road Part II

Bike Ped
Existing
$ 2,772,000

Cost to NCDOT
Project Description: Construct approximately 8,810 linear feet of ten (10') foot wide greenway connecting the existing Muddy Creek Greenway to Yadkinville Road. Part of the Mountains to Sea proposed urban route through Forsyth County.
SPOT ID: B171785     TIP ID:

Route/Facility Name: Ogburn Avenue Part II

From: Motor Road
To: Kapp Street

Project Description: Construct 2,600 linear feet of five (5') foot sidewalk connecting the community

Additional Information

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<th>Submission Type</th>
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Project Mode: AVIATION
Submission Type: HIGHWAY
STREETS
PUBLIC TRANSIT
INTERCHANGE/INTERSECTION
BICYCLE AND PEDESTRIAN
Project Description: Construct approximately 3,535 linear feet of ten (10') foot wide greenway connecting the end of an existing greenway to Somerset Drive.
Project Description: Construct 4,500 linear feet of five (5’) foot sidewalk along Motor Road

**Spot ID:** B171789  
**TIP ID:**

Route/Facility Name: Motor Road Part III

From: Patterson Avenue  
To: Indiana Avenue

**Cost to NCDOT:** $2,772,000
Project Description: Construct 4100 linear feet of five (5') foot sidewalk along Thomasville Road.
SPOT ID: B171790  TIP ID: B171774  B171776  B171785

Route/Facility Name: Ogburn Avenue Sidewalk Part I

From: Oak Summit Road
To: Motor Road

Project Description: Construct 2,100 linear feet of five (5') foot sidewalk along Ogburn Avenue

Additional Information

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AVIATION  BRIDGE  PUBLIC TRANSIT  INTERCHANGE/INTERSECTION  BICYCLE AND PEDESTRIAN
Project Description: Project proposes sidewalk and curb/gutter to be constructed along one side of Shallowford Road connecting to the existing sidewalk located at the intersection of Shallowford Road and Lowes Foods Drive continuing approximately 3,300 feet. The sidewalk is proposed on the North side of Shallowford and will terminate across from the intersection of Shallowford.
Project Description: Construct 2,800 linear feet of five (5') foot sidewalk along Brewer Road

From: Old Salisbury Road
To: Buchanan Street
Project Description: Construct 3,500 linear feet of five (5') foot sidewalk along North Point Boulevard

Route/Facility Name: North Point Boulevard

From: Enterprise Drive
To: Indiana Avenue

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<td>$ 680,315</td>
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</tbody>
</table>

Additional Information:
- SPOT ID:
- TIP ID:
- Project Mode: Bike Ped
- Submission Type: New
- Cost to NCDOT: $ 680,315

- AVIATION
- BRIDGE
- PUBLIC TRANSIT
- INTERCHANGE/INTERSECTION
- BICYCLE AND PEDESTRIAN
**Project Description:** Construct 4,600 linear feet of five (5') foot sidewalk along Burk Mill Road filling in the Gaps

**Route/Facility Name:** Burk Mill Road

**FROM:** Griffith Road

**TO:** I-40 Bridge

**SPOT ID:**

**TIP ID:**

**Project Mode:** Bike Ped

**Submission Type:** New

**Cost to NCDOT:** $929,806
Project Description: Construct 3,000 linear feet of five (5) foot sidewalk along the west side of Silas Creek Parkway

Additional Information

<table>
<thead>
<tr>
<th>Project Mode</th>
<th>Submission Type</th>
<th>Cost to NCDOT</th>
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</thead>
<tbody>
<tr>
<td>Bike Ped</td>
<td>New</td>
<td>$1,650,000</td>
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</table>
**SPOT ID:**

Route/Facility Name: Briarcliffe Road

From: Reynolda Road

To: Tangle Lane

Project Description: Construct 3200 linear feet of five (5') foot sidewalk along Briarcliffe Road

**TIP ID:**

**Additional Information**

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<thead>
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<th>Submission Type</th>
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</thead>
<tbody>
<tr>
<td>Bike Ped</td>
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<td>$ 689,722</td>
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</table>

**Winston-Salem**
Project Description: Construct 3500 linear feet of five (5') foot sidewalk along Westview Drive
**Project Description:** Construct 6,400 LF of ten (10') foot trail connecting to existing trail.

**From:** MLK Junior Dr

**To:** 27th St

**Spot ID:**

**Route/Facility Name:** Long Branch Trail Extension

**SPOT ID:**

**TIP ID:**
Project Description: Camera and Security System Upgrades; Facility Improvements: Gas Packs, Carpet and Tile Replacement, Data Room Mini Split Units, Interior Painting and HVAC Replacement; Facility Improvements: Computers, Printers, Software and Network Securities

Project Mode: Transit  Submission Type: Existing  Cost to NCDOT: $420,750
**SPOT ID: T171873**  
**TIP ID:**  
**Route/Facility Name:** Bus Shelters throughout the WSTA system  
**From:** N/A  
**To:** N/A  

**Project Description:** Bus Shelter Solar Panels
Project Description: This project provides for general facility maintenance for the Hampton Haith Administration Building, the Clark Campbell Transportation Center, and the Maintenance Department.

Additional Information

<table>
<thead>
<tr>
<th>Project Mode</th>
<th>Submission Type</th>
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</thead>
<tbody>
<tr>
<td>Transit</td>
<td>New</td>
<td>$4,362,630</td>
</tr>
</tbody>
</table>
Project Description: Provide passenger amenities such as bus shelters. The transit authority plans to use these funds to purchase bus shelters. The route and schedule committee would determine the locations for new shelters.

SPOT ID:

Route/Facility Name: Bus Shelters throughout the WSTA system

From: N/A
To: N/A

Additional Information

<table>
<thead>
<tr>
<th>Project Mode</th>
<th>Submission Type</th>
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</thead>
<tbody>
<tr>
<td>Transit</td>
<td>New</td>
<td>$300,000</td>
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</table>
Project Description: Make improvements to existing terminal building, entrance road, and construction of a new hangar. Project would also include the demolition of old hangar, old cargo building and office building. After improvements are made, the fixed based operator (FBO) would relocate to terminal which would become the front door to the community. Project included on pen and ink.
Project Description: Make improvements to terminal building and entrance road. Project would also include the demolition of old air cargo building. After improvements are made, the terminal would become the front door to the community. Project included on pen and ink change to Airport Layout Plan (ALP).
**Project Description:** Project would include renovations to an existing hangar, demolition of an old hangar and construction of a new hangar. The existing hangars are at capacity at INT. Project included on pen and ink change to Airport Layout Plan (ALP).
**SPOT ID:**
Route/Facility Name: Akron Dr

From: Indiana Ave
To: N/A

Project Description: Construction of at grade crossing as part of the Akron Drive extension project

**TIP ID:**

**Additional Information**

- **Project Mode**: Highway
- **Submission Type**: New
- **Cost to NCDOT**: $4,000,000
**Project Description:** Construct Freeway on New Location

**Route/Facility Name:** New Route - Winston-Salem Northern Beltway (West)

**From:** US 158

**To:** South of I-40

**Additional Information:**

- **Project Mode:** Highway
- **Submission Type:** Carry Over
- **Cost to NCDOT:** $327,000,000
Project Description: Construct Freeway on New Location

**SPOT ID: H090076-B**  **TIP ID: R-2247B**

Route/Facility Name: New Route - Winston-Salem Northern Beltway (West)

From: South of I-40

To: South of US 421

**Project Mode**

- AVIATION
- BRIDGE
- PUBLIC TRANSIT
- INTERCHANGE/INTERSECTION
- BICYCLE AND PEDESTRIAN

**Submission Type**

- HIGHWAY

**Cost to NCDOT**

- Carry Over: $79,302,150
Project Description: Widen to 6 Lane Freeway

Route/Facility Name: I-40 BUS, US 421
From: I-74 (ENB)
To: I-40

Additional Information

<table>
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<tr>
<th>Project Mode</th>
<th>Submission Type</th>
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</thead>
<tbody>
<tr>
<td>Highway</td>
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<td>$110,927,000</td>
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</table>

AVIATION
BRIDGE
PUBLIC TRANSIT
INTERCHANGE/INTERSECTION
BICYCLE AND PEDESTRIAN
**SPOT ID:** H190470  
**TIP ID:**

Route/Facility Name: SR 2932 (Old 52)

From: Old 52 (SR 2932) / Gumtree Rd (SR 1711)

To: [map points]

**Project Description:** Upgrade existing intersection with construction of RAB

**Additional Information**

- **Project Mode:** [map points]
- **Submission Type:** New
- **Cost to NCDOT:** $2,214,000

**Legend:**
- AVIATION
- BRIDGE
- PUBLIC TRANSIT
- INTERCHANGE/INTERSECTION
- BICYCLE AND PEDESTRIAN
- HIGHWAY
- STREETS
Project Description: Upgrade existing intersection with construction of RAB

Additional Information

<table>
<thead>
<tr>
<th>Project Mode</th>
<th>Submission Type</th>
<th>Cost to NCDOT</th>
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</thead>
<tbody>
<tr>
<td>Highway</td>
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<td>$1,665,000</td>
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</table>
Project Description: Improve intersection with turn lanes on all approaches

<table>
<thead>
<tr>
<th>SPOT ID: H185114</th>
<th>TIP ID:</th>
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</thead>
<tbody>
<tr>
<td>Route/Facility Name: NC 8 (Germanton Road)</td>
<td></td>
</tr>
<tr>
<td>From: NC 8 (Germanton Road) &amp; Oak Summit Road (SR 1686)</td>
<td></td>
</tr>
<tr>
<td>To:</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Mode</td>
</tr>
<tr>
<td>Highway</td>
</tr>
</tbody>
</table>
Project Description: Upgrade existing intersection with construction of RAB

From: Intersection of Hampton Road & Frye Bridge Road
To:

Project Mode | Submission Type | Cost to NCDOT
---|---|---
Highway | New | $2,214,000
**SPOT ID:** H185269  
**TIP ID:**

Route/Facility Name: SR 2601 (Macy Grove Rd)

From: Kernersville Medical Pkwy / I-5980 Tie-in  
To: Industrial Park Dr. on the south end of TIP U-2800

Project Description: Widen 2 lane roadway to a multi-lane facility

**Additional Information**

<table>
<thead>
<tr>
<th>Project Mode</th>
<th>Submission Type</th>
<th>Cost to NCDOT</th>
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</thead>
<tbody>
<tr>
<td>Highway</td>
<td>New</td>
<td>$12862000</td>
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**From:** Kernersville Medical Pkwy / I-5980 Tie-in
**To:** Industrial Park Dr. on the south end of TIP U-2800

Highway New $12862000
INFORMATION ITEM #5
Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Action Request

Meeting Date: February 20, 2020  
Agenda Item Number: 5

Action Requested: Review of the Fiscal Year 2018-2027 Metropolitan Transportation Improvement Program (MTIP) Amendments and Modifications for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).

SUMMARY OF INFORMATION: Attachments: Yes X No

The Fiscal Year (FY) 2018-2027 Metropolitan Transportation Improvement Program (MTIP) is a comprehensive list of all transportation projects programmed for the Winston-Salem Urban Area and must be a subset of the Winston-Salem Urban Area 2040 Metropolitan Transportation Plan (MTP) and match Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) projects in the FY 2018-2027 State Transportation Improvement Program (STIP). The 2040 MTP and the Air Quality Conformity Determination Report (AQCDR) were adopted by the TAC on September 17, 2015.

The North Carolina Department of Transportation (NCDOT) regularly updates the STIP to include new projects and modify existing projects. Any STIP amendment for new statewide projects or projects within the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) triggers the amendment of the MTIP. STIP amendments for regionally significant projects that have significant project revisions or cross the Federal Highway Administration (FHWA) 4-year funding period or modeling horizon years require an AQCDR. Modifications to the STIP do not require adoption but are provided for information.

The attached document describes the additions, deletions, amendments and modifications to the Winston-Salem Urban Area FY 2018-2027 MTIP.

As required by the WSUAMPO’s Public Participation Policy, the amendments and modifications to the FY 2018-2027 MTIP will be made available for public review and comment for at least thirty (30) days from February 6, 2020 through March 9, 2020.

TAC Vote: Motion by: Second by: Vote: For Against
RESOLUTION APPROVING THE FISCAL YEAR 2018-2027 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) AMENDMENTS AND MODIFICATIONS FOR THE WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION (WSUAMPO).

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

WHEREAS, the Metropolitan Transportation Improvement Plan (MTIP) is a comprehensive listing of all transportation projects programmed for the Winston-Salem Urban Area and must match the State Transportation Improvement Program (STIP); and

WHEREAS, the North Carolina Department of Transportation (NCDOT) regularly updates the STIP to include new projects and modify existing projects; and

WHEREAS, any STIP amendment for new statewide projects or projects within the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) triggers the amendment of the MTIP; modifications to the STIP do not require adoption but are provided for information; and

WHEREAS, the attached document describes the amendments and modifications to the Winston-Salem Urban Area Fiscal Year 2020-2029 MTIP; and

WHEREAS, as required by the WSUAMPO’s Public Participation Policy, the amendments and modifications to the MTIP were available for public review and comment for at least thirty (30) days from February 6, 2020 through March 9, 2020.

NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee of the Winston-Salem Urban Area Metropolitan Planning Organization adopts the amendments and modifications to the Fiscal Year 2018-2027 Metropolitan Transportation Improvement Program (MTIP) as shown on the attached list.

Adopted on this the 19th day of March, 2020.

________________________________________
Mike Horn, Chairman
Transportation Advisory Committee

________________________________________
Kirk E. Ericson, Secretary
Transportation Advisory Committee
## Amendments and Modifications to the Winston-Salem Urban Area
**FY 2018-2027 Metropolitan Transportation Improvement Program (MTIP)**
**February**

### Modifications

#### January 2020

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
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<th>POST YR</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td><strong>R-2577A</strong></td>
<td>US 158, MULTI-LANES NORTH OF US 421/I-40 BUSINESS TO SR 1965 (BELEWS CREEK ROAD)</td>
<td>ENGINEERING</td>
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<td>$127,000 (T)</td>
<td>FY2022</td>
<td>$127,000 (T)</td>
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<td>FY2024</td>
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<td>$343,000 (T)</td>
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<td>$343,000 (T)</td>
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<tr>
<td>FY2020</td>
<td>$3,800,000 (T)</td>
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<td>$343,000 (T)</td>
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<td>FY2020</td>
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</table>

*U-2579BA* | FUTURE I-74, WINSTON-SALEM NORTHERN BELTWAY, EASTERN SECTION, US 421/NC 150/BUSINESS 40 TO US 158. STREAM RELOCATION. | CONSTRUCTION | FY 2020 | $10,000,000 (NHP)

* INDICATES FEDERAL AMENDMENT
Amendments and Modifications to the Winston-Salem Urban Area
FY 2018-2027 Metropolitan Transportation Improvement Program (MTIP)
February

PROJECT BREAK ADDED FOR SEPARATE
LETTING OF STREAM RELOCATION
COMPONET.

*INDICATES FEDERAL AMENDMENT

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<th>PROJECT</th>
<th>DESCRIPTION</th>
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<td>U-5824</td>
<td>NC 66 (OLD HOLLOW ROAD), HARLEY DRIVE TO US 158 IN WALKERTOWN. WIDEN TO MULTILANES.</td>
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<td>(T)</td>
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PROJECT TO UTILIZE BUILD NC BONDS.
Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee

Action Request

Meeting Date: February 20, 2020

Agenda Item Number: 6

Action Requested: Review of the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) Disadvantage Business Enterprise (DBE) Plan

SUMMARY OF INFORMATION:

Attachments: Yes X No 

The Disadvantaged Business Enterprise Program (DBE) is a legislatively mandated USDOT program that applies to Federal-aid highway dollars expended on federally assisted contracts issued by USDOT recipients. The City of Winston-Salem is a direct recipient and subrecipient of Federal dollars.

The U.S. Congress established the DBE program in 1982 to:

• Ensure nondiscrimination in the award and administration of DOT-assisted contracts;
• Help remove barriers to the participation of DBEs in DOT-assisted contracts, and
• Assist the development of firms that can compete successfully in the marketplace outside of the DBE program.

As such, the City of Winston-Salem is required to adopt a DBE program that complies with federal regulations. Staff will seek approval of the DBE policy from the Transportation Advisory Committee (TAC), which has the authority to approve federal and state funding apportioned to the City of Winston-Salem for distribution or spending for the Winston-Salem Urban Area Metropolitan Organization (WSUAMPO). This same approval will be sought from other Boards having similar authority such as the Board of the Directors of the Winston-Salem Transit Authority (WSTA).

These resolutions will then be presented to the City of Winston-Salem City Council for their approval of the policy.

TAC Vote: Motion by:______________ Second by:______________

Vote: For ________ Against ________
RESOLUTION APPROVING THE WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION (WSUAMPO) DISADVANTAGE BUSINESS ENTERPRISE (DBE) PLAN.

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

WHEREAS, the Disadvantaged Business Enterprise Program (DBE) is a legislatively mandated USDOT program that applies to Federal-aid highway dollars expended on federally assisted contracts issued by USDOT recipients; and

WHEREAS, U.S. Congress established the DBE program in 1982 to
- Ensure nondiscrimination in the award and administration of DOT-assisted contracts;
- Help remove barriers to the participation of DBEs in DOT-assisted contracts, and
- Assist the development of firms that can compete successfully in the marketplace outside of the DBE program; and

WHEREAS, the City of Winston-Salem is a direct recipient and subrecipient of Federal dollars; and

WHEREAS, the City of Winston-Salem is required to adopt a DBE program that complies with federal regulations; and

NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee of the Winston-Salem Urban Area Metropolitan Planning Organization adopts the City of Winston-Salem’s Disadvantage Business Enterprise (DBE) plan.

Adopted on this the 19th day of March, 2020.

____________________________________
Mike Horn, Chairman
Transportation Advisory Committee

____________________________________
Kirk E. Ericson, Secretary
Transportation Advisory Committee
Meeting Date: February 20, 2020

Agenda Item Number: 7

Action Requested: Review of the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) Title VI Plan

SUMMARY OF INFORMATION: Attachments: Yes X No

Title VI of the Civil Rights Act of 1964, prohibits discrimination based upon race, color, and national origin. Specifically, 42 USC 2000d states that “No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” The use of the word “person” is important as the protections afforded under Title VI apply to anyone, regardless of whether the individual is lawfully present in the United States or a citizen of a State within the United States.

In addition to Title VI, there are other Nondiscrimination statutes that afford legal protection. These statutes include the following: Section 162 (a) of the Federal-Aid Highway Act of 1973 (23 USC 324) (sex), Age Discrimination Act of 1975 (age), and Section 504 of the Rehabilitation Act of 1973/Americans With Disabilities Act of 1990 (disability).

As such, the City of Winston-Salem is required to adopt a Title VI plan that complies with federal laws and regulations. Staff will seek approval of the Title VI plan from the Transportation Advisory Committee (TAC), which has the authority to approve federal and state funding apportioned to the City of Winston-Salem for distribution or spending for the Winston-Salem Urban Area Metropolitan Organization (WSUAMPO). This same approval will be sought from other Boards having similar authority such as the Board of the Directors of the Winston-Salem Transit Authority (WSTA).

These resolutions will then be presented to the City of Winston-Salem City Council for their approval of the policy.

TAC Vote: Motion by: Second by:

Vote: For Against
RESOLUTION APPROVING THE WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION (WSUAMPO) TITLE VI PLAN.

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

WHEREAS, the Title VI of the Civil Rights Act of 1964, prohibits discrimination based upon race, color, and national origin; and

WHEREAS, 42 USC 2000d states that “No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance”; and

WHEREAS, the use of the word “person” is important as the protections afforded under Title VI apply to anyone, regardless of whether the individual is lawfully present in the United States or a citizen of a State within the United States; and

WHEREAS, as a recipient of federal funds the City of Winston-Salem is required to adopt a Title VI plan that complies with federal regulations.

NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee of the Winston-Salem Urban Area Metropolitan Planning Organization adopts the City of Winston-Salem’s Title VI plan.

Adopted on this the 19th day of March, 2020.

________________________________________
Mike Horn, Chairman
Transportation Advisory Committee

________________________________________
Kirk E. Ericson, Secretary
Transportation Advisory Committee
INFORMATION ITEM #8
Staff Reports
### Projects Under Construction

<table>
<thead>
<tr>
<th>TIP / WBS No.</th>
<th>Description</th>
<th>Let Date</th>
<th>Completion Date</th>
<th>Status</th>
<th>Construction Cost</th>
<th>Contractor</th>
<th>Project Administrator</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>2018CPT.09.01.10</td>
<td>Contract resurfacing on (2) sections of NC 65, (1) section each of NC 150, NC 66, and NC 67, and (12) sections in Davidson and Forsyth Counties, totaling 39.46 miles.</td>
<td>March 20, 2018</td>
<td>May 3, 2020</td>
<td>96.5% Complete</td>
<td>$8,108,554</td>
<td>Sharpe Brothers, Inc</td>
<td>Jeremy Guy, PE (336)747-7900</td>
<td>Finishing final pavement markings is all that remains. Due to weather limitations this work will be completed in the Spring as weather allows.</td>
</tr>
<tr>
<td>2018CPT.09.02.20</td>
<td>Contract resurfacing on (3) sections of Primary Routes including US 421/Salem Parkway and US 52, (1) section of US 311 and NC 66 and (10) sections of Secondary Routes, totaling 20.805 miles, in Forsyth County</td>
<td>Dec. 18, 2018</td>
<td>Revised Oct. 2, 2020</td>
<td>47.9% Complete</td>
<td>$12,171,471</td>
<td>APAC-Atlantic, Inc. Thompson Arthur Div.</td>
<td>Jeremy Guy, PE (336)747-7900</td>
<td>The contractor has completed the milling and paving on Reynolds Blvd and I-40 Business as well as several other secondary maps. The contractor plans on paving the rest of the maps next year, starting in the Spring.</td>
</tr>
<tr>
<td>2020CPT.09.05.10</td>
<td>Contract resurfacing on (3) sections of Primary Routes including US 421/Salem Parkway and US 52, (1) section of US 311 and NC 66 and (10) sections of Secondary Routes, totaling 20.805 miles, in Forsyth County</td>
<td>Oct. 16, 2018</td>
<td>Revised June 4, 2020 (perm. veg. by May 13, 2021)</td>
<td>21.7% Complete</td>
<td>$5,359,379</td>
<td>Wright Brothers Construction Co., Inc</td>
<td>Jeremy Guy, PE (336)747-7900</td>
<td>Demolition of Akron bridge is complete and the contractor has begun excavation for the MSE walls as well as foundation excavation for piles. Wet utility relocation is also in progress and should be complete in February.</td>
</tr>
<tr>
<td>2020CPT.09.06.20</td>
<td>DESIGN BUILD - Grading (Widening), Drainage, Paving and ITS on I-40 from West of NC 801 in Davie County to east of SR 1101 (Harper Road/Tanglewood Park Business Road) in Forsyth County. The project will replace dual bridges on I-40 over the Yadkin River and accommodate a future greenway by replacing the Bert’s Way roadway bridge over I-40 with a pedestrian bridge. All noise walls were approved for construction. Construction continues with superstructure work and median cross overs for Phase II. Deck pours underway. Anticipate traffic shift to Phase II late February 2020 along with new crossover pattern in I-40 EB direction. Pedestrian culvert extensions complete. Pedestrian bridge erection fall of 2020. Sound wall construction near complete in I-40WB direction. Sound wall I-40EB to begin Spring 2020.</td>
<td>July 18, 2017</td>
<td>Revised Jan. 19, 2021</td>
<td>56.3% Complete</td>
<td>$71,962,779</td>
<td>Flatiron Constructors, Inc/Blythe Development Co - JV</td>
<td>Jordan Scott, PE (336)293-9610</td>
<td>DESIGN BUILD - Project will widen approximately 3.3 miles of I-40 to a six-lane divided facility from west of NC 801 in Davie County to east of SR 1101 (Harper Road/Tanglewood Park Business Road) in Forsyth County. The project will replace dual bridges on I-40 over the Yadkin River and accommodate a future greenway by replacing the Bert’s Way roadway bridge over I-40 with a pedestrian bridge. All noise walls were approved for construction. Construction continues with superstructure work and median cross overs for Phase II. Deck pours underway. Anticipate traffic shift to Phase II late February 2020 along with new crossover pattern in I-40 EB direction. Pedestrian culvert extensions complete. Pedestrian bridge erection fall of 2020. Sound wall construction near complete in I-40WB direction. Sound wall I-40EB to begin Spring 2020.</td>
</tr>
<tr>
<td>TIP / WBS No.</td>
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<tr>
<td>R-2247CD 34409.3.23</td>
<td>DESIGN BUILD - W-S Northern Beltway - Western Section - US 421 Interchange with SR 1891 / Peace haven Rd and Approaches AND US 52/Future I-74 Interchange with NC 55. Reconstruct Interchange.</td>
<td>Nov. 15, 2016</td>
<td>Estimated June 6, 2020; Revised completion Aug. 3, 2020</td>
<td>90.6% Complete</td>
<td>$43,900,000</td>
<td>Blythe Construction, Inc</td>
<td>Design Build Project: All new alignments now functional at Peacehaven site. Anticipate shift to Phase II of Peacehaven bridge Spring 2020 once widen is completed along Peacehaven Rd. Median construction along US 421 is underway. Noise wall near 95% complete for Peace Haven site, with stain work to remain. Work continues on Phase II bridge superstructure at Rural Hall site. Anticipate completion Spring 2020. Grading work continues for both US 52 NB on and off ramp and loop. US 52 SB on-ramp is now open in temporary pattern. Next major milestone for this site will be opening of US 52 NB on-ramp/off-ramp in Spring 2020. Noise wall near 75% complete at Rural Hall site.</td>
<td></td>
</tr>
<tr>
<td>R-2247EC 34409.3.24 (C203840)</td>
<td>DESIGN BUILD - W-S Northern Beltway - Western Section (Future I-74) - Interchange at US 52</td>
<td>Aug. 21, 2018</td>
<td>Estimated Sept. 1, 2022</td>
<td>25.4% Complete</td>
<td>$134,150,000</td>
<td>Blythe Construction, Inc</td>
<td>Design Build Project: Project will consist of designing and constructing a six-lane divided facility for the extension of Future I-74 from east of Westinghouse Rd to west of University Parkway. Project will tie to the U-2579 D, E, F projects to complete the northern beltway from US 421/Salem Parkway to US 52 by the end of Sept. 2021. Clearing for the new US 52 SB alignment is currently in progress with the installation of several culverts and bridge substructures. ROW acquisition and utility relocation efforts still underway. Recently closed SR 1840 for utility, culvert, bridge demolition work. Anticipate project to be operational from US 52 to University Parkway in September 2021, and overall completion in Sept., 2022.</td>
<td></td>
</tr>
<tr>
<td>R-4750 39889.3.2 (D000227)</td>
<td>Signing on I-285/US 29/52/70 from W. of Belmont Rd to US 421 and I-40 from N of (NC 150) Peters Creek Parkway to S. of NC 66 (Hometown Rd) in Davidson and Forsyth Counties</td>
<td>Sept. 25, 2019</td>
<td>Availability date Feb. 10, 2020</td>
<td>94.2% Complete</td>
<td>$627,597</td>
<td>Traffic Control Safety Services, Inc.</td>
<td>Availability date February 10, 2020. The Contractor will begin in mid February at exit 86 Belmont Rd on I-85, and work north on I-285 up to I-40 changing out ground mounted signs. The first of March, night time lane closures will be in place while replacing the overhead signs.</td>
<td></td>
</tr>
<tr>
<td>U-2579B 34839.3.GVS4 (C203484)</td>
<td>W-S Northern Beltway – Eastern Section (Future I-74), from US 421/Salem Parkway to US 158</td>
<td>Oct. 21, 2014</td>
<td>Estimated June 1, 2020</td>
<td>94.2% Complete</td>
<td>$153,999,950</td>
<td>Dragados USA, Inc.</td>
<td>Dragados USA is working towards opening this section of future I-74 between US 421/Salem Parkway and US 158 by late Spring/early Summer 2020. Dragados structure crews are working to complete any remaining bridge items while also completing any structure punch list items. The Grading crew is working to complete ditches and shoulders on various areas of the project along with punch list items as well. Minus a few small areas Y4 WB and EB have the asphalt paved up to the final lift of asphalt surface mix (1-1/2 inches of asphalt surface mix must be placed prior to final pavement markings). Most of the concrete paving has been placed but there are many minor items including joint widening and sealing, plus punch list items that must be completed. The ground mounted and overhead signs are being installed with guardrail to follow once shoulders are at final grade.</td>
<td></td>
</tr>
<tr>
<td>U-2579C 34839.3.GV6 (C203979)</td>
<td>W-S Northern Beltway, Eastern Section (Future I-74), from W. of US 158 (Reidsville Rd) to W. of US 311 (New Walkertown Rd) near Walkertown, 1.99 mi.</td>
<td>Nov. 21, 2017</td>
<td>Estimated June 10, 2021 (perm. veg. by Dec. 7, 2021)</td>
<td>72% Complete</td>
<td>$33,213,319</td>
<td>E.S. Wagner Co., LLC of South Carolina</td>
<td>Concrete deck construction for the left and right lane bridges is in progress on -L- line over Lowery Mill Creek and should be complete by Spring 2020. Unclassified excavation along project is ongoing and approximately 89% complete. Paving work left -L- will be completed on the portion between US 311 and Williston Road. Unclassified excavation work is 88% complete. Contractor anticipates to be substantially complete by Dec. 15, 2020, barring any unforeseen events.</td>
<td></td>
</tr>
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<tr>
<td>U-2579D,E,F</td>
<td><strong>DESIGN BUILD</strong> - W-S Northern Beltway, Eastern Section (Future I-74), from US 311 (New Walkertown Rd) near Walkertown to E. of US 52 (Future I-74) near Rural Hall in Forsyth County</td>
<td>March 20, 2018</td>
<td>Sept. 29, 2021</td>
<td>30.2% Complete</td>
<td>$140,778,000</td>
<td>Flatiron Constructors, Inc/Blythe Development Co - JV</td>
<td>Marcus Kiser, PE (336)747-7950</td>
<td>Design Build Project: Right-of-way acquisition, Utilities and Design in progress; demolition of houses when available to do so and construction has begun with clearing and grading in the vicinity of University Parkway, West of Germanton Rd to Stanleyville Rd, East of Germanton Rd to Merrydale Dr. Working on culverts and erosion control basins off Germanton Road. Waterline installation along Germanton Rd, Stanleyville Rd, and Davis Rd. Utility work off Old Walkertown Road. Relocated Old Walkertown Road has been opened. MSE walls for the bridges over Old Walkertown Rd under construction into February. Other than clearing, grubbing, and drainage, most of the work at University Parkway scheduled for mid to late 2020.</td>
</tr>
<tr>
<td>U-2827B</td>
<td><strong>DESIGN BUILD</strong> - US 421 (I-40 Business) improvements from 4th St to East of Church St. in Winston-Salem and upgrade interchange at NC 150 (Peter's Creek Parkway) and I-40 Bus. to interstate standards; Pavement rehab and replace Bridges 178, 269, 278, 286, 288, 291, 293, 305, 312, 313, 336; Construct I-40 Bus. Multi-use Path</td>
<td>Aug. 30, 2016</td>
<td>Nov. 1, 2020</td>
<td>90.7% Complete</td>
<td>$99,109,380</td>
<td>Flatiron Constructors Inc. / Blythe Development Co Joint Venture</td>
<td>Larry Shaver (336)249-6255</td>
<td>Design Build Project: Business 40 (soon to be Salem Parkway), between US-52 and Peters Creek Parkway, was closed Nov. 17, 2018. Road opened to traffic on Sunday, February 2nd. Construction proceeding on the strollway bridge (between Willow's Bistro and 1st St) and the Green Street pedestrian bridge. Installation of new signage with the Salem Parkway designation has begun beyond the project limits. Final Completion date for all project items is currently scheduled Nov. 1, 2020.</td>
</tr>
<tr>
<td>U-4734</td>
<td>SR 2601 (Macy Grove Rd) Extension from SR 1005 (E. Mtn. St) to NC 150 (N Main St) in Kernersville. Four lane Divided Facility on New Location.</td>
<td>June 19, 2018</td>
<td>Revised April 24, 2021 (perm. veg. by Oct 22, 2021)</td>
<td>74.9% Complete</td>
<td>$12,819,746</td>
<td>Jimmy R Lynch &amp; Sons, Inc</td>
<td>Jordan Scott, PE (336)293-9610</td>
<td>Culvert is complete. Grading, stabilization, and paving continues on each end of the project working towards bridge. Storm drainage construction and temporary widening along Smith Edwards Rd continues. Access to Smith Edwards Road now available from new Macy Grove Road in current phase of project. Work continues on bridge.</td>
</tr>
<tr>
<td>45866</td>
<td>Relocate existing traffic signal cabinets in downtown Winston-Salem from metal poles to concrete bases.</td>
<td>March, 2018</td>
<td>TBD</td>
<td>80% Complete</td>
<td>$250,000</td>
<td>CoWS Forces</td>
<td>JP Couch, PE (336)747-7800</td>
<td>Six out of 17 complete. Work being performed by City of W-S forces. Completion contingent on Downtown Bus 40 completion and Duke Power remobilization.</td>
</tr>
<tr>
<td>44610</td>
<td>Pedestrian Improvements on Cloverdale Avenue and Miller Street in Winston-Salem</td>
<td>Feb. 22, 2018</td>
<td>TBD</td>
<td>50% Complete</td>
<td></td>
<td>State Forces</td>
<td>Kevin Neal, PE (336) 896-2350</td>
<td>NON-DOT let - Miller Street section complete - Waiting on completion of U-2827B project for the Cloverdale section</td>
</tr>
<tr>
<td>44819</td>
<td>Relocate pole mounted signal cabinets from Duke Energy poles in Downtown Winston-Salem - as part of W-S Signal System upgrade.</td>
<td>March, 2018</td>
<td>TBD</td>
<td>80% Complete</td>
<td></td>
<td>CoWS Forces</td>
<td>JP Couch, PE (336)747-7800</td>
<td>All locations complete except for First Street location. Waiting on completion of U-2827B project.</td>
</tr>
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<tr>
<td>B-5148</td>
<td>Replace Bridge #276 on SR 1001 (Country Club Rd) over NC 67 (Silas Creek Pkwy) in Winston-Salem</td>
<td>Jan. 18, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Tentatively June 22, 2020</td>
<td>$4,375,000</td>
<td>TBD</td>
<td>Kevin Fischer, PE (919) 707-6514</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Right of way Acquisition and Let date will be delayed, currently looking at a Fall 2020 let date and will update the right of way acquisition date once the final schedule is known. Due to right of way, utility and design constraints the project had to be redesigned from the original plans.</td>
</tr>
<tr>
<td>B-5770</td>
<td>Replace Bridge #243 on Salisbury Ridge Rd over NC 150 (Peters Creek Parkway) in Winston-Salem</td>
<td>April, 2021</td>
<td>TBD</td>
<td>ROW Acquisition in progress</td>
<td>$4,317,000</td>
<td>TBD</td>
<td>Kevin Fischer, PE (919) 707-6514</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Project delayed to avoid impacts during Business 40 project (U-2827B). Utility coordination is underway, there are heavy utility impacts at this location. The let date has been delayed to allow time for right of way acquisition and utility relocations.</td>
</tr>
<tr>
<td>B-5775</td>
<td>Replace Bridge #275 on Robinhood Rd over NC 67 (Silas Creek Pkwy) in Winston-Salem</td>
<td>Jan. 18, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Aug. 31, 2020</td>
<td>$4,500,000</td>
<td>TBD</td>
<td>Kevin Fischer, PE (919) 707-6514</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let project accelerated due to additional revenue (HB 97) - Structures Management Unit has taken over management of the project at this time. They are currently working on scoping the next phase of the project with the consultant.</td>
</tr>
<tr>
<td>B-5950</td>
<td>Replace Bridge #7 and #295 on NC 67 (Silas Creek Parkway) over Salem Creek in Winston-Salem</td>
<td>Jan. 19, 2027</td>
<td>TBD</td>
<td>ROW Acquisition Jan. 16, 2026</td>
<td>$4,323,000</td>
<td>TBD</td>
<td>Kevin Fischer, PE (919) 707-6514</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Pre-scoping meeting for design is scheduled for week of Dec. 10, 2018. There is a pending STIP Modification to add the adjacent bridge on Silas Creek Parkway Bridge #295. <em>This project has been temporarily suspended due to project prioritization.</em></td>
</tr>
<tr>
<td>BR-0018</td>
<td>Replace Bridge #48 over US 52 on NC 8 (Germanton Rd) in Winston-Salem</td>
<td>Jan. 18, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Jan. 19, 2021</td>
<td>$7,050,000</td>
<td>TBD</td>
<td>Daniel Dagenhart (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Planning and Design is underway. <em>This project has been temporarily suspended due to project prioritization.</em></td>
</tr>
<tr>
<td>BR-0075</td>
<td>Replace Bridge #135 over I-40 on SR 1109 (Kinnamon Rd) in Winston-Salem</td>
<td>Jan. 1, 2023</td>
<td>TBD</td>
<td>ROW Acquisition Jan. 1, 2022</td>
<td>$7,000,000</td>
<td>TBD</td>
<td>Kevin Fischer, PE (919) 707-6514</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Pre-scoped with Summit</td>
</tr>
<tr>
<td>I-5795</td>
<td>Pavement Rehabilitation on I-40 from 0.3 miles E. of SR 3153 (Hanes Mall Blvd) to 0.9 mile E. of NC 150 (Peters Creek Parkway) in Winston-Salem and I-40 from SR 2747 (Clemmons'ville Rd) in Winston-Salem to Guilford County line.</td>
<td>Jan. 19, 2021</td>
<td>TBD</td>
<td>Planning/ Design in progress</td>
<td>$22,500,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRL) - Projects have been combined. Let date has been delayed as part of the ongoing project prioritization.</td>
</tr>
<tr>
<td>I-5952A</td>
<td>Bridge Rehabilitation on I-40 from SR 1101 (Harper Road) to US 421/Salem Parkway in Winston-Salem</td>
<td>Jan. 19, 2021</td>
<td>TBD</td>
<td>Planning/ Design in progress</td>
<td>$2,516,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRL) - Projects have been combined. Let date has been delayed as part of the ongoing project prioritization.</td>
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</table>
### Projects Under Development

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<thead>
<tr>
<th>TIP / WBS No.</th>
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<tbody>
<tr>
<td>5-5880</td>
<td>I-40/US 311 at NC 109 (Thomasville Rd) and Clemmons Rd in Winston-Salem. Convert Half Split Diamond Interchange at NC 109 to Full Split Diamond Interchange, and remove Half Split Diamond Interchange and Connector Roads at Clemmons Rd.</td>
<td>Jan., 2023</td>
<td>TBD</td>
<td>ROW Acquisition Jan., 2021</td>
<td>$12,300,000</td>
<td>TBD</td>
<td>Laura Sutton, PE</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Purchase Order Contract (DPOC) - Public Meeting was held on Sept. 25, 2018 at First Waughtown Baptist Church</td>
</tr>
<tr>
<td>5-5981A</td>
<td>Widen I-40 to 6-lanes, from I-74/US 311 in Forsyth Co to SR 2635 (Union Cross Rd)</td>
<td>Oct. 17, 2028</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 18, 2025</td>
<td>$35,324,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule based on Approved 2020-2029 STIP - Raleigh Let - To assist in balancing funds, project schedule has been delayed</td>
</tr>
<tr>
<td>5-5981B</td>
<td>Widen I-40 to 6-lanes, from SR 2635 (Union Cross Rd) to NC 66</td>
<td>Oct. 17, 2028</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 18, 2025</td>
<td>$52,026,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule based on Approved 2020-2029 STIP - Raleigh Let - To assist in balancing funds, project schedule has been delayed</td>
</tr>
<tr>
<td>5-5981C</td>
<td>Widen I-40 to 6 lanes from NC 66 in Forsyth Co to US 421/1-40 Business in Guilford Co</td>
<td>Oct. 17, 2028</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 18, 2024</td>
<td>$52,056,000</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Raleigh Let</td>
</tr>
<tr>
<td>R-2247A</td>
<td>DESIGN BUILD - W-S Northern Beltway - Western Section - from US 158 (S. Stratford Rd) to South of I-40</td>
<td>Oct. 17, 2028</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 17. ,2028</td>
<td>$58,123,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Design Build Let - based on results of P5.0 and priority needs, project added</td>
</tr>
<tr>
<td>R-2247B</td>
<td>DESIGN BUILD - W-S Northern Beltway - Western Section - from South of I-40 to South of US 421 Interchange.</td>
<td>Oct. 19, 2027</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 19, 2027</td>
<td>$68,500,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Design Build Let - to assist in balancing funding, project schedule delayed</td>
</tr>
<tr>
<td>R-2247CA</td>
<td>W-S Northern Beltway, Western Section - Interchange with US 421</td>
<td>Oct. 20, 2026</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 15, 2024</td>
<td>$55,200,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, right-of-way schedule for project accelerated</td>
</tr>
<tr>
<td>R-2247CB</td>
<td>W-S Northern Beltway - N. of US 421 to SR 1314 (Robinson Rd)</td>
<td>Oct. 20, 2026</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 15, 2024</td>
<td>$54,000,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, construction schedule for project delayed</td>
</tr>
<tr>
<td>R-2247D</td>
<td>W-S Northern Beltway - (SR 1314) Robinhood Rd/Meadowlark Dr. to NC 67 (Reynolda Rd)</td>
<td>Oct. 21, 2025</td>
<td>TBD</td>
<td>ROW Acquisition Oct. 21, 2023</td>
<td>$46,400,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, schedule for project delayed</td>
</tr>
<tr>
<td>R-2247EA</td>
<td>W-S Northern Beltway - NC 67 (Reynolda Rd) to South of US 52</td>
<td>Oct. 18, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Jan., 19, 2021</td>
<td>$34,900,000</td>
<td>Laura Sutton, PE</td>
<td>(919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, construction schedule for project delayed</td>
</tr>
<tr>
<td>R-2577A</td>
<td>US 158 (Reidsville Rd, Widen to Multi-lanes North of US 421/ Salem Parkway (previously I-40 Business) to SR 1965 (Belews Creek Rd), in Forsyth County</td>
<td>Oct. 18, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Mar. 20, 2020</td>
<td>$45,400,000</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRDL) - Public meeting was held Oct. 10, 2019. Let date delayed to allow time for R/W acquisition and utililt relocations.</td>
</tr>
<tr>
<td>R-2577B</td>
<td>US 158 (Reidsville Rd), Widen to Multi-lanes from SR 1965 (Belews Creek Rd) in Forsyth Co. to SR 2034 (Anthony Rd) in Guilford Co</td>
<td>Jan. 20, 2026</td>
<td>TBD</td>
<td>ROW Acquisition Jan. 19, 2024</td>
<td>$46,400,000</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRDL)</td>
</tr>
<tr>
<td>R-5789F</td>
<td>ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties</td>
<td>Oct. 28, 2020</td>
<td>TBD</td>
<td>TBD</td>
<td>$2,900,000</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>*Schedule based on Approved 2020-2029 STIP - Division POC Let (DPOC) - ON HOLD</td>
</tr>
<tr>
<td>R-5789G</td>
<td>ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties</td>
<td>Oct. 28, 2020</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>*Schedule based on Approved 2020-2029 STIP - Division POC Let (DPOC) - ON HOLD</td>
</tr>
</tbody>
</table>

W-S MPO Transportation Update
Thursday, November 20, 2020

Page 5 of 10
<table>
<thead>
<tr>
<th>TIP / WBS No.</th>
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<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-2579AA</td>
<td>W-S Northern Beltway, Eastern Section (Future I-74) – I-74 / US 311 to I-40</td>
<td>Sept., 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$91,300,000</td>
<td>TBD</td>
<td>Tati White, PE</td>
<td>(919)707-6342                                                             *Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Right-of-way acquisition is in progress. Combined Public Meeting (U-2579AA/AB) held June 19, 2018. Let date has been delayed 8 months due to funding ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-2579AB</td>
<td>W-S Northern Beltway, Eastern Section (Future I-74) – I-40 to US 421/NC 150 / Salem Parkway</td>
<td>May, 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$235,700,000</td>
<td>TBD</td>
<td>Tati White, PE</td>
<td>(919)707-6342                                                             *Schedule subject to Approved 2020-2029 STIP - Raleigh Let - Right-of-way acquisition is in progress. Combined Public Meeting (U-2579AA/AB) held June 19, 2018. Let date has been delayed 8 months due to funding ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-2579BA</td>
<td>W-S Northern Beltway, Eastern Section (Future I-74) – US 421/NC 150/Salem Parkway to US 158 - Stream Relocation</td>
<td>April 21, 2020</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              Division Design Raleigh Let (DDRL) - pre-engineering phase</td>
</tr>
<tr>
<td>U-2729</td>
<td>Widen SR 1672 (Hanes Mill Rd) to Multi-lanes with curb &amp; gutter, from Museum Dr. to SR 4000 (University Pkwy) in Winston-Salem</td>
<td>June 15, 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$11,600,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              *Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRL) - design underway ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-5536</td>
<td>Construct a new route, Great Wagon Rd, from SR 1001 (Shallowford Rd) to SR 1308 (Lewisville-Vienna Rd) in Lewisville</td>
<td>June 20, 2023</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$12,900,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              *Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRL) - Project Transferred from Town of Lewisville to NCDOT. ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-5760</td>
<td>Kernersville Southern Loop (Phase I) - Widen Big Mill Farm Rd and SR 2649 (Hopkins Rd) to multilanes with sidewalk and bike lanes from south of US 421 / Salem Parkway to NC 66 (West Mountain St) and Construct Interchange at US 421/Salem Parkway.</td>
<td>April 18, 2023</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$19,810,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              *Schedule subject to Approved 2020-2029 STIP - (DDRL) Division Design Raleigh Let - Design in progress ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-5824</td>
<td>Widen NC 66 (Old Hollow Rd) to Multi-lanes, from Harley Dr to Bellaire Cir/Whitehall Village Ln in Walkertown</td>
<td>Feb. 21, 2023</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$16,500,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              *Schedule subject to Approved 2020-2029 STIP - (DDRL) Division Design Raleigh Let - ROW authorized for appraisal ROW Acquisition in progress.</td>
</tr>
<tr>
<td>U-5899</td>
<td>Construct new 2-lane roadway on new location - Forum Parkway Connector, from existing SR 3955 (Forum Parkway) to NC 66 (University Pkwy/Broad St) in Rural Hall.</td>
<td>June 18, 2024</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$10,500,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800                                                              *Schedule subject to Approved 2020-2029 STIP - New project due to additional revenue (HB 97) - (DDRL) Division Design Raleigh Let - Public meeting was held on March 27, 2018 in Rural Hall. Design in process. ROW Acquisition in progress.</td>
</tr>
</tbody>
</table>
## Projects Under Development

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<tr>
<th>TIP / WBS No.</th>
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</tr>
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<tbody>
<tr>
<td><strong>U-6003</strong> 47139.3.1</td>
<td>Construct new 2-lane divided facility with bicycle / pedestrian accommodation on new route, from SR 1969 (Piney Grove Rd) to NC 150 (N. Main St) in Kernersville.</td>
<td>June 21, 2022</td>
<td>TBD</td>
<td>ROW Acquisition in progress</td>
<td>$8,100,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Purchase Order Contract Let (DPOC): Public Meeting held February 22, 2018. Design in progress - ROW acquisition began Nov. 29, 2018</td>
</tr>
<tr>
<td><strong>U-6004</strong> 47139.3.1</td>
<td>SR 1103 (Lewisville-Clemmons Rd) from US 158 (Clemmons Rd) to SR 1891 (S Peace Haven Rd) in Clemmons - includes access management and operational improvements</td>
<td>June 17, 2025</td>
<td>TBD</td>
<td>ROW Acquisition June 30, 2023</td>
<td>$4,290,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Division Design Raleigh Let (DDRL) - Public meeting was held July 10, 2018 for presentation of alternative for median only between I-40 and Stadium Drive. Project limits pending State approval.</td>
</tr>
<tr>
<td><strong>U-6005</strong> 47140.3.1</td>
<td>Widen NC 65 (Bethania-Rural Hall Rd) to multi-lanes, from N. of US 52 to SR 3983 (Northridge Dr) in Rural Hall</td>
<td>June 20, 2023</td>
<td>TBD</td>
<td>ROW Acquisition June 30, 2021</td>
<td>$16,128,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Planning underway. Met with Rural Hall Town Council on May 7, 2018. Public Meeting was held on Thursday, Oct. 4, 2018 at Rural Hall Town Hall.</td>
</tr>
<tr>
<td><strong>U-6059A</strong> 47483.3.2</td>
<td>Replace Bridge 211 on SR 2662 (Linville Rd) over Norfolk Southern Railroad</td>
<td>Aug. 25, 2027</td>
<td>TBD</td>
<td>ROW Acquisition Aug. 30, 2025</td>
<td>$2,723,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP</td>
</tr>
<tr>
<td><strong>U-6059B</strong> 47483.3.3</td>
<td>Upgrade interchange on US 421 at SR 2662 (Linville Road)</td>
<td>UNFUNDED</td>
<td>TBD</td>
<td>ROW Acquisition UNFUNDED</td>
<td>TBD</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7801</td>
<td>*Schedule subject to Approved 2020-2029 STIP</td>
</tr>
<tr>
<td><strong>U-6068</strong> 47493.3.1</td>
<td>Widen US 421/NC 150/ Salem Parkway to 6 lanes from Future I-74 in Kernersville to I-40 in Guilford Co</td>
<td>Jan. 1, 2040</td>
<td>TBD</td>
<td>ROW Acquisition June 21, 2028</td>
<td>$94,971,000</td>
<td>TBD</td>
<td>Laura Sutton, PE (919)707-6030</td>
<td>*Schedule subject to Approved 2020-2029 STIP - to assist in balancing funds, right-of-way schedule delayed and construction status changed to UNFUNDED</td>
</tr>
<tr>
<td><strong>U-6188</strong> 48648.3.1</td>
<td>Widen SR 1969 (Piney Grove Rd) to 3-lanes, from North of Nelson St to SR 2031 (Brown Rd) in Kernersville</td>
<td>Nov. 17, 2026</td>
<td>TBD</td>
<td>ROW Acquisition Nov. 22, 2024</td>
<td>$175,001</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, new project added - DDRL</td>
</tr>
<tr>
<td><strong>U-6189</strong> 48649.3.1</td>
<td>Widen SR 1156 (Lewisville-Clemmons Rd) to 3-lanes with Bicycle and Pedestrian Accommodations, from SR 1103 (Siers Ferry Rd) to SR 1101 (Shallowford Rd) in Lewisville</td>
<td>Feb. 16, 2027</td>
<td>TBD</td>
<td>ROW Acquisition Feb. 28, 2025</td>
<td>$19,100,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, new project added, DDRL</td>
</tr>
<tr>
<td><strong>U-6190</strong> 48650.3.1</td>
<td>Widen NC 65 (Bethania-Rural Hall Rd) to multi-lanes, from SR 1647 (Glade St) to NC 66 in Rural Hall</td>
<td>April 20, 2027</td>
<td>TBD</td>
<td>ROW Acquisition April 30, 2025</td>
<td>$6,200,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - based on results of P5.0, new project added, DDRL</td>
</tr>
</tbody>
</table>
## Transportation Update

**Thursday, November 20, 2020**

### Projects Under Development

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</tr>
</thead>
<tbody>
<tr>
<td>W-5709F 44855.3.6</td>
<td>Intersection Improvements at NC 65 and SR 1956 (Pine Hall Rd) and Curve Improvements on SR 1956 (Pine Hall Rd) approaching intersection with NC 65</td>
<td>Sept. 23, 2020</td>
<td>TBD</td>
<td>ROW Acquisition In progress</td>
<td>$500,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
</tr>
<tr>
<td>W-5709H 44855.3.8</td>
<td>Intersection improvement on SR 4000 (University Parkway) at Cherry Street in Winston-Salem</td>
<td>Nov. 25, 2020</td>
<td>TBD</td>
<td>$450,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>DPOC - Division Purchase Order Contract</td>
</tr>
<tr>
<td>43654 43670</td>
<td>Architectural bridge enhancements on the new US 52 bridges and aesthetic enhancements associated with Salem Creek Connector (U-2925)</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,600,000 and $1,590,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>DDRL - Variety of funding sources – Creative Corridors Coalition, MPO STP/DA, City of W-S, and State Small Construction and Contingency funds.</td>
</tr>
<tr>
<td>48920</td>
<td>Signal construction - SR 2747 (Clemmonsville Rd) at Griffith Rd (NS)</td>
<td>TBD</td>
<td>TBD</td>
<td>$300,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7801</td>
<td>Sept. 2019 BOT Agenda - ON HOLD</td>
</tr>
<tr>
<td>48922</td>
<td>SR 2643 (Union Cross Rd) - widen to three lane typical section between Constantine Cl (NS) and intersection of Union Cross / SR 2640 (Shields Rd/Whicker Rd)</td>
<td>TBD</td>
<td>TBD</td>
<td>$287,358</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7802</td>
<td>Sept 2019 BOT Agenda - ON HOLD</td>
</tr>
</tbody>
</table>

### Locally Administered Projects under Development

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<tr>
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<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-5007 41111.3.1</td>
<td>Replace Bridge #296 over NSRR on West First St. in Winston-Salem</td>
<td>Sept. 30, 2022</td>
<td>TBD</td>
<td>ROW Acquisition Sept. 30, 2020</td>
<td>$700,000</td>
<td>TBD</td>
<td>Daniel Dagenhart</td>
<td>(336)747-7800</td>
</tr>
<tr>
<td>C-5602H</td>
<td>City of Winston-Salem - Meadowlark Drive Improvements - left turn lanes and bike/pedestrian facilities</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem - Construction Authorization has been granted. Asked the City to advertise the project between October 2019 and January 2020. City council request public meeting in the future</td>
</tr>
<tr>
<td>EB-4020C 33974.1.FD3</td>
<td>Brushy Fork Greenway from Lowery St. to Reynolds Park Rd in Winston-Salem</td>
<td>Sept. 30, 2020</td>
<td>TBD</td>
<td>ROW Acquisition in progress</td>
<td>$1,175,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
</tr>
<tr>
<td>EB-5722 50418.3.1</td>
<td>Construct sidewalk on north side of NC 67 (Silas Creek Parkway) to connect existing sections, from Bolton St. to Lockland Avenue in Winston-Salem</td>
<td>May 3, 2021</td>
<td>ROW Acquisition Sept. 30, 2020</td>
<td>$450,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem - $45,000 in PE funded through current STIP, $498,000 in PE funded through MPO STBG allocation. $910,000 in ROW funded through MPO STBG allocation. $450,000 in CON funded through current STIP. Additional $1,372,000 in CON needed in TAP funding (Pending State approval) is needed in order to complete the project. Municipal Agreement has been executed, Consultant has been selected - working on scope.</td>
</tr>
<tr>
<td>EB-5810 44662.3.1</td>
<td>Construction of 760 Linear Foot of Sidewalk on Barbara Jane Avenue from Old Greensboro Road to Woodrow Powel Drive.</td>
<td>Aug. 30, 2020</td>
<td>Aug., 2022</td>
<td>$286,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem - Municipal agreement has been executed</td>
</tr>
<tr>
<td>EB-5812 44664.3.1</td>
<td>Construct new Salem Creek Greenway, Forsyth Technical Community College to existing greenway at Marketplace Mall in Winston-Salem.</td>
<td>Sept. 30, 2022</td>
<td>TBD</td>
<td>$1,500,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem - New project due to additional revenue (HB 97). Funding contingent on receipt of local match commitment from municipality (City of Winston-Salem). Feasibility Study to begin in FFY 19 and conclude in FFY 20. Upon completion city staff will submit an updated PID for State approval. PE and ROW figures TBA.</td>
</tr>
<tr>
<td>EB-5952 48429.3.10</td>
<td>Fairlawn Drive sidewalk project - from NC 67 (Reynolds Rd) to SR 1528 (Silas Creek Parkway) in Winston-Salem</td>
<td>April 1, 2021</td>
<td>TBD</td>
<td>ROW Acquisition Sept. 1, 2020</td>
<td>$1,086,800</td>
<td>TBD</td>
<td>Brett Abernathy, PE</td>
<td>(336)747-7800</td>
</tr>
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<tr>
<td>EB-5953 48429.3.1</td>
<td>Construct sidewalk on SR 4000 (University Parkway) in Forsyth County from SR 1686 (Shattalon Drive) to Robinwood Lane in Winston-Salem</td>
<td>Dec. 1, 2020</td>
<td>TBD</td>
<td>TBD</td>
<td>$730,880</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- project added at MPO request. Municipal agreement has been executed</td>
</tr>
<tr>
<td>EB-5954 48430.3.1</td>
<td>Construct sidewalk on Griffith Road in Forsyth County, from Kimwell Drive to Burke Mill Road in Winston-Salem</td>
<td>Sept. 1, 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$1,888,876</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- project added at MPO request. Municipal agreement has been executed</td>
</tr>
<tr>
<td>EB-5955 48431.3.1</td>
<td>Construct sidewalk on SR 1348 (Robinhood Rd) in Forsyth County, from Speaks Farm Rd to Muddy Creek Greenway in Winston-Salem</td>
<td>May 3, 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$607,084</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- project added at MPO request. Municipal agreement has been executed</td>
</tr>
<tr>
<td>EB-5956 48432.3.1</td>
<td>Install bicycle/pedestrian facilities and construct sidewalk on SR 1992 (Sullivantown Rd) in Forsyth County, from US 311 at Harley Drive to Walkertown Middle/High School in Walkertown.</td>
<td>Aug. 3, 2020</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$630,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- project added at MPO request</td>
</tr>
<tr>
<td>EB-5957 48433.3.1</td>
<td>Construct sidewalks on SR 2648 (Old Winston Road) from existing sidewalk across from Seventh Day Adventists Church parking lot to SR 2649 (Hopkins Rd) in Kernersville</td>
<td>March 1, 2021</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$232,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Town of Kernersville</td>
<td>- project added at MPO request - RFQ for design in progress</td>
</tr>
<tr>
<td>EB-5958 48434.3.1</td>
<td>Construct portion of Blue Heron Trail in Bermuda Run in Forsyth County, from Twins Way (near intersection with US 158) West to Pedestrian Tunnel under I-40 in Bermuda Run</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$2,088,194</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Town of Bermuda Run</td>
<td>- project added at MPO request - environmental document complete - completing PE and ROW</td>
</tr>
<tr>
<td>EB-5959 48435.3.1</td>
<td>Construct sidewalk on SR 3000 (Idols Rd) from SR 1103 (Middlebrook Drive) to Tanglewood Park Rd in Clemmons</td>
<td>Sept. 30, 2021</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,102,750</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- project added at MPO request - on hold</td>
</tr>
<tr>
<td>EB-5960 48449.3.1</td>
<td>Construct sidewalks and crosswalks on SR 1101 (Harper Rd) in Forsyth County, where gaps exist between Jerry Long YMCA on Peace Haven Rd to roundabout, West of Frank Morgan Elementary School in Clemmons</td>
<td>Aug. 30, 2021</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,251,250</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Village of Clemmons</td>
<td>- project added at MPO request - on hold</td>
</tr>
<tr>
<td>U-4741NB 39745.3.25</td>
<td>Kerner Mill Creek Greenway and West Mountain St sidewalk</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,442,829</td>
<td>Brett Abernathy, PE (336)747-7799</td>
<td>(Non-DOT let) Town of Kernersville</td>
<td>- ROW Acquisition pending NCDOT review</td>
</tr>
<tr>
<td>U-4741OJ 39745.3.27</td>
<td>Construct sidewalk along NC 65 from Runningbrook Lane to Norvase Street in Rural Hall</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$900,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Town of Rural Hall</td>
<td>- project is being taken down</td>
</tr>
<tr>
<td>U-4741OK 39745.3.28</td>
<td>Winston-Salem - Piedmont Regional Greenway</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,200,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) City of Winston-Salem</td>
<td>- Design in progress - easements acquired</td>
</tr>
<tr>
<td>U-4741PE 39745.3.30</td>
<td>Clemmons sidewalk and greenway connector project - construct sidewalks along US 158 from SR 1103 (Middlebrook Drive) to Harper Road in Clemmons and construct Yadkin River Greenway Connector (Phase I)</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$1,850,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Village of Clemmons</td>
<td>utility relocation in progress</td>
</tr>
<tr>
<td>U-4741PG 39745.3.77</td>
<td>Harper Road sidewalk from I-40 to Frank Morgan Elementary</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>$664,000</td>
<td>Brett Abernathy, PE (336)747-7800</td>
<td>(Non-DOT let) Village of Clemmons</td>
<td></td>
</tr>
</tbody>
</table>
### Locally Administered Projects under Development

<table>
<thead>
<tr>
<th>TIP / WBS No.</th>
<th>Description</th>
<th>Let Date</th>
<th>Completion Date</th>
<th>Status</th>
<th>Construction Cost</th>
<th>Contractor</th>
<th>Project Administrator</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-559A 50099.3.2</td>
<td>Streetscape Improvement project on SR 4394 (US 311/Martin Luther King Jr., Dr) in Winston-Salem</td>
<td>Dec. 31, 2020</td>
<td>TBD</td>
<td>ROW Acquisition</td>
<td>$2,740,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE  (336)747-7800</td>
<td>*Schedule subject to Approved 2020-2029 STIP - Non-DOT let - City of Winston-Salem - review of lighting complete- lighting portion of project is the only part to be done before Business 40 is complete - project on hold</td>
</tr>
<tr>
<td>U-561 47082.3.1</td>
<td>Improve roundabouts East and West of bridge over US 421 on SR 1173 (Williams Rd); Widen to multi-lanes from roundabout East of bridge to West of roundabout at SR 1001 (Shallowford Rd) with sidewalks on both sides.</td>
<td>July 30, 2020</td>
<td>TBD</td>
<td>ROW Acquisition in progress</td>
<td>$1,494,680</td>
<td>TBD</td>
<td>Brett Abernathy, PE  (336)747-7800</td>
<td>* Schedule subject to Approved 2020-2029 STIP - Non-DOT let - Town of Lewisville - Planning / Design / ROW / Construction by Town of Lewisville - Authorization for ROW has been approved and granted.</td>
</tr>
<tr>
<td>U-6154 48436.3.1</td>
<td>Convert existing signalized intersection to a single-lane roundabout at SR 1308 (Lewisville-Vienna Rd) and SR 1548 (Robinsonhood Road) in Lewisville</td>
<td>May 31, 2021</td>
<td>TBD</td>
<td>ROW Acquisition Dec. 31, 2020</td>
<td>$1,270,000</td>
<td>TBD</td>
<td>Brett Abernathy, PE  (336)747-7800</td>
<td>* Schedule subject to Approved 2020-2029 STIP - Non-DOT let - Town of Lewisville - Municipal agreement has been executed</td>
</tr>
<tr>
<td>U-6155 48437.3.1</td>
<td>Construct intersection improvements for pedestrian safety at SR 1725 (University Parkway) and Coliseum Drive in Winston-Salem</td>
<td>Aug. 31, 2021</td>
<td>TBD</td>
<td>ROW Acquisition July 20, 2020</td>
<td>$281,250</td>
<td>TBD</td>
<td>Brett Abernathy, PE  (336)747-7801</td>
<td>* Schedule subject to Approved 2020-2029 STIP - Non-DOT let - City of Winston-Salem - Municipal Agreement has been executed</td>
</tr>
</tbody>
</table>

### Bridge Replacement/Bridge Preservation Projects under Development

<table>
<thead>
<tr>
<th>TIP / WBS No.</th>
<th>Description</th>
<th>Let Date</th>
<th>Completion Date</th>
<th>Status</th>
<th>Construction Cost</th>
<th>Contractor</th>
<th>Project Administrator</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>17BP.9.R.43</td>
<td>Replace Bridge No. 261 over Mill Creek on SR 1525 (Yadkinville Rd)</td>
<td>Feb. 28, 2024</td>
<td>TBD</td>
<td>ROW Acquisition Aug. 28, 2023</td>
<td>$1,800,000</td>
<td>TBD</td>
<td>Daniel Dagenhart (336)747-7800</td>
<td>In Design - Not ready for construction.</td>
</tr>
<tr>
<td>17BP.9.R.95</td>
<td>Replace Bridge #241 over South Fork of Muddy Creek on SR 3011 (Old Salisbury Rd) in Forsyth Co.</td>
<td>May 24, 2023</td>
<td>TBD</td>
<td>ROW Acquisition Dec. 1, 2022</td>
<td>$2,000,000</td>
<td>TBD</td>
<td>Daniel Dagenhart (336)747-7800</td>
<td>In Design - Scoped with Firm Dec. 3, 2018</td>
</tr>
<tr>
<td>17BP.9.R.102  (Old B-4509)</td>
<td>Replace Bridge #210 over Salem Creek on SR 2377 (Old Greensboro Rd) in Kernersville</td>
<td>Feb. 22, 2023</td>
<td>TBD</td>
<td>ROW Acquisition Aug. 22, 2022</td>
<td>$1,400,000</td>
<td>TBD</td>
<td>Daniel Dagenhart (336)747-7800</td>
<td>Preparing to Scope the project and construct the bridge.</td>
</tr>
<tr>
<td>17BP.9.R.103</td>
<td>Replace Bridge #110 over US 421 on SR 1301 (Scott Rd) in Forsyth Co.</td>
<td>Oct. 11, 2023</td>
<td>TBD</td>
<td>ROW Acquisition April 11, 2023</td>
<td>$2,500,000</td>
<td>TBD</td>
<td>Daniel Dagenhart (336)747-7800</td>
<td>In Design - Scoped with design firm on Feb. 28, 2019</td>
</tr>
</tbody>
</table>

### Completed Projects

<table>
<thead>
<tr>
<th>TIP / WBS No.</th>
<th>Description</th>
<th>Let Date</th>
<th>Completion Date</th>
<th>Status</th>
<th>Construction Cost</th>
<th>Contractor</th>
<th>Project Administrator</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-5771 45727.3.1 (D00196)</td>
<td>Replace Bridge #16 on SR 1611 (Main St) over Muddy Creek in Bethania</td>
<td>May 23, 2018</td>
<td>May 10, 2019 (perm. veg. by Nov. 6, 2019)</td>
<td>99% Complete</td>
<td>$1,289,558</td>
<td>James R Vannoy &amp; Sons Constr. Co, Inc</td>
<td>Jeremy Guy, PE  (336)747-7900</td>
<td>The bridge was reopened to traffic 5/10/19. All work is complete. Waiting on sufficient vegetation to close the contract out.</td>
</tr>
<tr>
<td>55952 45901.3.1 (C204175)</td>
<td>Pavement Rehabilitation of I-40 (7.4 miles) from SR 1101 (Harper Rd) in Clemmons to East of US 421/Salem Parkway in Winston-Salem</td>
<td>Nov. 20, 2018</td>
<td>Oct. 1, 2020</td>
<td>100% Complete</td>
<td>$17,558,977</td>
<td>Sharpe Brothers, Inc.</td>
<td>Jeremy Guy, PE  (336)747-7900</td>
<td>The project is complete and all punchlist items have been accepted. The contractor is in the process of removing all the advanced workzone signs.</td>
</tr>
<tr>
<td>2020CPT.09.13.20 342</td>
<td>Asphalt Surface Treatment (AST) on (154 Sections of various Secondary roads (39.19 miles) in Forsyth County</td>
<td>Oct. 10, 2018</td>
<td>Oct. 15, 2019</td>
<td>100% Complete</td>
<td>$1,226,106</td>
<td>Whitehurst Paving Co., Inc.</td>
<td>Jeremy Guy, PE  (336)747-7800</td>
<td>Work began on June 13, 2019 and the contractor has completed all of the AST sealing on all maps. Contract is complete.</td>
</tr>
</tbody>
</table>
Air Quality Notes:

- Additional CMAQ Support
  - The FHWA is continuing to develop a series of tools to provide technical support for the implementation of the CMAQ Program.
  - This CMAQ Emission Reductions Calculator is offered as an additional resource to assist DOTs, MPOs, and project sponsors in the project justification process.
  - All modules are available on the FHWA [CMAQ Emissions Calculator Toolkit webpage](http://www.fhwa.dot.gov).
  - Please contact Mark Glaze at mark.glaze@dot.gov or (202) 366-4053.

- Training Available
  - The National Transit Institute (NTI) is offering in-person training opportunities covering its “Introduction to Transportation Conformity” course.
  - This 2.5 day course will present basic information about conformity requirements and the relationship of the transportation and air quality planning processes in order to prepare agency staff (Federal, State and local) to participate in interagency consultation and work effectively in resolving conformity issues.
  - For more information, please visit the [NTI registration website](http://www.nti.org).

Air Quality Report:

- Comparing Ozone and Particle Pollution Data Last 10 years
  - # of days in respective category

<table>
<thead>
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<th>Year</th>
<th>GREEN</th>
<th>YELLOW</th>
<th>ORANGE or higher</th>
</tr>
</thead>
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<td>2005</td>
<td>181</td>
<td>175</td>
<td>9</td>
</tr>
<tr>
<td>2006</td>
<td>186</td>
<td>171</td>
<td>8</td>
</tr>
<tr>
<td>2007</td>
<td>201</td>
<td>156</td>
<td>8</td>
</tr>
<tr>
<td>2008</td>
<td>217</td>
<td>133</td>
<td>16</td>
</tr>
<tr>
<td>2009</td>
<td>270</td>
<td>94</td>
<td>1</td>
</tr>
<tr>
<td>2010</td>
<td>230</td>
<td>123</td>
<td>12</td>
</tr>
<tr>
<td>2011</td>
<td>247</td>
<td>110</td>
<td>8</td>
</tr>
<tr>
<td>2012</td>
<td>273</td>
<td>85</td>
<td>7</td>
</tr>
<tr>
<td>2013</td>
<td>252</td>
<td>112</td>
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<tr>
<td>2014</td>
<td>222</td>
<td>143</td>
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<tr>
<td>2015</td>
<td>271</td>
<td>93</td>
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<td>2016</td>
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<td>2017</td>
<td>248</td>
<td>116</td>
<td>1</td>
</tr>
<tr>
<td>2018</td>
<td>239</td>
<td>123</td>
<td>3</td>
</tr>
<tr>
<td>2019</td>
<td>229</td>
<td>136</td>
<td>0</td>
</tr>
</tbody>
</table>
In 2019, medical students from Wake Forest Baptist/Bowman Gray School of Medicine started a clinic focused on providing health screenings at various locations around the city of Winston-Salem. Ms. Nicole Pablo, the clinic outreach co-director, approached WSTA in Spring 2019 to start providing the health screenings at the Clark Campbell Transportation Center for WSTA passengers and the general public. Their health stations include the DEAC Mobile, a vehicle stocked with medical supplies to conduct glucose and hypertension monitoring, cholesterol checks and medical counseling, should it be necessary.

The monthly screenings are perfect for quite a few people who do not have health insurance. They take advantage of the opportunity for the regular health checkups. WSTA is excited to be a part of helping our community through partnerships that will benefit the public and the ridership of the Winston-Salem Transit Authority. Go Deacs!
WSTA’s Safe Bus Replica will be on display at the NC Transportation Museum in February 2020

WSTA is proud to share the story of the Safe Bus Company at almost any opportunity that is presented. From February through March 2019 the Safe Bus vehicle was on display for visitors to enjoy and learn about the company as part of an exhibit by the NC Transportation Museum.

Once again this year, the replica of the 1968 Safe Bus Company GMC bus will be on display at the Transportation Museum in Spencer, NC during Black History Month.

The topic of conversations on social media, radio/television & newspaper interviews, the story of the Safe Bus Company is one that reflects the rich history of the world’s only African-American owned public transit system from 1926—1972. The Safe Bus Company was considered the foundation for the Winston Salem Transit Authority, which took over operation of the public transit system in Winston-Salem in 1972.

Anyone wanting to share a great day with family and friends during Black History Month is urged to take a 45-minute ride to Spencer and enjoy a tour of the great exhibits on display at the NC Transportation Museum.

WSTA staff participate on various committees in anticipation of the 2020 Census Campaign

WSTA staff members, Tikiha Alston, Donna Woodson and Tina Carson-Wilkins are serving on committees developed to encourage all citizens in Winston-Salem and Forsyth County to complete their census forms. The local campaign, “Winston-Salem Counts” is the brainchild of City Councilman Dee Dee Adams, who represents the North Ward in Winston-Salem.

Alston serves on the Hard to Count Committee, which is tasked with finding ways of reaching the population who may be difficult to find. The goal is to count all community residents during the census process, particularly those who are nomadic

Woodson and Carson-Wilkins serve on the Government Committee, responsible for finding ways to inform/educate the general public about the upcoming census campaign. WSTA also placed signs on the fixed route buses to advertise open positions as census takers. The Census Bureau is hoping to hire approximately 500 people to work in and around our community.

WSTA’s Upcoming Calendar of Events

February 2020 - Safe Bus on display at the NC Transportation Museum
March 18 - National Professional Transit Operators Appreciation Day
April 16 - National Get On Board Public Transportation Day
May 24 - WSTA Employee Safety/Service Appreciation Day
July 10 – WSTA’s 16th Annual Accessible Festival Mardi Gras Party
Top 20 PART Express Stops - In Session Season 2019 (Aug, Sept, Oct)

<table>
<thead>
<tr>
<th>Stop Name / Location</th>
<th>Seasonal Ranking</th>
<th>Current</th>
<th>Previous</th>
<th>Avg. Daily Boardings</th>
<th>Served by Route</th>
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</thead>
<tbody>
<tr>
<td>Coble Transportation Center</td>
<td>1</td>
<td>1</td>
<td></td>
<td>662.98</td>
<td>1, 2, 3, 4, 17, 20, 21, 22, 23, 27</td>
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<tr>
<td>Greensboro Depot Slip 16</td>
<td>2</td>
<td>2</td>
<td></td>
<td>259.23</td>
<td>2, 4, 10</td>
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<td>Winston-Salem Transportation Center</td>
<td>3</td>
<td>3</td>
<td></td>
<td>156.35</td>
<td>1, 5, 6, 17, 28</td>
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<tr>
<td>High Point Terminal (Outer Slip)</td>
<td>4</td>
<td>4</td>
<td></td>
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<td>3, 9</td>
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<tr>
<td>Mebane Cone Health Park &amp; Ride</td>
<td>5</td>
<td>5</td>
<td></td>
<td>51.15</td>
<td>4</td>
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<tr>
<td>Four Seasons Mall</td>
<td>6</td>
<td>6</td>
<td></td>
<td>46.28</td>
<td>2, 4</td>
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<tr>
<td>Manning Dr at UNC Hospitals</td>
<td>7</td>
<td>7</td>
<td></td>
<td>40.09</td>
<td>4</td>
</tr>
<tr>
<td>High Point Amtrak Station</td>
<td>8</td>
<td>9</td>
<td></td>
<td>30.63</td>
<td>5</td>
</tr>
<tr>
<td>4th &amp; Chestnut</td>
<td>9</td>
<td>10</td>
<td></td>
<td>27.03</td>
<td>1, 17</td>
</tr>
<tr>
<td>Ambulatory Care Center</td>
<td>10</td>
<td>14</td>
<td></td>
<td>25.94</td>
<td>4</td>
</tr>
<tr>
<td>Mount Airy Park &amp; Ride</td>
<td>11</td>
<td>13</td>
<td></td>
<td>23.22</td>
<td>6</td>
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<tr>
<td>Graham Park &amp; Ride</td>
<td>12</td>
<td>8</td>
<td></td>
<td>20.68</td>
<td>4</td>
</tr>
<tr>
<td>Alamance Regional Medical Center</td>
<td>13</td>
<td>11</td>
<td></td>
<td>18.73</td>
<td>4</td>
</tr>
<tr>
<td>Columbia &amp; Rosemary</td>
<td>14</td>
<td>24</td>
<td></td>
<td>18.24</td>
<td>4</td>
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<tr>
<td>Freeman Mill &amp; Florida (West)</td>
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<td>16</td>
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<td>17.47</td>
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</tr>
<tr>
<td>Alamance Community College Centennial &amp; Charlotte (Northbound)</td>
<td>16</td>
<td>20</td>
<td></td>
<td>16.79</td>
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</tr>
<tr>
<td>Baptist Medical Center (Meads Hall)</td>
<td>17</td>
<td>18</td>
<td></td>
<td>16.17</td>
<td>3</td>
</tr>
<tr>
<td>Hwy 68 N &amp; Sutton Way (La Fiesta)</td>
<td>18</td>
<td>15</td>
<td></td>
<td>15.89</td>
<td>6, 17, 18</td>
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<tr>
<td>E Washington &amp; Eugene</td>
<td>19</td>
<td>17</td>
<td></td>
<td>13.26</td>
<td>3</td>
</tr>
</tbody>
</table>

December PART Express Ridership totaled 34,650 (27% Increase over last Dec)

- TouchPass Users: 923
- TouchPass Smartcard Users: 1,373
- Mobile App Users: TouchPass

PART Express Operator of the Month
Congrats to our longest tenured driver, James (JW) Gilley, who has been with us going on 18 years, since PART Express started! Thanks for all you do to keep things running smoothly.

In The Region
- Participate in the 2030 Downtown Greensboro Vision
- Burlington Metro Leads Growth in the Triad
- Join the GTA Scavenger Hunt to win prizes

Stay Connected
www.PARTNC.org
336.883.7278
contactus@partnc.org

Bus Tracking App
PART Express Customer Satisfaction Survey Results

PART conducted our yearly Customer Satisfaction Survey October 7th through November 1st. There were 287 completed surveys. There were 22 questions including demographic questions. Below are some of the results.

How would you rate your level of satisfaction with PART?

- **Highly satisfied**: 89.8%
- **Somewhat satisfied**: 8.8%
- **Satisfied**: 3.4%
- **Somewhat dissatisfied**: 0.7%
- **Highly dissatisfied**: 0.7%

What do you hope to see regarding PART bus system?

- Benches at Bus Stops: 20%
- Shelters at bus stops: 17%
- 30-Minute Service All Day (Rt 1,2,3): 12%
- 30-Minute Service Rt 1,2,3: 12%
- Sunday Service 1,2,3: 30%
- Regional Fare/Pass: 21%

How long have you used PART Services?

- Less than 6 months: 27%
- 6 mo-1 year: 20%
- 1-3 years: 14%
- 3-5 years: 12%
- 5 years or more: 28%

32% New this year

Are you currently using TouchPass?

- Smartcard: 36%
- Mobile app: 23%
- No: 41%

77% Have Transitioned to Use TouchPass!

General Comments

With the extended hours I can now comfortably apply to jobs outside of my city knowing I can get to and from work with ease issues.

Riding PART is relaxing, reliable and saves me gas money. Also, it is usually fun with nice people to chat with.

It’s comfortable and convenient. WiFi & charging access are plus!

I like riding the bus because I don’t have to worry with the stress of driving. It is very economical and I get to work while on the bus in the morning.

I ride from WS to CTC and arrive relaxed because I can snooze or read instead of dealing with traffic. Because I qualify for the half price fare, I can ride for 31 days for about the same amount I would spend on gas for one week.

It is the most practical way for me to get to work!

Drivers are always friendly and helpful.

I am very grateful for PART Express. The service is great!
Updates for February 2020

Share the Ride NC at Surry Community College

Colleges and Universities across the Piedmont Triad have been aligning with PART to develop Share the Ride NC Carpooling sub-sites for their institutions. PART helps with promoting the program to students as well. Surry Community College has recently joined into this initiative and will go live with their site in the coming months to help address transportation to campus.

Current STRNC partnerships include: Alamance Community College, Davidson Community College, Elon University, Wake Forest University, Forsyth Technical Community College, Guilford College, University at NC Greensboro, Guilford Technical Community College, and High Point University.

PART Selected as Winner in 2020 APTA Photo Invitational

The American Public Transportation Association recently announced its selection of 12 winners for the 2020 Photo Invitational which will be shared one at a time as APTA’s “Photo of the month” in Passenger Transport, on APTA’s social media accounts, at APTA.com, and on the walls of APTA’s DC headquarters. The winning photo is ---->

Presented to Forsyth County Hotel Association

Thanks to the Forsyth County Hotel Association for having PART present at their monthly meeting.

Brooke Kochanski, PART Manager of Marketing, gave an update on Business 40 Mitigation and the impact PART services have made including reducing vehicles that travel into Downtown Winston-Salem during the closure!

View more information at www.partnc.org/biz40
Updates for February 2020

PART Express Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Qtr 1</th>
<th>Qtr 2</th>
<th>Qtr 3</th>
<th>Qtr 4</th>
</tr>
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<tbody>
<tr>
<td>2016</td>
<td></td>
<td></td>
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<tr>
<td>2017</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Piedmont Transit Resources Call Center

Quarterly Call Volume

In December the Piedmont Triad Resources Call Center had 7,788 presented calls.

FEATURED ROUTE OF THE MONTH - ROUTE 5

Route 5 NC Amtrak Connector provides a link between Winston-Salem and High Point for passengers needing access to the train. This service has been provided since 2004 by a partnership with North Carolina Department of Transportation. You do not have to be a train passenger to ride the service, it is open to the general public for riding as well. Visit www.partnc.org/route5 for more info.

Miles Round Trip - 41
# of Stops - 3
Travel Time (One Way) - 45 mins
Transit Connections - WSTA, Greyhound, Baptist Shuttle, WFU Downtown Shuttle, Trans Aid, WSSU Rams Shuttle, High Point Transit
Connecting Communities
Winston-Salem to High Point

The program gives passengers on the NC Rail/Amtrak Raleigh-to-Charlotte (Piedmont train) the option of a free pass to help them reach their final destination through public transportation.
DCTS February 2020 MPO Update

- **January Rider Statistics.** 32% increase in riders over January 2019.

- **New Sponsor.** Novant Health has agreed to become a Sponsor of a DCTS bus starting in March 2020. The bus will operate primarily on the GREEN Route.

- **Bus Stop Improvement Project.** Planning has begun for improvements to bus stops in Lexington. The project will be a partnership with the City of Lexington is dependent on a STBG-DA funding opportunity through the WSMPO.

### TOP THREE STOPS PER ROUTE

**YTD FY2020 through 1/31/2020**

<table>
<thead>
<tr>
<th>Route</th>
<th>Top Three Stops</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED Route</td>
<td>DC Admin Building&lt;br&gt;Thomasville Walmart&lt;br&gt;James Ave Apartments</td>
</tr>
<tr>
<td>GREEN Route</td>
<td>DC Admin Building&lt;br&gt;DCCC&lt;br&gt;Doak Court Apartments</td>
</tr>
<tr>
<td>BLUE Route</td>
<td>DCTS Hub&lt;br&gt;Lexington Walmart&lt;br&gt;Crisis Ministry</td>
</tr>
<tr>
<td>ORANGE Route</td>
<td>DCTS Hub&lt;br&gt;DCCC&lt;br&gt;Big Lots</td>
</tr>
</tbody>
</table>

### January 2020

<table>
<thead>
<tr>
<th>Route</th>
<th>Riders</th>
<th>%</th>
<th>Ave/Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>2,010</td>
<td>12.74%</td>
<td>96</td>
</tr>
<tr>
<td>GREEN</td>
<td>3,405</td>
<td>21.58%</td>
<td>162</td>
</tr>
<tr>
<td>BLUE</td>
<td>5,915</td>
<td>37.49%</td>
<td>282</td>
</tr>
<tr>
<td>ORANGE</td>
<td>4,120</td>
<td>26.11%</td>
<td>196</td>
</tr>
<tr>
<td>Thomasville Saturday</td>
<td>329</td>
<td>2.09%</td>
<td>82</td>
</tr>
<tr>
<td>Totals</td>
<td>15,779</td>
<td>100.00%</td>
<td>818</td>
</tr>
</tbody>
</table>

### January 2019

<table>
<thead>
<tr>
<th>Route</th>
<th>Riders</th>
<th>%</th>
<th>Ave/Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED</td>
<td>2,057</td>
<td>17.16%</td>
<td>82</td>
</tr>
<tr>
<td>GREEN</td>
<td>2,029</td>
<td>16.93%</td>
<td>81</td>
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<tr>
<td>BLUE</td>
<td>4,921</td>
<td>41.06%</td>
<td>197</td>
</tr>
<tr>
<td>ORANGE</td>
<td>2,657</td>
<td>22.17%</td>
<td>106</td>
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<tr>
<td>Thomasville Saturday</td>
<td>321</td>
<td>2.68%</td>
<td>13</td>
</tr>
<tr>
<td>Totals</td>
<td>11,985</td>
<td>100.00%</td>
<td>479</td>
</tr>
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</table>

+-/- from previous year 31.66%
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Location</th>
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<tbody>
<tr>
<td>February 20(^{\text{st}},) 2020</td>
<td>Regular meeting of the TAC and TCC</td>
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<tr>
<td>March 19(^{\text{th}},) 2020</td>
<td>Regular meeting of the TAC and TCC</td>
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<tr>
<td>April 21(^{\text{st}} – 24(^{\text{th}}), 2020</td>
<td>NCAMPO Conference, 2020</td>
<td>Greenville Convention Center</td>
</tr>
<tr>
<td></td>
<td></td>
<td>303 Greenville Blvd, SW</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Greenville NC</td>
</tr>
<tr>
<td></td>
<td>General Information: <a href="https://www.ncampo.org/ncampo-2020-conference/">https://www.ncampo.org/ncampo-2020-conference/</a></td>
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<td>May 21(^{\text{st}},) 2020</td>
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<td>September 17(^{\text{th}},) 2020</td>
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<td>November 19(^{\text{th}},) 2020</td>
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ACRONYMS
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<tr>
<th><strong>ACRONYM</strong></th>
<th><strong>CORRESPONDING TERM</strong></th>
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<tbody>
<tr>
<td>AA</td>
<td>Alternatives Analysis</td>
</tr>
<tr>
<td>AADT</td>
<td>Annual Average Daily Traffic</td>
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<tr>
<td>AASHTO</td>
<td>American Association of State and Highway Transportation Officials</td>
</tr>
<tr>
<td>ACTT</td>
<td>Accelerated Construction Technology Transfer</td>
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<tr>
<td>ADA</td>
<td>Americans with Disabilities Act</td>
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<tr>
<td>ADT</td>
<td>Average Daily Traffic</td>
</tr>
<tr>
<td>AFV</td>
<td>Alternative Fuel Vehicle</td>
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<tr>
<td>AICP</td>
<td>American Institute of Certified Planners</td>
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<td>AMPO</td>
<td>Association of Metropolitan Planning Organizations</td>
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<td>APTA</td>
<td>American Public Transportation Association</td>
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<tr>
<td>AQCDR</td>
<td>Air Quality Conformity Determination Report</td>
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<td>AQI</td>
<td>Air Quality Index</td>
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<td>ARID</td>
<td>Attribute Road Inventory Database</td>
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<td>ASLA</td>
<td>American Society of Landscape Architects</td>
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<tr>
<td>AVL</td>
<td>Automatic Vehicle Locator</td>
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<tr>
<td>B/C</td>
<td>Benefit/Cost Ratio</td>
</tr>
<tr>
<td>BGMPO</td>
<td>Burlington-Graham Metropolitan Planning Organization</td>
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<tr>
<td>BMP</td>
<td>Best Management Practices</td>
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<tr>
<td>CAA/CAAA</td>
<td>Clean Air Act/Clean Air Act Amendments of 1990</td>
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<tr>
<td>CAD</td>
<td>Computer Assisted Design</td>
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<td>CBD</td>
<td>Central Business District</td>
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<td>C³</td>
<td>Creative Corridors Coalition</td>
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<td>CCPB</td>
<td>City-County Planning Board</td>
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<tr>
<td>CDP</td>
<td>Census Designated Place</td>
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<tr>
<td>CE</td>
<td>Categorical Exclusion</td>
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<td>CEI</td>
<td>Construction Engineering and Inspection Services</td>
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<td>CERCLA</td>
<td>Comprehensive Environmental Response, Compensation &amp; Liability Act</td>
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<td>Code of Federal Regulations</td>
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<td>CIA</td>
<td>Community Impact Assessment</td>
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<td>Capital Improvements Program</td>
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<td>CMAQ</td>
<td>Congestion Mitigation and Air Quality Program</td>
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<td>Congestion Management Processes/System</td>
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<td>Carbon Monoxide</td>
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<td>CSS/CSD</td>
<td>Context Sensitive Solutions/Context Sensitive Design</td>
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<tr>
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<td>Comprehensive Transportation Plan</td>
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<td>(North Carolina) Division of Air Quality (Division of NCDENR)</td>
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<tr>
<td>DENR/NCDENR</td>
<td>(North Carolina) Department of Environment &amp; Natural Resources</td>
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<td>DBE</td>
<td>Disadvantaged Business Enterprise</td>
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<td>DHV</td>
<td>Design Hour Volume</td>
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<td>DMU</td>
<td>Diesel Multiple Unit</td>
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<td>EAC</td>
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<td>EIS/EA</td>
<td>Environmental Impact Statement/Environmental Assessment</td>
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<td>Environmental Justice</td>
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<td>(United States) Environmental Protection Agency</td>
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<td>Executive Order</td>
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<td>FAA</td>
<td>Federal Aviation Administration</td>
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<td>FAST Act</td>
<td>Fixing America’s Surface Transportation Act (of 2015)</td>
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<td>FAQs</td>
<td>Frequently Asked Questions</td>
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<td>FCAC</td>
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<td>FCOEAP</td>
<td>Forsyth County Office Environmental Assistance and Protection</td>
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<tr>
<td>Abbreviation</td>
<td>Definition</td>
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<td>FFC</td>
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<td>FFY</td>
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<td>Geographic Information System</td>
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<td>Greensboro Urban Area Metropolitan Planning Organization</td>
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<td>Highway Capacity Manual</td>
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<td>HOT</td>
<td>Heart of the Triad</td>
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<td>HOT Lanes</td>
<td>High Occupancy Toll Lanes</td>
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<td>High Occupancy Vehicle</td>
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<td>HPMPO</td>
<td>High Point Metropolitan Planning Organization</td>
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<td>HPMS</td>
<td>Highway Performance Monitoring System</td>
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<td>HSIP</td>
<td>Highway Safety Improvement Program</td>
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<td>I/M</td>
<td>Inspection/Maintenance Program</td>
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<td>ITEA</td>
<td>Intermodal Surface Transportation Efficiency Act</td>
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<tr>
<td>ITE</td>
<td>Institute of Transportation Engineers</td>
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<tr>
<td>ITS</td>
<td>Intelligent Transportation Systems</td>
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<tr>
<td>IVHS</td>
<td>Intelligent Vehicle Highway Systems</td>
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<td>JARC</td>
<td>Job Access and Reverse Commute Program</td>
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<td>LEDPA</td>
<td>Least Environmentally Damaging Preferred Alternative</td>
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<td>Leadership in Energy and Environmental Design</td>
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<td>LEP</td>
<td>Limited English Proficiency</td>
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<tr>
<td>LGE</td>
<td>Local Government Entity</td>
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<tr>
<td>LPM</td>
<td>Local Program Manager or Management</td>
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<tr>
<td>LPMO</td>
<td>Local Program Management Office</td>
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<td>LOS</td>
<td>Level of Service</td>
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<tr>
<td>LOTTR</td>
<td>Letter of Travel Time Reliability</td>
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<td>LPA</td>
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<td>LRT</td>
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<td>LRTP</td>
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<tr>
<td>MAB</td>
<td>Metropolitan Area Boundary</td>
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<td>MAC</td>
<td>Metro Activity Center</td>
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<td>MAP-21</td>
<td>Moving Ahead for Progress in the 21st Century</td>
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<tr>
<td>MIS</td>
<td>Major Investment Study</td>
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<tr>
<td>MLI</td>
<td>Minority and Low Income (Populations)</td>
</tr>
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<td>MOA</td>
<td>Memorandum of Agreement</td>
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<td>MOU</td>
<td>Memorandum of Understanding</td>
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<td>MPO</td>
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<td>Metropolitan Statistical Area</td>
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<td>Manual on Uniform Traffic Control Devices</td>
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<td>NCARPO</td>
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<td>NCBOT</td>
<td>North Carolina Board of Transportation</td>
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<td>NCDAO</td>
<td>North Carolina Division of Air Quality</td>
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<tr>
<td>NCDENR</td>
<td>North Carolina Dept. of Environment &amp; Natural Resources</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>NCDOT</td>
<td>North Carolina Department of Transportation</td>
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<tr>
<td>NCSITE</td>
<td>North Carolina Section of the Institute of Transportation Engineers</td>
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<tr>
<td>NEI</td>
<td>National Emission Inventory</td>
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<td>NEPA</td>
<td>National Environmental Protection Act</td>
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<tr>
<td>NHS</td>
<td>National Highway System</td>
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<tr>
<td>NLEB</td>
<td>Northern Long-Eared Bat</td>
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<tr>
<td>NOx</td>
<td>Nitrogen Oxide</td>
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<td>NTD</td>
<td>National Transit Database</td>
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<tr>
<td>OCT</td>
<td>Overall Contract Time</td>
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<tr>
<td>O/D</td>
<td>Origin/Destination</td>
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<tr>
<td>PART</td>
<td>Piedmont Authority for Regional Transportation</td>
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<td>PDB</td>
<td>Program Development Branch (of NCDOT)</td>
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<tr>
<td>PDS</td>
<td>Planning and Development Services (City-County Planning &amp; Inspections)</td>
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<tr>
<td>PE</td>
<td>Professional Engineer or Preliminary Engineering</td>
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<td>PEDA</td>
<td>Project Development and Environmental Analysis Branch (of NCDOT)</td>
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<td>PEF</td>
<td>Private or Professional Engineering Firm</td>
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<td>PIDS</td>
<td>Project Information Data Sheet</td>
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<tr>
<td>PL Funds</td>
<td>Funds for transportation planning designed under Public Law 93-87, the Federal Highway Act of 1973</td>
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<td>Particulate Matter 2.5 Microns in Size</td>
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<td>Program of Projects</td>
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<td>PPP or P³</td>
<td>Public Participation Policy</td>
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<td>PS&amp;E</td>
<td>Plans, Specifications &amp; Engineering or Estimates</td>
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<td>PTD</td>
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<td>PTRC</td>
<td>Piedmont Triad Regional Council</td>
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<td>PTRM</td>
<td>Piedmont Triad Regional Model</td>
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<td>Real Estate Disclosure form</td>
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<td>RFP/RFQ</td>
<td>Request for Proposals/Request for Qualifications</td>
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<td>ROD</td>
<td>Record of Decision</td>
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<td>ROW</td>
<td>Right of Way</td>
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<td>RPO</td>
<td>Rural Planning Organization</td>
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<td>SA</td>
<td>Supplemental Agreement</td>
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<td>SAFETEA-LU</td>
<td>Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users</td>
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<tr>
<td>SEI</td>
<td>Statement of Economic Interest</td>
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<td>SGR</td>
<td>State of Good Repair</td>
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<td>SIP</td>
<td>State Implementation Plan</td>
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<td>State Historic Preservation Office</td>
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<td>SHRP</td>
<td>Strategic Highway Research Program</td>
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<td>SMF</td>
<td>Strategic Mobility Formula</td>
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<td>SOV</td>
<td>Single Occupant/Occupancy Vehicle</td>
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<tr>
<td>SPOT</td>
<td>Strategic Planning Office of Transportation (of NCDOT)</td>
</tr>
<tr>
<td>SPR</td>
<td>Statewide Planning and Research</td>
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<tr>
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<td>Safe Routes to School</td>
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<td>STBG</td>
<td>Surface Transportation Block Grant</td>
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<tr>
<td>STBG-DA</td>
<td>Surface Transportation Block Grant – Direct Attributable</td>
</tr>
<tr>
<td>STI</td>
<td>Strategic Transportation Investments</td>
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<td>STIP</td>
<td>State Transportation Improvement Program</td>
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<tr>
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<td>Surface Transportation Program – Direct Attributable</td>
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<td>STP-EB</td>
<td>Surface Transportation Program – Enhancements</td>
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<td>Transportation Advisory Committee</td>
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<td>Transit Asset Management</td>
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<tr>
<td>TAP</td>
<td>Transportation Alternatives Program</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
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<tr>
<td>---------</td>
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<td>Transportation Equity Act</td>
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<td>TCC</td>
<td>Technical Coordinating Committee</td>
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<td>TCM</td>
<td>Transportation Control Measure</td>
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<td>TDM</td>
<td>Transportation Demand Management</td>
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<td>TDP</td>
<td>Transportation Development Plan</td>
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<td>Transportation System Management</td>
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<td>TEA-21</td>
<td>Transportation Equity Act for the 21st Century</td>
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<td>TIGER (line data)</td>
<td>Topologically Integrated Geographic Encoding and Referencing</td>
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<td>TIGER</td>
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<tr>
<td>UAB</td>
<td>Urbanized Area Boundary</td>
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<tr>
<td>UA</td>
<td>Urbanized Area or Urban Area</td>
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<td>Urban Cluster</td>
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<tr>
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<td>VMS</td>
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<td>VOC</td>
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