FEBRUARY 2022 PLANNING DOCUMENTS

- FY 2020-2029 MTIP Amendments and Modifications

Public review and comments:
February 7, 2022 - March 10, 2022
Amendment and Modifications to the Fiscal Years 2020-2029 Winston-Salem Urban Area Metropolitan Transportation Improvement Plan (MTIP)

The Fiscal Year 2020-2029 MTIP is a comprehensive listing 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 Update (MTP) and match the FY2020-2029 State Transportation Improvement Program (STIP).

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 MPO 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 Air Quality Conformity Determination Report (AQCDR).

2022-2023 Unified Planning Work Program (UPWP) – added Feb. 16, 2022

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.

Public notice of public transportation activities and time established for public review of and comments on the TIP will satisfy the program of projects (POP) requirements. Persons needing special provisions,
including language assistance to attend this meeting should contact Byron Brown (byronb@cityofws.org, 336-747-6871) at least 48 hours in advance.

FEbruary 2022 Documents for Public Review and Comment

Contents

- FY2020-2029 MTIP Amendments and Modifications, February 2022
- UPWP, added Feb. 16, 2022

You may submit comments for any of these documents in writing to Byron Brown (byronb@cityofws.org) or mail to:

City of Winston-Salem, DOT
Attn: Byron Brown
P.O. Box 2511
Winston-Salem, NC 27102
El Comité Asesor de Transporte (TAC) para la Organización de Planificación Metropolitana del Área Urbana de Winston-Salem (WSMPO) sirve como un foro para la planificación cooperativa del transporte y la toma de decisiones para la región MPO que incluye el condado de Forsyth y partes de los condados de Davie, Davidson y Stokes. La próxima reunión del TAC se llevará a cabo el 17 de febrero de 2022 a 4:15pm. Los materiales de la agenda para esta reunión también se pueden encontrar en [www.cityofws.org/Departments/Transportation/MPO/TAC](http://www.cityofws.org/Departments/Transportation/MPO/TAC). Los siguientes elementos se presentarán para su adopción durante esta reunión:

**Enmienda y modificaciones a los años fiscales 2020-2029 Plan de mejora del transporte metropolitano del área urbana de Winston-Salem (MTIP)**

El MTIP del año fiscal 2020-2029 es una lista completa de todos los proyectos de transporte programados para el área urbana de Winston-Salem y debe ser un subconjunto de la actualización del plan de transporte metropolitano 2040 del área urbana de Winston-Salem (MTP) y coincidir con el Programa estatal de mejora del transporte (STIP) para el año fiscal 2020-2029.

El Departamento de Transporte de Carolina del Norte (NCDOT) actualiza periódicamente el STIP para incluir nuevos proyectos y modificar los proyectos existentes. Cualquier enmienda del STIP para nuevos proyectos estatales o proyectos dentro de la MPO del Área Urbana de Winston-Salem desencadena la enmienda del MTIP. Las enmiendas al STIP para proyectos de importancia regional que tienen revisiones de proyectos importantes o que atraviesan el período de financiación de 4 años de la Administración Federal de Carreteras (FHWA) o los años del horizonte de modelado requieren un Informe de Determinación de la Conformidad de la Calidad del Aire (AQCDR).

El aviso público de las actividades de participación pública y el tiempo establecido para la revisión pública y los comentarios sobre el TIP satisfarán los requisitos del Programa de Proyectos (POP). Cualquier persona que crea que ha sido perjudicada por una práctica discriminatoria ilegal con respecto a los programas de MPO del área urbana de Winston-Salem tiene derecho a presentar una queja formal ante Marlene Davis, City of Winston-Salem, P.O. Box 2511, Winston-Salem, NC 27102, dentro de los 180 días posteriores a la fecha de la supuesta ocurrencia de discriminación. Las personas que necesiten disposiciones especiales, incluida la asistencia con el idioma, para asistir a esta reunión deben comunicarse con Byron Brown (byronb@cityofws.org, 336-747-6871) al menos con 48 horas de anticipación.

**FEBRERO DE 2022 DOCUMENTOS PARA REVISIÓN Y COMENTARIO PÚBLICOS**

**CONTENIDO**

- Enmiendas y modificaciones del MTIP para el año fiscal 2020-2029, febrero de 2022
Todos los comentarios deben enviarse por escrito a Byron Brown, ya sea por correo electrónico a byronb@cityofws.org o por correo postal a:

City of Winston-Salem, DOT
Attn: Byron Brown, Principal Planner
P.O. Box 2511
Winston-Salem, NC 27102
### STIP ADDITIONS

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Category</th>
<th>Description</th>
<th>Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC-2000</td>
<td>STATEWIDE PROJECT</td>
<td>VARIOUS, TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES PROGRAM ADMINISTRATION</td>
<td><strong>ADD NEW PROJECT FOR PLANNING ONLY AT THE REQUEST OF THE RAIL DIVISION.</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Category</th>
<th>Description</th>
<th>Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX-2000</td>
<td>STATEWIDE PROJECT</td>
<td>VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS PROGRAM ADMINISTRATION.</td>
<td><strong>ADD NEW PROJECT FOR PLANNING ONLY AT THE REQUEST OF THE RAIL DIVISION.</strong></td>
</tr>
</tbody>
</table>

### STIP MODIFICATIONS

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Category</th>
<th>Description</th>
<th>Fiscal Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-5753</td>
<td>STATEWIDE EXEMPT</td>
<td>VARIOUS, FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP) AND EMERGENCY RELIEF FOR FEDERALLY OWNED ROADS (ERFO), ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.</td>
<td>FY 2022</td>
<td>$11,000,000 (FLTP)</td>
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<td>FY 2023</td>
<td>$11,200,000 (FLTP)</td>
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<td></td>
<td>FY 2024</td>
<td>$9,500,000 (FLTP)</td>
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<td></td>
<td>FY 2025</td>
<td>$1,000,000 (FLTP)</td>
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<td></td>
<td><strong>$32,700,000</strong></td>
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</tbody>
</table>

**ADD FUNDING IN FY 23, FY 24, AND FY 25 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE FEDERAL HIGHWAY ADMINISTRATION.**

* INDICATES FEDERAL AMENDMENT

Thursday, February 3, 2022
### STIP MODIFICATIONS

<table>
<thead>
<tr>
<th>U-2579BB</th>
<th>WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION</th>
<th>FUTURE I-74, CONSTRUCT NOISE WALL</th>
<th>UTILITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORSYTH</td>
<td>CONSTRUCTION YEAR INCORRECTLY SHOWN AS FY 2021 ON JANUARY ITEM N; CONSTRUCTION IS SCHEDULED IN FY 22.</td>
<td>CONSTRUCTION</td>
<td>FY 2022 -</td>
</tr>
<tr>
<td>PROJ.CATEGORY TRANSITION</td>
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<td>$2,349,000 (T)</td>
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<td>$2,583,000</td>
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<td>$234,000 (T)</td>
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</tbody>
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* INDICATES FEDERAL AMENDMENT

Thursday, February 3, 2022
**STIP MODIFICATIONS**

* TG-6783  
  - WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
  FORSYTH  
  PROJ.CATEGORY PUBLIC TRANS  
  PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION, ROUTINE CAPITAL, PASSENGER SHELTERS, PASSENGER AMENITIES, SHOP EQUIPMENT, SPARE PARTS  
  **MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, FY 26 AT THE REQUEST OF THE MPO.**  
  CAPITAL FY 2022 - $35,000 (L)  
  FY 2022 - $140,000 (5307)  
  FY 2023 - $35,000 (L)  
  FY 2023 - $140,000 (5307)  
  FY 2024 - $35,000 (L)  
  FY 2024 - $140,000 (5307)  
  FY 2025 - $35,000 (L)  
  FY 2025 - $140,000 (5307)  
  FY 2026 - $35,000 (L)  
  FY 2026 - $140,000 (5307)  
  FY 2027 - $37,000 (L)  
  FY 2027 - $147,000 (5307)  
  $1,059,000

* TO-6150  
  - WINSTON-SALEM URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
  FORSYTH  
  PROJ.CATEGORY PUBLIC TRANS  
  PIEDMONT AUTHORITY FOR REGIONAL TRANSPORTATION, OPERATING ASSISTANCE  
  **MODIFY FUNDING IN FY 22, FY 23, FY 24, FY 25, FY 26 AT THE REQUEST OF THE MPO.**  
  OPERATIONS FY 2022 - $439,000 (L)  
  FY 2022 - $439,000 (5307)  
  FY 2023 - $439,000 (L)  
  FY 2023 - $439,000 (5307)  
  FY 2024 - $439,000 (L)  
  FY 2024 - $439,000 (5307)  
  FY 2025 - $439,000 (L)  
  FY 2025 - $439,000 (5307)  
  FY 2026 - $439,000 (L)  
  FY 2026 - $439,000 (5307)  
  FY 2027 - $485,000 (L)  
  FY 2027 - $485,000 (5307)  
  $5,360,000

* INDICATES FEDERAL AMENDMENT

Thursday, January 6, 2022
Winston-Salem Urban Area
Metropolitan Planning Organization
Unified Planning Work Program
For Fiscal Year 2022-2023 DRAFT

Produced by the
Winston-Salem Department of Transportation,
in cooperation with the
North Carolina Department of Transportation,
the Winston-Salem Urban Area Technical Coordinating Committee (TCC), and the
Winston-Salem Urban Area Transportation Advisory Committee (TAC)
Section 104 (f) WBS: TBD, CFDA Number: 20-205-5
Surface Transportation Block Grant – Direct Attributable (STBG-DA) WBS: TBD
Winston-Salem Urban Area
Metropolitan Planning Organization
Unified Planning Work Program
For Fiscal Year 2021-2022

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Appendix B - NCDOT Funding Allocations Letters
Introduction

Each year the Winston-Salem Urban Area Metropolitan Planning Organization (MPO) is required to develop and approve a Unified Planning Work Program (UPWP). The UPWP identifies what transportation planning projects and work tasks will be completed during the fiscal year and the amount of federal and State highway and transit planning funds that will be used to complete the work, plus the required State and local matches. Depending on the specific funding source, tasks funded through the UPWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) through the North Carolina Department of Transportation (NCDOT).

The Winston-Salem Urban Area UPWP identifies three (3) separate federal funding sources for conducting transportation planning and they are shown in Table 1. They include:

- **FHWA Section 104 (f) Funds (PL Funds)** – These funds are the primary funding source dedicated to the MPO to perform transportation planning as required by various State and Federal laws and regulations. These funds require a 20% local match.
- **FTA Section 5303 Funds** – These funds are used for transit planning in the urban area. The FTA provides 80% of these funds with a 10% match from NCDOT and a local match of 10% from the Winston-Salem Urban Area MPO.
- **Federal Surface Transportation Block Grant – Direct Attributable (STBG-DA) supplemental planning funds** are included in this year’s UPWP for the MPO and requires a 20% local match.

The local match requirements will be shared by all members of the Winston-Salem Urban Area MPO as defined in the Memorandum of Understanding (MOU).

If you have any questions or need any additional information about the draft Fiscal Year 2022-2023 UPWP, please contact Mrs. Kelly Garvin at (336) 747-6881, or e-mail her at kellym@cityofws.org.
### II-A Data and Support Planning

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>II-A-1</td>
<td>Networks and Support Systems</td>
<td>$55,000</td>
</tr>
<tr>
<td></td>
<td><strong>Traffic Volume Counts</strong></td>
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<tr>
<td></td>
<td>Collect data and purchase software, equipment, and services needed for counting motor vehicle, bicycle, and pedestrian trips. Costs may include staff, equipment, and data processing services.</td>
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<tr>
<td></td>
<td><strong>Vehicle Miles of Travel (VMT)</strong></td>
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<tr>
<td></td>
<td>Plan for future data collection efforts as needed.</td>
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<td></td>
<td><strong>Street System Changes</strong></td>
<td></td>
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<tr>
<td></td>
<td>Review street closure and abandonment petitions as needed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Traffic Crashes</strong></td>
<td></td>
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<tr>
<td></td>
<td>Collect data and analyze vehicle, bicycle and pedestrian accidents.</td>
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<tr>
<td></td>
<td><strong>Transit System Data</strong></td>
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<td></td>
<td>WSTA will continue its efforts to measure the effectiveness and efficiency of the public transit system by evaluating the route by route ridership and schedule adherence.</td>
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<tr>
<td></td>
<td><strong>Bicycle and Pedestrian Facilities Inventory</strong></td>
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<td></td>
<td>Data collection and mapping work needed to maintain the MPO inventory of bicycle and pedestrian facilities. This includes collecting infrastructure asset management data for sidewalk and curb ramps; data needed to prepare updated bicycle level of service including pavement conditions; greenway infrastructure conditions; and other transportation infrastructure conditions data. Develop, maintain, and update database to support data analysis and planning, including sidewalk and greenway projects, bicycle facilities, bicycle and pedestrian counting, and roadway projects. This data is used to help identify future sidewalk and bicycle construction and maintenance needs to guide pedestrian and bicycle improvement planning, and as inputs to multi-modal performance measures. These costs generally cover staff and may include software, data or equipment purchases as needed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Collection of Network Data</strong></td>
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<tr>
<td></td>
<td>Update maps/tables of the street and highway network's physical and operational characteristics, adjust CTP as needed. Analyze problems and conditions of the street and highway network and develop recommendations for improvements.</td>
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</tbody>
</table>

**Total** $55,000
## Table 2
### Narrative Task Table for Fiscal Year 2022-2023

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>II-A-2</td>
<td>Travelers and Behavior</td>
<td>Complete monthly zoning, subdivision and final development plan reviews and special studies for CCPB, other municipalities. Monitor changes in dwelling units, population and employment through building and demolition permits.</td>
<td>$25,000</td>
</tr>
<tr>
<td></td>
<td>Dwelling Unit, Population and Employment Changes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>II-A-3</td>
<td>Transportation Modeling</td>
<td>Collaborate with regional partners to implement the Regional Model Work Plan, using enhancements like development of freight modeling capacity and associated data collection. Costs will include the MPO's share of routine maintenance and development efforts by the PART staff and corresponding work performed by the MPO staff.</td>
<td>$637,462</td>
</tr>
<tr>
<td></td>
<td>Travel Model Updates</td>
<td>Conduct modeling of different land use scenarios to gauge their impact on the street and highway network</td>
<td></td>
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<tr>
<td></td>
<td>Forecasts of Future Travel Patterns</td>
<td>Plan the use of available STBG-DA, CMAQ, etc. funds. Develop cost estimates for proposed transportation facilities. Examine options for funding transportation projects/programs.</td>
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<tr>
<td></td>
<td>Financial Planning</td>
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</tbody>
</table>

**Total** $662,462
<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>II-B-1</td>
<td>Targeted Planning</td>
<td>Continue participation in the statewide interagency consultation process. This will include staff work and professional services as necessary.</td>
<td>$45,000</td>
</tr>
<tr>
<td></td>
<td>Air Quality Planning/Conformity Analysis</td>
<td>Conduct data collection and analysis for performance measures established in the Congestion Management Process as well as work on the Congestion Management Process update. This will include staff work and professional services as necessary.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Congestion Management Strategies</td>
<td>Assess freight issues and transportation needs. This will include staff work and as needed professionals services, data packages, and/or analytical support software and devices. Work includes staff participation on the Statewide freight committee.</td>
<td></td>
</tr>
<tr>
<td>II-B-2</td>
<td>Regional Planning</td>
<td>Assist in the development of the goals, objectives and policies in the MTP and the CCPB area plans updates.</td>
<td>$73,250</td>
</tr>
<tr>
<td></td>
<td>Community Goals and Objectives</td>
<td>Assess roadway needs to identify future revisions to the highway element for the Metropolitan Transportation Plan and Comprehensive Transportation Plan, as well as to identify candidate projects for NCDOT Prioritization. Study area transportation needs issues relative to the impacts of new major roadway improvement projects. This will include staff work and professional services as necessary.</td>
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<tr>
<td></td>
<td>Highway Element of the CTP/MTP</td>
<td>In the process assess project issues and transportation needs to identify future revisions to the transit element of the Metropolitan Transportation Plan Update and Comprehensive Transportation Plan. Implement the Coordinated Human Services Public Transportation Plan, including allocating available funds to eligible projects and updating the plan as needed to ensure continued compliance with federal regulations. These costs cover staff work, as well as consultant support as needed.</td>
<td></td>
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<td></td>
<td>Transit Element of the CTP/MTP</td>
<td>Study bicycle &amp; pedestrian projects as needed to refine project assumptions. Give design guidance to NCDOT, the City, MPO Area Towns, and developers on bicycle &amp; pedestrian facility construction. Work with regional partners on planning and implementation of priority pedestrian and bicycle projects. This will include staff work and may include consultant assistance.</td>
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<td></td>
<td>Bicycle and Pedestrian Element of the CTP/MTP</td>
<td>Participate in the planning efforts of the Smith Reynolds Airport, including any updates to the Airport Master Plan and related project development and environmental document work.</td>
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<td>Collector Street Element of the CTP/MTP</td>
<td>Update the Collector Street Plan on an as-needed basis.</td>
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<td>Rail, Waterway, or Other Mode of the CTP/MTP</td>
<td>Assist with Union Station planning, design, and funding.</td>
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<td>Total $118,250</td>
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<tr>
<td>Task Code</td>
<td>Prospectus Task Code Titles</td>
<td>Task Code Title Descriptions</td>
<td>Total Costs</td>
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<tr>
<td>II-B-3</td>
<td>Special Studies</td>
<td>Staff assists MPO members</td>
<td>$1,347,443</td>
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<td></td>
<td></td>
<td>with STBG-DA funded projects</td>
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<td>process, staff</td>
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<td>conducts site plan</td>
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<td>reviews for new</td>
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<td>developments, staff</td>
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<td>manages City and</td>
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<td>federally funded projects</td>
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<td>and studies, staff</td>
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<td>assists Creative Corridors</td>
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<td>Coalition with their work</td>
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<td>and staff assists City</td>
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<td>County Planning Board with</td>
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<td>small area plans</td>
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<td>transportation elements</td>
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<td>Bike Walk Map and Greenway</td>
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<td>$150,000</td>
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<td>Wayfinding</td>
<td>Develop a new bike/walk</td>
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<td>map for the city and plan</td>
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<td>for the creation and</td>
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<td>implementation of a greenway</td>
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<td>NorthWest Blvd Feasibility</td>
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<td>$200,000</td>
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<td>Study</td>
<td>A study to consider possible</td>
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<td>streetscape improvements</td>
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<td>along the corridor. The</td>
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<td>goal of which would be</td>
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<td>to improve the movement of</td>
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<td>pedestrians, cyclist and</td>
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<td>Ransom Drive and Polo</td>
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<td>$150,000</td>
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<td>Road Intersection Study</td>
<td>To develop alternatives</td>
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<td></td>
<td>aimed at improving the</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>movement and safety of</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>vehicles at that</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WSTA Building</td>
<td>The City plans to use STBG</td>
<td>$300,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DA funds to hire a consultant</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>who will conduct an</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>evaluation of the current</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WSTA routes and develop</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Smith Reynolds Greenway</td>
<td></td>
<td>$300,000</td>
</tr>
<tr>
<td></td>
<td>Feasibility Study</td>
<td>A feasibility study for</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>the design and construction</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>of a greenway on airport</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>property to connect Bowen</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boulevard to Lansing Drive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>III-A Unified Planning</td>
<td></td>
<td>$50,000</td>
</tr>
<tr>
<td></td>
<td>Work Program (UPWP)</td>
<td>Develop Fiscal Year 2022-2023</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>UPWP and five-year work</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>plan and amend Fiscal Year</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2021-2022 UPWP as needed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>III-A-2 Metrics and</td>
<td></td>
<td>$50,000</td>
</tr>
<tr>
<td></td>
<td>Performance Measures</td>
<td>Develop performance</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>measures for transit and</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>other modes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>III-B Transportation</td>
<td></td>
<td>$20,000</td>
</tr>
<tr>
<td></td>
<td>Improvement Program</td>
<td>Continue work on 6.0 process.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>III-B-1 Prioritization</td>
<td></td>
<td>$26,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Program and administer</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STBG-DA, CMAQ and TA funds</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>for various bicycle,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>greenway, sidewalk and</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pedestrian facilities,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>intersection improvements</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>and small roadway projects;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>assisted small towns with</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>process. Various STIP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>amendments and modifications</td>
<td></td>
</tr>
<tr>
<td></td>
<td>III-B-3 Merger and Project</td>
<td></td>
<td>$15,000</td>
</tr>
<tr>
<td></td>
<td>Development</td>
<td>Participate in NCDOT’s</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Merger Team process</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>meetings as needed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Feasibility Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Participate in NCDOT’s</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>feasibility studies as</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>needed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>$1,508,443</td>
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<td>Task Code</td>
<td>Prospectus Task Code Titles</td>
<td>Task Code Title Descriptions</td>
<td>Total Costs</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------</td>
<td>-------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>III-C-1</td>
<td>Title VI</td>
<td>Implement the Federal certification report recommendations. Update maps and materials on locations of minority and low-income (MLI) populations.</td>
<td>$10,000</td>
</tr>
<tr>
<td>III-C-2</td>
<td>Environmental Justice (EJ)</td>
<td>Continue efforts to support principles of environmental justice in transportation planning activities. Continue to review and refine public involvement process and activities to enhance opportunities for participation in transportation decision-making among low income and minority groups. Conduct analysis regarding equitable distribution of transportation system benefits and costs among all socio-economic groups throughout the MPO area.</td>
<td>$20,000</td>
</tr>
<tr>
<td>III-C-4</td>
<td>Planning for the Elderly and the Disabled</td>
<td>Continue efforts to emphasize the planning, development, evaluation, and reevaluation of transportation facilities and services for the elderly and disabled. Update the Coordinated Human Services Transportation Plan as needed. Administer JARC, Section 5310 funds annually.</td>
<td>$20,000</td>
</tr>
<tr>
<td>III-C-6</td>
<td>Public Participation</td>
<td>Continue to provide for an open exchange of information and ideas between the public and transportation decision-makers. Continue to evaluate community concerns regarding transportation issues. Public involvement efforts are a common element of many UPWP task-codes, such as those relating to Transportation Plan development, special studies, and etc. Update the Public Participation Plan as needed.</td>
<td>$60,000</td>
</tr>
<tr>
<td>III-C-7</td>
<td>Private Sector Participation</td>
<td>Continue efforts to ensure that private transportation operators have the maximum feasible opportunity to participate in planning and provision of local transportation services.</td>
<td>$27,842</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$137,842</td>
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</table>
### III-D Statewide and Extra-Regional Planning

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Statewide and Extra-Regional Planning</td>
<td>Regional planning is conducted in association with the other three MPOs in the Triad, the Piedmont Authority for Regional Transportation and the Rural Planning Organization. This includes participation in PART Board Meetings and regional transportation planning working groups and committees. Examples include the Model Team, the Executive Committee, and the Regional Transit Development plan. Statewide planning includes participation in various statewide planning initiatives. Past examples have included the CMAQ Committee, the State Transportation Plan process, the State TIP Review Working Group, and the activities of the North Carolina Association of Metropolitan Planning Organizations.</td>
<td>$60,000</td>
</tr>
<tr>
<td></td>
<td>Statewide and Federal Policy Development and Implementation</td>
<td>Review proposed federal transportation legislation, other legislation. Attend Annual TRB, TRB Committees, etc. conferences.</td>
<td></td>
</tr>
</tbody>
</table>

### III-E Management, Operations and Program Support Administration

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Management and operations includes items such as such as: 1) general MPO administration including conducting TAC and TCC meetings and associated material and presentation development; 2) a continuing evaluation of administrative practices and the review and implementation of MPO process enhancements; 3) staff development through professional training courses, seminars, and conferences; 4) subscriptions to professional publications and professional organizational dues; 5) the acquisition of needed software, books, equipment and other materials; and 6) other MPO capacity-building efforts for the TAC, TCC and MPO staff; 7) Provide assistance to other groups and standing committees; 8) Provide Technical assistance for each MPO municipality.</td>
<td>$126,500</td>
</tr>
</tbody>
</table>

**Total** $186,500
<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Code Title Descriptions</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>II-B-3</td>
<td>Special Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FTA Pilot Transit-Oriented Development Grant</td>
<td>The city will hire a consultant to conduct a comprehensive study for Transit-Oriented Development along proposed corridors</td>
<td>$1,000,000</td>
</tr>
<tr>
<td></td>
<td>MTP/CTP</td>
<td>The City has hired a consultant to develop the 2045 Long range plans (MTP/CTP)</td>
<td>$300,000</td>
</tr>
<tr>
<td></td>
<td>Main Street Transportation Study - Walkertown</td>
<td>The town will hire a consultant to conduct a study of Main street to provide recommendations on improving traffic along that corridor</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>PMP and Human Services Plan</td>
<td>The City will hire a consultant to update the existing PMP and Human Services Plan</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>Pedestrian Plan</td>
<td>The city will work with a consultant to analyze available data to develop a set of recommendations for infrastructure improvements, policies, and programs to create an improved walking environment.</td>
<td>$175,000</td>
</tr>
<tr>
<td></td>
<td>Salem Creek Greenway FS</td>
<td>The City will hire a consultant determine how to extend the existing trail west of Peters Creek Parkway to continue the development of this trail, which is part of the Mountains to Sea Trail</td>
<td>$200,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Total $1,875,000</strong></td>
</tr>
<tr>
<td>Task Code</td>
<td>Prospectus Task Code Titles</td>
<td>Task Code Title Descriptions</td>
<td>Total Costs</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>II-B-3</td>
<td>Special Studies</td>
<td>Staff assists MPO members with STBG-DA funded projects process, staff conducts site plan reviews for new developments, Staff manages City and federally funded projects and studies, staff assists Creative Corridors Coalition with their work and staff assists City County Planning Board with small area plans transportation elements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Village of Clemmons- Bicycle and Pedestrian Plan</td>
<td>The Village will use Transportation Planning grant funds to hire a consultant who will develop a more in depth pedestrian Plan. Develop performance measures for transit and other modes.</td>
<td>$50,000</td>
</tr>
<tr>
<td></td>
<td>Walkertown - Traffic Study</td>
<td>The town plans to hire a consultant to conduct a traffic study to address safety concerns and to make recommendations for improvements to the intersection of Old Hollow Road and Walkertown Commons Circle</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>PTRM Household Survey - Winston-Salem MPO Share</td>
<td>WSMPO's share for the consultant conducting the Household survey for PTRM</td>
<td>$12,030</td>
</tr>
<tr>
<td></td>
<td>MPO Freight Study Phase III</td>
<td>WSUAMPO's share for the consultant working on adding the freight component to the PTRM model</td>
<td>$24,000</td>
</tr>
<tr>
<td></td>
<td>Lewisville-Clemmons Road Interchange/Kinnamon Bridge Study - Clemmons</td>
<td>The town will hire a consultant to conduct a study that would evaluate the need, goals, and feasibility for a collector-distributor road between the Lewisville-Clemmons Road Interchange/Kinnamon Road Bridge</td>
<td>$200,000</td>
</tr>
<tr>
<td></td>
<td>Muddy Creek Greenway Feasibility Study</td>
<td>The City plans to Hire a consultant to conduct a feasibility study for the Muddy Creek Greenway phase II (from Jefferson School Lane to Yadkinville road)</td>
<td>$250,000</td>
</tr>
<tr>
<td></td>
<td>Montroyal Reconnection Study - Rural Hall</td>
<td>The town will hire a consultant to conduct a study to determine the feasibility of reconnecting Montroyal Road</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>Northridge Park Dr to Langenthal Dr. Connector Study Rural Hall</td>
<td>The town will hire a consultant to conduct a study to determine the feasibility of Connecting from Northridge Park Drive to Langenthal Drive</td>
<td>$100,000</td>
</tr>
<tr>
<td></td>
<td>Winston-Salem Safety Analysis</td>
<td>The City of Winston-Salem on behalf of the MPO will hire a consultant to identify measures of effectiveness of the current CMP. This will include analyses of current and recently completed projects. The consultant will also assist with linking the CMP to the current MPO project selection processes for DA, CMAQ and prioritization.</td>
<td>$150,000</td>
</tr>
<tr>
<td></td>
<td>Kernersville - Intersection Feasibility Study</td>
<td>The town plans to hire a consultant to conduct a feasibility study to determine and evaluate existing conditions of the Old Salem Road / Teague Lane intersection</td>
<td>$58,000</td>
</tr>
<tr>
<td></td>
<td>City of Winston-Salem - WSTA Hampton Haith Facility Study</td>
<td>The city plans to us CARES Act funds to review the options for the facility to meet the social distancing requirements for staff working out of the Hampton Haith building (Some Admin, Dispatch, drivers and maintenance staff work out this building)</td>
<td>$300,000</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>$1,344,030</td>
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</tbody>
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### Table 3

**Anticipated DBE Contracting Opportunities for Fiscal Year 2022-2023**

**January 18, 2022**

<table>
<thead>
<tr>
<th>Prospectus Task Code</th>
<th>FTA Task Code</th>
<th>Task Description</th>
<th>Name of Agency Contracting Out</th>
<th>Type of Contracting Opportunity</th>
<th>Federal Funds To Be Contracted Out</th>
<th>Total Funds To Be Contracted Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>II-A-1</td>
<td>442400</td>
<td>Networks and Support Systems</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>II-B-1</td>
<td>442301</td>
<td>Targeted Planning</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>II-B-2</td>
<td>442301</td>
<td>Regional Planning</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>II-B-3</td>
<td>442302</td>
<td>Special Studies</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>III-A-1</td>
<td>442100</td>
<td>Unified Planning Work Program (UPWP)</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>III-A-2</td>
<td>442100</td>
<td>Metrics and Performance Measures</td>
<td>City of Winston-Salem DOT</td>
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<td>None</td>
<td>None</td>
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<tr>
<td>III-B-2</td>
<td>442500</td>
<td>Metropolitan Transportation Improvement Program (MTIP)</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
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<td>None</td>
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<tr>
<td>III-C-2</td>
<td>442700</td>
<td>Environmental Justice</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>III-C-4</td>
<td>442612</td>
<td>Planning for the Elderly &amp; Disabled</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
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<tr>
<td>III-C-6</td>
<td>442700</td>
<td>Public Participation</td>
<td>City of Winston-Salem DOT</td>
<td>Public Notice Advertising</td>
<td>FTA</td>
<td>$1,400</td>
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<tr>
<td>III-C-7</td>
<td>442700</td>
<td>Private Sector Participation</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>III-D</td>
<td>442301</td>
<td>Statewide and Extra-Regional Planning</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>III-E</td>
<td>442100</td>
<td>Management, Operations and Program Support Administration</td>
<td>City of Winston-Salem DOT</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Prospectus Task Code</td>
<td>FTA Task Code</td>
<td>Task Description</td>
<td>Local 10%</td>
<td>NCDOT 10%</td>
<td>FTA 80%</td>
<td>Total</td>
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<tr>
<td>II-A-1 442400</td>
<td></td>
<td>Networks and Support Systems</td>
<td>3,000.00</td>
<td>3,000.00</td>
<td>24,000.00</td>
<td>30,000.00</td>
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<tr>
<td>II-B-1 442301</td>
<td></td>
<td>Targeted Planning</td>
<td>1,000.00</td>
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<td>8,000.00</td>
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<tr>
<td>II-B-2 442301</td>
<td></td>
<td>Regional Planning</td>
<td>3,825.00</td>
<td>3,825.00</td>
<td>30,600.00</td>
<td>38,250.00</td>
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<tr>
<td>II-B-3 442302</td>
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<td>Special Studies</td>
<td>11,066.00</td>
<td>11,066.00</td>
<td>88,528.00</td>
<td>110,660.00</td>
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<tr>
<td>III-A-1 442100</td>
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<td>Unified Planning Work Program (UPWP)</td>
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<td>3,000.00</td>
<td>24,000.00</td>
<td>30,000.00</td>
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<tr>
<td>III-A-2 442100</td>
<td></td>
<td>Metrics and Performance Measures</td>
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<td>3,000.00</td>
<td>24,000.00</td>
<td>30,000.00</td>
</tr>
<tr>
<td>III-B-2 442500</td>
<td></td>
<td>Metropolitan Transportation Improvement Program (MTIP)</td>
<td>600.00</td>
<td>600.00</td>
<td>4,800.00</td>
<td>6,000.00</td>
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<tr>
<td>III-C-2 442700</td>
<td></td>
<td>Environmental Justice</td>
<td>1,000.00</td>
<td>1,000.00</td>
<td>8,000.00</td>
<td>10,000.00</td>
</tr>
<tr>
<td>III-C-4 442612</td>
<td></td>
<td>Planning for the Elderly and Disabled</td>
<td>1,500.00</td>
<td>1,500.00</td>
<td>12,000.00</td>
<td>15,000.00</td>
</tr>
<tr>
<td>III-C-6 442700</td>
<td></td>
<td>Public Participation</td>
<td>3,000.00</td>
<td>3,000.00</td>
<td>24,000.00</td>
<td>30,000.00</td>
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<tr>
<td>III-C-7 442700</td>
<td></td>
<td>Private Sector Participation</td>
<td>100.00</td>
<td>100.00</td>
<td>800.00</td>
<td>1,000.00</td>
</tr>
<tr>
<td>III-D 442301</td>
<td></td>
<td>Statewide and Extra-Regional Planning</td>
<td>1,000.00</td>
<td>1,000.00</td>
<td>8,000.00</td>
<td>10,000.00</td>
</tr>
<tr>
<td>III-E 442100</td>
<td></td>
<td>Management, Operations, and Program Support Administration</td>
<td>2,650.00</td>
<td>2,650.00</td>
<td>21,200.00</td>
<td>26,500.00</td>
</tr>
</tbody>
</table>

Totals $34,741 $34,741 277,928.00 347,410.00 100%
### FTA Task Narrative Table for Fiscal Year 2022-2023

#### Table 5

**January 18, 2022**

<table>
<thead>
<tr>
<th></th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>MPO Name</td>
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<tr>
<td>2.</td>
<td>FTA Code</td>
</tr>
<tr>
<td>3.</td>
<td>Task Code</td>
</tr>
<tr>
<td>4.</td>
<td>Title of Planning Task</td>
</tr>
<tr>
<td>5.</td>
<td>Task Objective</td>
</tr>
<tr>
<td>6.</td>
<td>Tangible Product Expected</td>
</tr>
<tr>
<td>7.</td>
<td>Expected Completion Date of Product(s)</td>
</tr>
<tr>
<td>8.</td>
<td>Previous Work</td>
</tr>
<tr>
<td>9.</td>
<td>Prior FTA Funds</td>
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<tr>
<td>10.</td>
<td>Relationship To Other Activities</td>
</tr>
<tr>
<td>11.</td>
<td>Agency Responsible for Task Completion</td>
</tr>
<tr>
<td>12.</td>
<td>HPR - Highway - NCDOT 20%</td>
</tr>
<tr>
<td>13.</td>
<td>HPR - Highway - FHWA 80%</td>
</tr>
<tr>
<td>14.</td>
<td>Section 104 (f) PL Local 20%</td>
</tr>
<tr>
<td>15.</td>
<td>Section 104 (f) PL FHWA 80%</td>
</tr>
<tr>
<td>16.</td>
<td>Section 5303 Local 10%</td>
</tr>
<tr>
<td>17.</td>
<td>Section 5303 NCDOT 10%</td>
</tr>
<tr>
<td>18.</td>
<td>Section 5303 FTA 80%</td>
</tr>
<tr>
<td>19.</td>
<td>Section 5307 Transit - Local 10%</td>
</tr>
<tr>
<td>20.</td>
<td>Section 5307 Transit - NCDOT 10%</td>
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</tr>
<tr>
<td>22.</td>
<td>Additional Funds - Local 100%</td>
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</table>
## FTA Task Narrative Table for Fiscal Year 2022-2023

### Table 5

**January 18, 2022**

<p>| | | |</p>
<table>
<thead>
<tr>
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<td>Task Objective</td>
<td>Assist with Congestion Management Strategies and other mobility planning. Analyze and compare fuel consumption and emissions utilizing different transportation modes and alternative fuels.</td>
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<td>Tangible Product Expected</td>
<td>Assist with Congestion Management Strategies and other mobility planning. Analyze and compare fuel consumption and emissions utilizing different transportation modes and alternative fuels.</td>
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<td>7.</td>
<td>Expected Completion Date of Product(s)</td>
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<td>10.</td>
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<td>Coordination with the highway planning activities</td>
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<td>Agency Responsible for Task Completion</td>
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<td>12.</td>
<td>HPR - Highway - NCDOT 20%</td>
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<td>18.</td>
<td>Section 5303 FTA 80%</td>
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<td>19.</td>
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<td>22.</td>
<td>Additional Funds - Local 100%</td>
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## FTA Task Narrative Table for Fiscal Year 2022-2023

### Table 5

**January 18, 2022**

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<thead>
<tr>
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<td>Task Objective</td>
<td>Rail and Transit integration planning</td>
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<td>Implement strategies from WSTA’s/PART’s Strategic Plan; assist WSTA with new route and schedule planning; assist PART with bus/rail engineering studies and planning; Preparation of Long Range plans (CTP/MTP); assist with Winston-Salem Union Station transit center planning</td>
</tr>
<tr>
<td>7.</td>
<td>Expected Completion Date of Product(s)</td>
<td>June 30, 2023</td>
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<td>8.</td>
<td>Previous Work</td>
<td>Implement strategies from WSTA’s/PART’s Strategic Plan; assist WSTA with new route and schedule planning; assist PART with bus/rail engineering studies and planning; continue transit integration with intercity and Southeast High Speed Rail planning; assist with Winston-Salem Union Station transit center planning</td>
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<td>9.</td>
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<td>Winston-Salem DOT</td>
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### Additional Funds - Local 100%
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<td>Special Studies</td>
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<td>5.</td>
<td>Task Objective</td>
<td>PMP Human services plan; assist CCPB with small area plans elements</td>
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<td>6.</td>
<td>Tangible Product Expected</td>
<td>Manage human service transportation studies and other studies and projects; assist CCPB with small area plans elements</td>
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<td>Expected Completion Date of Product(s)</td>
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<td>Winston-Salem DOT</td>
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<td>HPR - Highway - NCDOT</td>
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<td>13.</td>
<td>HPR - Highway - FHWA</td>
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<td>Section 104 (f) PL FHWA</td>
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<td>16.</td>
<td>Section 5303 Local</td>
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<td>17.</td>
<td>Section 5303 NCDOT</td>
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<tr>
<td>18.</td>
<td>Section 5303 FTA</td>
<td>80%</td>
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<tr>
<td>19.</td>
<td>Section 5307 Transit - Local</td>
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<tr>
<td>20.</td>
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<td>21.</td>
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<td>22.</td>
<td>Additional Funds - Local</td>
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</table>
## Unified Planning Work Program (UPWP) FTA Task Narrative Table for Fiscal Year 2022-2023

**Table 5**

**January 18, 2022**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Winston-Salem Urban Area Metropolitan Planning Organization</th>
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<tbody>
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<td>1</td>
<td>MPO Name</td>
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<tr>
<td>2</td>
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<td>3</td>
<td>Task Code</td>
<td>III-A-1</td>
</tr>
<tr>
<td>4</td>
<td>Title of Planning Task</td>
<td>Unified Planning Work Program (UPWP)</td>
</tr>
<tr>
<td>5</td>
<td>Task Objective</td>
<td>To complete the development of the Fiscal Year 2022-2023 UPWP</td>
</tr>
<tr>
<td>6</td>
<td>Tangible Product Expected</td>
<td>Develop Fiscal Year 2022-2023 UPWP; amend Fiscal Year 2021-2022 UPWP, Prospectus as needed; complete annual transportation planning process self-certification for MPO</td>
</tr>
<tr>
<td>7</td>
<td>Expected Completion Date of Product(s)</td>
<td>June 30, 2023</td>
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<td>8</td>
<td>Previous Work</td>
<td>Annual UPWPs</td>
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<td>Winston-Salem DOT</td>
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<td>HPR - Highway - NCDOT 20%</td>
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<td>13</td>
<td>HPR - Highway - FHWA 80%</td>
<td></td>
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<tr>
<td>14</td>
<td>Section 104 (f) PL Local 20%</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Section 104 (f) PL FHWA 80%</td>
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</tr>
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<td>16</td>
<td>Section 5303 Local 10%</td>
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<td>17</td>
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<td>18</td>
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<td>19</td>
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<tr>
<td>20</td>
<td>Section 5307 Transit - NCDOT 10%</td>
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<tr>
<td>21</td>
<td>Section 5307 Transit - FTA 80%</td>
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<tr>
<td>22</td>
<td>Additional Funds - Local 100%</td>
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</tbody>
</table>
1. **MPO Name**: Winston-Salem Urban Area  
2. **FTA Code**: 442100  
4. **Title of Planning Task**: Metrics and Performance Measures  
5. **Task Objective**: Develop performance measures for transit and other modes  
6. **Tangible Product Expected**: Develop performance measures for transit and other modes  
7. **Expected Completion Date of Product(s)**: June 30, 2023  
8. **Previous Work**: NA  
9. **Prior FTA Funds**: $8,000.00  
10. **Relationship To Other Activities**: Coordination with the highway planning activities  
11. **Agency Responsible for Task Completion**: Winston-Salem DOT  
12. **Section 104 (f) PL Local 20%**  
13. **Section 104 (f) PL FHWA 80%**  
14. **Section 5303 Local 10%**: $3,000.00  
15. **Section 5303 NCDOT 10%**: $3,000.00  
16. **Section 5303 FTA 80%**: $24,000.00  
17. **Section 5307 Transit - Local 10%**  
18. **Section 5307 Transit - NCDOT 10%**  
19. **Section 5307 Transit - FTA 80%**  
20. **Additional Funds - Local 100%**
## FTA Task Narrative Table for Fiscal Year 2022-2023

**Table 5**

<p>| | | |</p>
<table>
<thead>
<tr>
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<td>Metropolitan Transportation Improvement Program (MTIP)</td>
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<td>Task Objective</td>
<td>Complete developing the Fiscal Year 2023-2032 MTIP; amend the current MTIP as needed; continue to work with NCDOT on SPOT process; administer all CMAQ/STBG-DA Projects</td>
</tr>
<tr>
<td><strong>6.</strong></td>
<td>Tangible Product Expected</td>
<td>Complete developing the Fiscal Year 2023-2032 MTIP; amend the Fiscal Year 2020-2029 MTIP as needed; continue to work with NCDOT on SPOT process; administer All CMAQ/STBG-DA Projects</td>
</tr>
<tr>
<td><strong>7.</strong></td>
<td>Expected Completion Date of Product(s)</td>
<td>June 30, 2023</td>
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<tr>
<td><strong>8.</strong></td>
<td>Previous Work</td>
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<td><strong>9.</strong></td>
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<td>Relationship To Other Activities</td>
<td>The City of Winston-Salem's Capital Improvement Program (CIP)</td>
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<td>Winston-Salem DOT</td>
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<td>HPR - Highway - NCDOT 20%</td>
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<td>HPR - Highway - FHWA 80%</td>
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<td>Section 104 (f) PL Local 20%</td>
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<td><strong>19.</strong></td>
<td>Section 5307 Transit - Local 10%</td>
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<td><strong>20.</strong></td>
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<td><strong>21.</strong></td>
<td>Section 5307 Transit - FTA 80%</td>
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<td><strong>22.</strong></td>
<td>Additional Funds - Local 100%</td>
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<td>Environmental Justice (EJ)</td>
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<td>5</td>
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<td>Ensure federal Title VI laws are enforced with transportation planning</td>
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<td>6</td>
<td>Tangible Product Expected</td>
<td>Implement the Federal certification report recommendations; update maps and materials on locations of minority and low-income (MLI) populations; refine EJ Plan as needed; identify service inequities</td>
</tr>
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<td>Expected Completion Date of Product(s)</td>
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<td>Previous Work</td>
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<td>Necessary for the delivery goals outlined in the Transit Section of the 2045 Metropolitan Transportation Plan and the 2020-2029 Metropolitan Transportation Improvement Program</td>
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<td>21</td>
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</tr>
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</table>

Winston-Salem Urban Area Metropolitan Planning Organization

Draft Unified Planning Work Program (UPWP)

FTA Task Narrative Table for Fiscal Year 2022-2023

Table 5

January 18, 2022
### FTA Task Narrative Table for Fiscal Year 2022-2023

**Table 5**

**January 18, 2022**

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<td>Planning for the Elderly and Disabled</td>
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<td>To address mobility needs of the elderly and persons of disabilities</td>
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<td>6.</td>
<td>Tangible Product Expected</td>
<td>Update the Human Service Transportation Plan; administer JARC, Section 5310 funds annually; attend regular BeHealthy Coalition meetings; participate in Step Up Forsyth!, Forsyth in Motion committees</td>
</tr>
<tr>
<td>7.</td>
<td>Expected Completion Date of Product(s)</td>
<td>June 30, 2023</td>
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<td>8.</td>
<td>Previous Work</td>
<td>Created the Human Service Transportation Plan; administered JARC, New Freedom funds annually; attended regular BeHealthy Coalition meetings; participated in Step Up Forsyth!, Forsyth in Motion committees</td>
</tr>
<tr>
<td>9.</td>
<td>Prior FTA Funds</td>
<td>$12,000.00</td>
</tr>
<tr>
<td>10.</td>
<td>Relationship To Other Activities</td>
<td>Necessary for the delivery goals outlined in the Transit Section of the 2045 Metropolitan Transportation Plan and the 2020-2029 Metropolitan Transportation Improvement Program</td>
</tr>
<tr>
<td>11.</td>
<td>Agency Responsible for Task Completion</td>
<td>Winston-Salem DOT</td>
</tr>
<tr>
<td>12.</td>
<td>HPR - Highway - NCDOT 20%</td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>HPR - Highway - FHWA 80%</td>
<td></td>
</tr>
<tr>
<td>14.</td>
<td>Section 104 (f) PL Local 20%</td>
<td></td>
</tr>
<tr>
<td>15.</td>
<td>Section 104 (f) PL FHWA 80%</td>
<td></td>
</tr>
<tr>
<td>16.</td>
<td>Section 5303 Local 10%</td>
<td>$1,500.00</td>
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<tr>
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<td>Section 5303 NCDOT 10%</td>
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<tr>
<td>18.</td>
<td>Section 5303 FTA 80%</td>
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<td>Section 5307 Transit - Local 10%</td>
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<tr>
<td>20.</td>
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<td>21.</td>
<td>Section 5307 Transit - FTA 80%</td>
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</tr>
<tr>
<td>22.</td>
<td>Additional Funds - Local 100%</td>
<td></td>
</tr>
<tr>
<td><strong>1. MPO Name</strong></td>
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<tr>
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<tr>
<td><strong>2. FTA Code</strong></td>
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<td><strong>3. Task Code</strong></td>
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<tr>
<td><strong>4. Title of Planning Task</strong></td>
<td>Public Participation</td>
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</tr>
<tr>
<td><strong>5. Task Objective</strong></td>
<td>To find ways to fully involve the public in the planning process</td>
<td></td>
</tr>
<tr>
<td><strong>6. Tangible Product Expected</strong></td>
<td>Assist the general public, appointed and elected officials; provide updates for City DOT website, develop maps/materials on projects; develop advertisements, flyers, other materials for projects; continue to find ways to fully involve the public in planning</td>
<td></td>
</tr>
<tr>
<td><strong>7. Expected Completion Date of Product(s)</strong></td>
<td>June 30, 2023</td>
<td></td>
</tr>
<tr>
<td><strong>8. Previous Work</strong></td>
<td>Assist the general public, appointed and elected officials; provide updates for City DOT website, develop maps/materials on projects; make presentations to realtors and civic groups; develop advertisements, flyers, other materials for projects; continue to find ways to fully involve the public in planning</td>
<td></td>
</tr>
<tr>
<td><strong>9. Prior FTA Funds</strong></td>
<td>$5,600.00</td>
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<td><strong>10. Relationship To Other Activities</strong></td>
<td>Interrelates with other elements in the Unified Planning Work Program</td>
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<tr>
<td><strong>11. Agency Responsible for Task Completion</strong></td>
<td>Winston-Salem DOT</td>
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<tr>
<td><strong>12. HPR - Highway - NCDOT 20%</strong></td>
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<tr>
<td><strong>13. HPR - Highway - FHWA 80%</strong></td>
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<tr>
<td><strong>14. Section 104 (f) PL Local 20%</strong></td>
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<tr>
<td><strong>15. Section 104 (f) PL FHWA 80%</strong></td>
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<td><strong>19. Section 5307 Transit - Local 10%</strong></td>
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<td><strong>20. Section 5307 Transit - NCDOT 10%</strong></td>
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<td><strong>21. Section 5307 Transit - FTA 80%</strong></td>
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<td><strong>22. Additional Funds - Local 100%</strong></td>
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<td>4</td>
<td>Title of Planning Task</td>
<td>Private Sector Participation</td>
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<td>5</td>
<td>Task Objective</td>
<td>To find ways to fully involve the private sector in the planning process</td>
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<tr>
<td>6</td>
<td>Tangible Product Expected</td>
<td>Develop Public-Private partnership strategies and meetings for transit related projects, assist business community with public-private partnership opportunities</td>
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<tr>
<td>7</td>
<td>Expected Completion Date of Product(s)</td>
<td>June 30, 2023</td>
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<td>8</td>
<td>Previous Work</td>
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<td>Prior FTA Funds</td>
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<td>Interrelates with other elements in the Unified Planning Work Program</td>
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<td>20</td>
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<td>22</td>
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## Table 5

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<tr>
<td><strong>1.</strong></td>
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<td><strong>2.</strong></td>
<td>FTA Code</td>
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<td>Task Code</td>
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<tr>
<td><strong>4.</strong></td>
<td>Title of Planning Task</td>
</tr>
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<td><strong>5.</strong></td>
<td>Task Objective</td>
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<tr>
<td><strong>6.</strong></td>
<td>Tangible Product Expected</td>
</tr>
<tr>
<td><strong>7.</strong></td>
<td>Expected Completion Date of Product(s)</td>
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<tr>
<td><strong>8.</strong></td>
<td>Previous Work</td>
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<td>Prior FTA Funds</td>
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<td>Relationship To Other Activities</td>
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<td>Section 104 (f) PL FHWA 80%</td>
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<td>Section 5303 FTA 80%</td>
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<td><strong>19.</strong></td>
<td>Section 5307 Transit - Local 10%</td>
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<td>Section 5307 Transit - NCDOT 10%</td>
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<td><strong>22.</strong></td>
<td>Additional Funds - Local 100%</td>
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<td></td>
<td>MPO Name</td>
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<td>Task Code</td>
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<tr>
<td>5</td>
<td>Task Objective</td>
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<td>Tangible Product Expected</td>
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<td>8</td>
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<td>Prior FTA Funds</td>
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<td>Relationship To Other Activities</td>
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<td>HPR - Highway - FHWA 80%</td>
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<td>Section 5307 Transit - Local 10%</td>
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</tr>
<tr>
<td>21</td>
<td>Section 5307 Transit - FTA 80%</td>
</tr>
<tr>
<td>22</td>
<td>Additional Funds - Local 100%</td>
</tr>
</tbody>
</table>
| II-A-1 | Traffic Volume Counts | 1. Produce new Average Daily Traffic count maps, tables  
2. Conduct traffic counts and turning movement counts for the Town of Rural Hall and as needed for CMP planning |
| Street System Changes | 1. Review street closure and abandonment petitions as needed |
| Traffic Crashes | 1. Collect traffic crash data for vehicles, bicyclists, pedestrians  
2. Analyze traffic crash data, use in project funding analysis  
3. Conduct small traffic engineering studies as needed  
4. Assist with traffic calming project reviews as needed |
| Transit System Data | 1. Collect/maintain WSTA vehicle fleet data characteristics  
2. Collect/maintain WSTA route/schedule data characteristics including bus stop characteristics  
3. Collect/maintain WSTA passenger data characteristics  
4. Collect required statistical data for NCDOT and FTA |
| Bicycle and Pedestrian Facilities Inventory | 1. Update maps/tables of all bicycle, greenway, sidewalk and pedestrian facilities  
2. Conduct field work as needed with GPS |
| Collection of Network Data | 1. Update maps/tables of the street and highway network’s physical and operational characteristics, adjust CTP as needed  
2. Analyze problems and conditions of the street and highway network and develop recommendations for improvements |

| II-A-2 | Dwelling Unit, Population and Employment Changes | 1. Complete monthly zoning, subdivision and final development plan reviews and special studies for CCPB, other municipalities  
2. Monitor changes in dwelling units, population and employment through building and demolition permits |
Winston-Salem Urban Area Metropolitan Planning Organization

*Draft* Unified Planning Work Program (UPWP)

Five Year Planning Calendar for Fiscal Years 2023-2028

Table 6

January 18, 2022

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>II-A-3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Travel Model Updates</td>
<td>1. Provide funds to PART for consultants to update the TRANSCAD and other regional travel demand model</td>
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<td></td>
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<tr>
<td></td>
<td>2. Assist Model Team/consultant with various tasks during update</td>
<td></td>
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</tr>
<tr>
<td>Forecasts of Future Travel Patterns</td>
<td>1. Conduct modeling of different land use scenarios to gauge their impact on the street and highway network</td>
<td></td>
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</tr>
<tr>
<td>Financial Planning</td>
<td>1. Plan the use of available STBG-DA, CMAQ, etc. funds</td>
<td></td>
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<tr>
<td>II-B-1</td>
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</tr>
<tr>
<td>Air Quality Planning/Conformity Analysis</td>
<td>1. Conduct and review all air quality determination reports for CMAQ projects</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>II-B-2</td>
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<tr>
<td>Community Goals and Objectives</td>
<td>1. Assist in the development of the goals, objectives and policies in the CCPB area plans updates</td>
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<tr>
<td>Highway Element of the CTP/MTP</td>
<td>1. Refine the CTP Street and Highway Technical Report</td>
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<tr>
<td></td>
<td>2. Manage the Street and Highway Planning Subcommittee work</td>
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<tr>
<td></td>
<td>3. Identify future changes to CTP system for expanded MPO</td>
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<tr>
<td>Transit Element of the CTP/MTP</td>
<td>1. Implement strategies from WSTA's Strategic Plan</td>
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<tr>
<td></td>
<td>2. Evaluate/design all proposed WSTA bus stop locations</td>
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</tr>
<tr>
<td>Bicycle and Pedestrian Element of the CTP/MTP</td>
<td>1. Manage the Bicycle and Greenway Planning and the Sidewalk and Pedestrian Facilities Planning Subcommittees</td>
<td></td>
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<tr>
<td></td>
<td>2. Maintain/update bicycle, sidewalk, greenway plans as needed</td>
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</tr>
</tbody>
</table>
# Winston-Salem Urban Area Metropolitan Planning Organization

**Draft** Unified Planning Work Program (UPWP)

Five Year Planning Calendar for Fiscal Years 2023-2028

Table 6

January 18, 2022

<table>
<thead>
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<tbody>
<tr>
<td></td>
<td>3. Implement bike, greenway, sidewalk programs and projects</td>
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<td></td>
<td>4. Conduct needed greenway feasibility and engineering studies</td>
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<tr>
<td>Collector Street Element of the CTP/MTP</td>
<td>1. Update plan as needed</td>
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<tr>
<td>Rail, Waterway, or Other Mode of the CTP/MTP</td>
<td>1. Assist with Union Station planning, design</td>
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<tr>
<td>II-B-3</td>
<td>1. Conduct feasibility studies/ corridor assessments as appropriate for project development and planning purposes.</td>
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<td></td>
<td>2. Assist MPO members with STBG-DA funded projects process</td>
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<tr>
<td>III-A-1</td>
<td>Development of UPWP and Five-Year Work Plan</td>
<td>Develop Fiscal Year 2022-2023 UPWP and five-year work plan and amend Fiscal Year 2021-2022 UPWP as needed. Amend Prospectus as needed. Complete annual self-certification for MPO's transportation planning process.</td>
<td></td>
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<tr>
<td>III-A-2</td>
<td>1. Develop performance measures for transit and other modes</td>
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<tr>
<td>III-B-1</td>
<td>Continue P 6.0 process.</td>
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<tr>
<td>III-B-2</td>
<td>Program and administer STBG-DA, CMAQ and TA funds for various bicycle, greenway, sidewalk and pedestrian facilities, intersection improvements and small roadway projects; assisted small towns with process. Various STIP amendments and modifications as needed.</td>
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</table>
## Winston-Salem Urban Area Metropolitan Planning Organization

### Draft Unified Planning Work Program (UPWP)

Five Year Planning Calendar for Fiscal Years 2023-2028

Table 6

January 18, 2022

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>III-B-3</td>
<td><strong>Merger Process</strong></td>
<td>1. Participate in NCDOT’s Merger Team process meetings as needed</td>
</tr>
<tr>
<td></td>
<td><strong>Feasibility Studies</strong></td>
<td>1. Participate in NCDOT’s feasibility studies as needed</td>
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<tr>
<td>III-C-1</td>
<td></td>
<td>Implement the Federal certification report recommendations. Update maps and materials on locations of minority and low-income (MLI) populations.</td>
</tr>
</tbody>
</table>
| III-C-2   |                             | 1. Update maps of minority and low-income (MLI) populations  
|           |                             | 2. Update the MPO’s EJ Plan; identify service inequities |
| III-C-4   |                             | Administer JARC, Section 5310 funds annually |
| III-C-6   |                             | Continue to provide for an open exchange of information and ideas between the public and transportation decision-makers. |
| III-C-7   |                             | Develop public-private partnership strategies and meetings for transit related projects; assist business community with public-private partnership opportunities |

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

Statewide and Extra-Regional Planning
### Statewide and Federal Policy Development and Implementation

<table>
<thead>
<tr>
<th>Task Code</th>
<th>Prospectus Task Code Titles</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review proposed federal transportation legislation, other legislation. Attend Annual TRB, TRB Committees, etc. conferences</td>
<td>2023-2027</td>
</tr>
</tbody>
</table>

### III-E Management, Operations and Program Support Administration

| Board Support | Management and operations includes items such as such as: 1) general MPO administration including conducting TAC and TCC meetings and associated material and presentation development; 2) a continuing evaluation of administrative practices and the review and implementation of MPO process enhancements; 3) staff development through professional training courses, seminars, and conferences; 4) subscriptions to professional publications and professional organizational dues; 5) the acquisition of needed software, books, equipment and other materials; and 6) other MPO capacity-building efforts for the TAC, TCC and MPO staff; 7) Provide assistance to other groups and standing committees; 8) Provide Technical assistance for each MPO municipality. | 2023-2027 | 2024-2027 | 2025-2026 | 2026-2027 | 2027-2028 |